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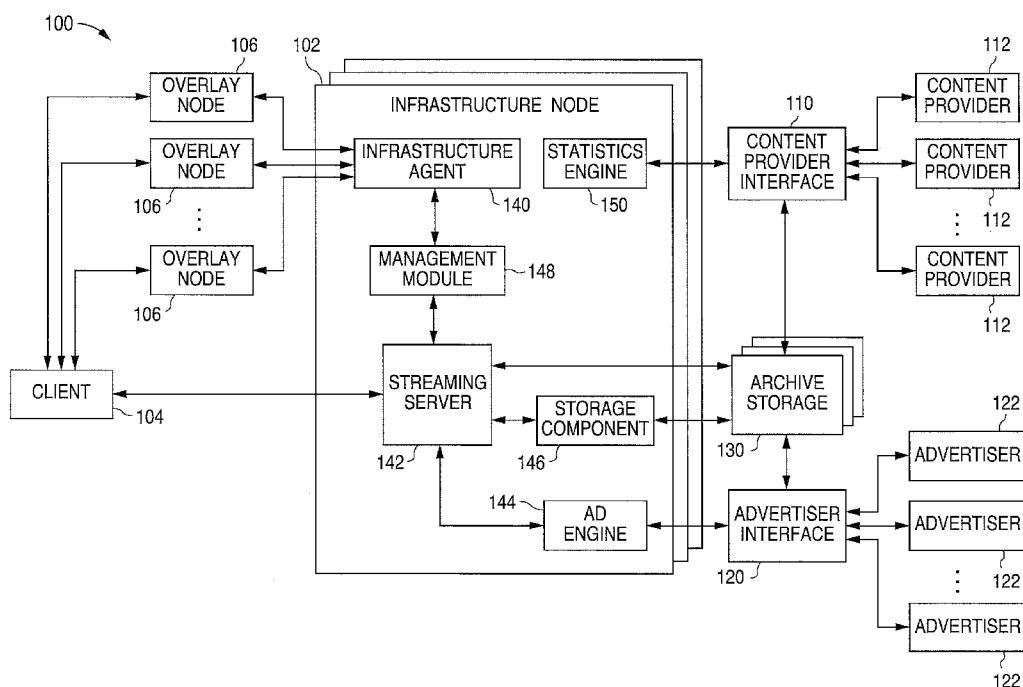
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(57) Abstract: Embodiments of the present disclosure provide a system and method for improved distribution of content on a communication network. The system and method are adapted to receive a video request message from a client, identify a location of the client, identify a location of one or more overlay nodes nearest to the client, identify a location of one or more network servers nearest to the client, generate network organization information, and publish the network organization information to at least the client.

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IMPROVED DISTRIBUTION OF CONTENT AND ADVERTISEMENT

CROSS-REFERENCE TO RELATED APPLICATIONS

[0001] This application claims the benefit of U.S. Provisional Patent Application No. 60/835,081 filed August 2, 2006 entitled, "MYLIGHT: A METHOD FOR
5 IMPROVING THE DISTRIBUTION OF CONTENT ON THE INTERNET", and U.S. Provisional Patent Application No. 60/852,910 filed October 17, 2006 entitled, "MYLIGHT: A SYSTEM FOR IMPROVING CONTENT DISTRIBUTION AND ADVERTISEMENT", and co-pending U. S. Patent Application Attorney Docket No. M-16925 US filed July 30, 2007 entitled, "IMPROVED DISTRIBUTION OF CONTENT ON
10 A NETWORK", which are incorporated herein by reference.

COMPUTER PROGRAM LISTING APPENDIX

[0002] The computer program listing appendix attached hereto consists of two (2) identical compact disks, copy 1 and copy 2, each containing a listing of the software code for one embodiment of the components of this invention. The contents of the compact
15 disks are a part of the present disclosure, and are incorporated herein in their entireties.

[0003] Each compact disk contains the following files (file name, size in bytes, date and time of creation).

BACKGROUND

[0004] In general, a centralized network typically includes a network topology that
20 branches from one or more centralized facilitating servers, whereby data, information and queries are distributed between network users through the one or more centralized facilitating servers. The locations of network users are typically in reference to the centralized server, and the relationships between the network users and the one or few centralized servers provides the overall structure of the network. In conventional
25 centralized networks, a highly centralized server can become a single point of failure for the entire network, and a network centralized around one or a few connection hubs can abruptly fail if a single hub is disabled or removed.

[0005] A less centralized network (e.g., decentralized network) can have no single points of failure due to multiple data paths through the network and thus can be relatively

less vulnerable to random failures because, if some network paths fail, the remaining network users can still reach each other over other network paths. In general, a decentralized network typically includes a network topology that allows network users to distribute data, information and queries directly through other network users without
5 relying on a central facilitating server. However, determining locations of decentralized network users can be difficult because network paths do not originate from a particular network server and network users can be scattered throughout a region such that network paths follow random patterns.

SUMMARY

10 [0004] Embodiments of the invention overcome the deficiencies of the above prior approaches by providing methods and systems for improved distribution of content on a communication network, such as a decentralized network, a video distribution network and/or the Internet.

15 [0005] Embodiments of the invention provide systems and methods adapted to receive a video request message from a user, identify a location (e.g., longitude and latitude) of the user, identify a location of one or more overlay nodes nearest to the user, generate network organization information, and publish the network organization information to at least the client. In one aspect, the network organization information includes topology and routing information of the network.

20 [0006] Embodiments of the invention provide systems and methods adapted to receive a request for a video from a user on a network, stream a first portion of the requested video to the user from a first node in the network, separate a remaining portion of the requested video into a plurality of subsection portions, search one or more other nodes in the network for the subsection portions of the requested video, and stream one or more
25 of the subsection portions of the requested video to the user from one or more other nodes in the network.

30 [0007] Embodiments of the invention provide systems and methods adapted to receive a video request from a user, stream the requested video to the user, identify one or more interests of the user, obtain an advertisement related to the one or more interests of the user, interrupt the video stream of the requested video at an interrupt point to stream the advertisement to the user, and continue streaming of the requested video to the user.

[0008] These and other features and advantages of the invention will be more readily apparent from the detailed description of the embodiments set forth herein taken in conjunction with the accompanying drawings.

BRIEF DESCRIPTION OF THE FIGURES

5 [0009] Fig. 1 is block diagram illustrating a the video distribution system and components thereof in accordance with an embodiment of the invention.

[0010] Fig. 2 is a block diagram illustrating a method for publishing network organization information in accordance with an embodiment of the invention.

10 [0011] Fig. 3 is a block diagram illustrating a method for streaming video to a client on a network in accordance with an embodiment of the invention.

[0012] Figs. 4A-4B are block diagrams illustrating various implementations of a video subsection algorithm in accordance with embodiments of the invention.

15 [0013] Fig. 5 is a block diagram illustrating a method for distributing network and system related performance statistics of a network in accordance with an embodiment of the invention.

[0014] Fig. 6 is a block diagram illustrating an advertisement engine in accordance with an embodiment of the invention

[0015] Fig. 7 is a block diagram illustrating a method for providing an advertisement to a user in a network in accordance with an embodiment of the invention.

20 [0016] Fig. 8 is a block diagram illustrating a computer system suitable for implementing embodiments of the invention.

DETAILED DESCRIPTION

25 [0017] As discussed herein, embodiments of the invention disclose systems and methods for improving the distribution of content on a communication network, such as a decentralized network including the Internet as a decentralized network.

[0018] Fig. 1 shows an embodiment of a the video distribution system 100 comprising one or more infrastructure nodes 102, a client 104, one or more overlay nodes 106, a content provider interface 110, an advertiser interface 120 and one or more archive storage components 130. It should be appreciated that the video distribution system 100

may also be referred to as a video distribution network without departing from the scope of the embodiments of the systems and methods presented herein.

[0019] In one embodiment, the infrastructure node 102 comprises a plurality of components including an infrastructure agent 140, a streaming server 142, an ad engine 144, a storage component 146, a management module 148 and an analytics and statistics engine 150. The infrastructure node 102 comprises a point of presence (POP) in the video distribution system 100 and communicates with the client 104 and overlay nodes 106 via a communications network. In one example, the communications network may comprise a decentralized communications network including the Internet.

[0020] It should be appreciated that the infrastructure node 102 may be but one of a plurality of infrastructure nodes 102 in communication with each other, the client 104 and the one or more overlay nodes 106. Each of the infrastructure nodes 102 may be adapted to function as a retention server (RS) comprising high capacity storage facilities for archiving and storing content from the video distribution system 100 and/or as a super node comprising a node in the video distribution system 100 that hosts other nodes, such as the client 104 and/or one or more overlay nodes 106 in the system 100.

[0021] In one embodiment, the infrastructure agent 140 comprises an intelligent component that is adapted to communicate with an overlay network comprising one or more overlay nodes 106. In one implementation, the infrastructure agent 140 is used to function as a bootstrapping mechanism if an agent, such as the intelligent client 104, one or more intelligent overlay nodes 106 and/or one or more intelligent infrastructure nodes 102, is unable to locate one or more other agents to connect to. The infrastructure agent 140 may be viewed as a dependable agent for communication in the video distribution system 100. Hence, the infrastructure agent 140 has the ability to spread rumor data and information in the network 100 as an intelligent agent.

[0022] In one embodiment, the streaming server 142 comprises a computing device, such as a server, that is adapted to communicate with the client 104 via a communications network, such as the Internet. The streaming server 142 is adapted to communicate with one or more archive storage components 130, which may comprise one or more databases that store data and information, such as video data and information including high definition video data and information. The streaming server 142 may be

adapted for high throughput, optimized for high performance and scalable for supporting infrastructure pull from the client 104, one or more overlay nodes 106 and other infrastructure nodes 102 in the video distribution system 100. The streaming server 142 may be adapted to access a media store and/or a media cache to obtain archived or cached video data and information.

[0023] In one embodiment, the streaming server 142 may be adapted to periodically write statistics and logs. For example, when an incoming video access request is received, the streaming server 142 takes note of the requesting node, such as the client 104, and how much data was transferred to the requesting node. Within a particular time period, such as every few seconds, the streaming server 142 writes accumulated data and information for this transaction to a database depository, such as the storage component 146, for future queries. One reason for writing transactional data and information every few seconds is to lower the transactions per second of input into the streaming server 142.

[0024] In one embodiment, the streaming server 142 has a service module 108 installed thereon and is adapted for communication with nodes of the video distribution system 100 including the client 104, the one or more overlay nodes 106, and one or more other infrastructure nodes 102.

[0025] In one embodiment, the service module 108 comprises a software program that is adapted to facilitate, coordinate and manage communication between the client 104, overlay nodes 106 and other infrastructure nodes 102 in the video distribution system 100. When installed on a computing device, the service module 108 allows a user, such as the client 104, to download and view videos from the overlay nodes 106 and other infrastructure nodes 102. As discussed herein, in an attempt to access a video that is available on the video distribution system 100, the client 104 may first download the service module 108 from the streaming server 142 of the infrastructure node 102, and once the service module is installed, the client 104 is adapted to download one or more portions of the video from one or more overlay nodes 106. As with the client 104, each overlay node 106 has an installed service module 108 from the streaming server 142 for facilitating communication with the client 104, other overlay nodes 106 and other infrastructure nodes 102 in the video distribution system 100.

[0026] In one implementation, the installed service module 108 allows the infrastructure node 102 to function as an intelligent agent in the video distribution system 100 by allowing the infrastructure node 102 to communicate with other nodes in the system 100, such as the client 104 and the overlay nodes 106, and provide video data and
5 information to the other nodes in the system 100.

[0027] In one embodiment, the service module 108 comprises a lightweight OS (operating system) service running in the background (e.g., daemon service) that is adapted to interface with a media player, such as Windows Media Player, DIVX player, or similar player). In the context of software processes, background refers to processes that run with
10 a relatively low priority, require little or no input and generate a small amount of output. In multitasking operating systems, a daemon generally refers to a computer program that runs in the background without direct user control. Daemons may be adapted to perform a variety of tasks and configure hardware. The service module 108 (e.g., daemon process) transforms the client into an intelligent client that is configured to manage one or more
15 algorithms for combining infrastructure pull streaming and overlay streaming from the video distribution system and manages QoS (quality of service) for streaming including performing streaming bitrate management, bandwidth related optimizations, load balancing and hitless failover. The service module 108 may be downloaded from the streaming server 142 of the infrastructure node 102 and installed using a packaged installer and works
20 across NAT (network address translation) and firewalls. In general, NAT is a technique in which the source and/or destination addresses of IP packets are rewritten as they pass through a router or firewall.

[0028] In one embodiment, the ad engine 144 comprises a static server that functions as a logic machine to match video content and advertisements together by taking
25 into consideration statistics information, such as demographics, habits, location and tuple information (e.g., distributor, advertiser, content provider). Components of the ad engine 144 are discussed in greater detail herein in reference to Fig. 6.

[0029] In one embodiment, the storage component 146 comprises a memory component, such as a cache database, for storing data and information. The storage
30 component 146 may be adapted to utilize a massively scalable clustered file system including the media store, which may comprise a centralized archive physically distributed

across the infrastructure nodes 102. In one example, video data and information is stored and archived at the media store, which may be partitioned and located on a per client node basis. The storage component 146 may be adapted to utilize the media cache, which may be collocated as an intelligent cache with one or more streaming servers 142. The storage component 146 may be adapted to utilize algorithms to manage video data and information in the media store and/or the media cache based on frequency, demand, projected/real viewership, analytics and other parameters. The storage component 146 may be adapted for fast indexing and retrieval of video data and information. The storage component 146 may be adapted for on-demand pull from the media store and the media cache and optimized for synchronization across the media store and media cache.

[0030] In one embodiment, the management module 148 comprises an interface to alert nodes 102, 104, 106 of the video distribution system 100 of state changes by the rumor mechanism, such as but not limited to high load (e.g., notify to layoff some percent), as discussed in greater detail herein.

[0031] In one embodiment, the analytics and statistics engine 150 comprises one or more databases with an front-end application (e.g., web site user interface) that describes the distribution (e.g., nodes that have viewed video content and node demographics) of a piece of media and correlates metadata for users (e.g., customers, clients and/or overlay nodes) of the video distribution system 100.

[0032] In one embodiment, the client 104 comprises a user (e.g., end user, node, or similar structure) having a computing device, such as a personal computer, laptop computer, mobile device including a personal digital assistant and/or cell phone, or similar structure. The client 104 may interface with one or more nodes of the video distribution system 100 including one or more infrastructure nodes 102 and one or more overlay nodes 106 via an access module, such as a browser, to access and download content, data and information, including video content, data and information. In one example, the client 104 may surf a communications network, such as the Internet, and may attempt to access a web page having a link to a video that is available on the video distribution system 100. As discussed herein, in an attempt to view the video, the client 104 may be prompted to download and install the service module 108 that allows the user to download and view the video from one or more nodes in the video distribution system 100 with or without the use

of a browser. In one aspect, once the service module 108 is installed, the client 104 may be referred to as an intelligent agent, client, user or node.

[0033] In one implementation, the installed service module 108 allows the client 104 to function as an intelligent agent in the video distribution system 100 by allowing the client 104 to communicate with other nodes in the system 100, such as the one or more infrastructure nodes 102 and the one or more overlay nodes 106, and provide video data and information to the other nodes in the system 100.

[0034] In one embodiment, the overlay nodes 106 (e.g., edge nodes) comprise other clients (e.g., other user nodes) having a computing device, such as a personal computer, laptop computer, or similar structure. The overlay nodes 106 may have the service module 108 installed on their computing device and thus may be in contact with one or more infrastructure nodes 102 in the video distribution system 100. As discussed herein, in an attempt to access a video that is available on the video distribution system 100, the client 104 may download one or more portions of a video from one or more overlay nodes 106. As with the client 104, each overlay node 106 has an installed service module 108 for facilitating communication with the client 104, other overlay nodes 106 and one or more infrastructure nodes 102 on the video distribution system 100. In one aspect, once the service module 108 is installed, the one or more overlay nodes 106 may be referred to as an intelligent agent, client, user or node.

[0035] In one implementation, the installed service module 108 allows the one or more overlay nodes 106 to function as one or more intelligent agents in the video distribution system 100 by allowing the overlay nodes 106 to communicate with other nodes in the system 100, such as the one or more infrastructure nodes 102 and the client 104, and provide video data and information to the other nodes in the system 100.

[0036] In one embodiment, the content provider interface 110 comprises a module that allows one or more content providers 112 to access one or more infrastructure nodes 102, and the content provider interface 110 allows the content providers 112 to archive and store videos and related metadata to one or more archive storage components 130.

[0037] In one embodiment, the advertiser interface 120 comprises a module that allows one or more advertisers 122 to access one or more infrastructure nodes 102 via the

ad engine 144, and the advertiser interface 120 allows the advertisers 122 to archive and store video ads and metadata information to one or more archive storage components 130.

[0038] In one embodiment, the archive storage components 130 comprise one or more memory components, such as one or more databases, for archiving and storing data and information, such as video data and information, advertiser data and information, content data and information, or similar data information.

[0039] In one embodiment, the video distribution system 100 may comprise an overlay network of client nodes 104, overlay nodes 106 and infrastructure nodes 102 for streaming video and QoS. As discussed herein, an overlay protocol is adapted to use a rumor mechanism for distribution of network and system related performance statistics, server overloads, network congestions, service availability and related updates. The rumor mechanism is described in greater detail herein.

[0040] Embodiments of the invention provide systems and methods for improving content distribution by pipelining streams of content, data and information gathered from resources of a the video distribution system.

[0041] Embodiments of the invention utilize network resources from users online (storage cache, bandwidth and cpu cycles) and edge distribution servers, such as one or more infrastructure nodes, so that the cost of running and maintaining the video distribution system is reduced while the quality of service (QoS) is improved.

[0042] Embodiments of the invention allow users to put their favorite content, such as videos, on their websites or other websites with simple embed and object tags. As such, users are not required to host their own content at their expense, and users do not have to denigrate the quality of their content, including videos, to reduce the file size. The video distribution system presented herein allows users to distribute content and media without the high cost of conventional the video distribution systems.

[0043] Fig. 2 shows one embodiment of a method 200 for publishing network organization information including topology and routing information related to the video distribution system 100 in reference to Fig. 1.

[0044] The infrastructure node 102 receives a network video request message from the client (e.g., user) 104 attempting to access data and information, such as a video, from the video distribution system 100 (block 202). The infrastructure node 102

determines if the video request message from the client 104 is a first video request message (block 206). If yes, the infrastructure node 102 installs the service module 108 to the client, which runs in the background on the client 104 (block 210). Otherwise, if no, the infrastructure node 102 knows that the client 104 is already part of the video distribution system 100. The infrastructure node 102 attempts to identify a location of the client 104 by querying the client 104 for longitude and latitude information (block 212). Optionally, the infrastructure node 102 identifies locations of the nearest network servers based on location information received from the client 104 (block 216). The network servers are Internet based network servers. For example, if the client 104 is located in New Jersey, then the nearest Internet based network server may be located in New York.

[0045] Next, the infrastructure node 102 identifies a location of the nearest overlay nodes 106 in the video distribution system 100 (block 220), wherein the overlay nodes 106 may comprise other clients (e.g., users) in the video distribution system 100 that the client 104 may potentially connect to for accessing data and information, such as a video. For example, the infrastructure node 102 may choose a plurality of direct overlay nodes 106 nearest to the client 104 by determining the distance of the client 104 from each of the nearest overlay nodes 106 and sorting the direct edges nodes (e.g., overlay nodes) from nearest to farthest. Next, the infrastructure node 102 generates organization data and information related to the network topology and/or routing data and information of the video distribution system 100, which may comprise the location of the client 104, the location of the nearest Internet based network servers and the location of nearest overlay nodes 106 (block 224). The infrastructure node 102 then publishes the data and information related to the network organization to the client 104 and/or direct overlay nodes 106 of the client 104 (block 228).

[0046] In one embodiment, network organization data and information may include a network node topology and routing map of the video distribution system that indicates the nearest (e.g., closest) overlay nodes, the infrastructure nodes and network servers to the client. The network organization data and information may be generated, sorted and listed in a data structure, such as a list or table, and then provided to the client for local archiving and storage on the client. The network organization data and information allows the client to find the nearest overlay nodes, the infrastructure nodes and

network servers in the video distribution system for faster data access and retrieval.

[0047] In one embodiment, published parameters include node information, port information and location information. In one example, the data construct may comprise one or more of the following parameters: ip (internet protocol address), port
5 (communication portal number), long (longitudinal number of location), lat (latitudinal number of location), and netspeed (connection speed that may be learned through statistical analysis of ping response times).

[0048] In one embodiment, the infrastructure node organizes the video distribution system 100 according to a particular client so as to provide a faster and more
10 efficient way for the client to retrieve data and information from the video distribution system before searching for the data and information. The network organization information (e.g., network topology and routing information) provides the client a list of the nearest one or more overlay nodes so that the client may retrieve data and information from the overlay nodes before retrieving data and information from the Internet based
15 network servers. In one implementation, the infrastructure node may choose 80% of the overlay nodes nearest to the client and 20% of the overlay nodes randomly to increase diversity of the overlay nodes access by the client.

[0049] In one implementation, a user (e.g., client) accesses a web page that comprises a tag code for a video or other content on the video distribution system. If the
20 video request message is a first time, then the user is prompted to install a browser plug-in. Once the plug-in is installed on the user computer, then the web browser interprets the tag, which contacts at least one infrastructure node in the video distribution system to start streaming the video in the web browser by utilizing the operating system, browser, and other related functional components of the user. While the video is being streamed (e.g.,
25 played) to the user, dynamic targeted advertisements may be fetched by the infrastructure node and viewed by the user. Data retrieval from the video distribution system may be handled by proxy as described in greater detail herein.

[0050] In one implementation of method 200, referring to Figs. 1-2, the client 104 makes a video access request from the video distribution system 100. The infrastructure
30 node 102 determines if the access request from the client 104 is a first access request. If yes, the infrastructure node 102 installs the service module 108 to the client 104, which

runs in the background on the client 104. Otherwise, if no, the infrastructure node 102 knows that the client is already part of the video distribution system 100. Next, the client 104 determines its longitude and latitude location information. Next, the client 104 identifies a location of the nearest overlay nodes 106 in the video distribution system 100, wherein the overlay nodes 106 are other clients (e.g., users) in the video distribution system 100 that the client 104 may potentially connect to for accessing data and information, such as a video. For example, the client 104 may choose a plurality of overlay nodes 106 nearest to the client 104 by determining the distance of the client 104 from each of the nearest overlay nodes 106 and sorting the directed edges to overlay nodes 106 from nearest to farthest. Orthogonal to this, the infrastructure node 102 generates data and information related to the network topology and availability of nodes (both the overlay nodes 106 and infrastructure nodes 104) in the video distribution system 100. Next, the infrastructure node 102 then publishes this information related to the network organization to the client 104 and overlay nodes 106 in the network.

[0051] In some instances, the infrastructure node 102 may not be able to determine the location of the client 104. In this instance, the infrastructure node 102 may attempt to establish a location of the client 104 by utilizing a ping construct, wherein the infrastructure node 104 pings a plurality of overlay nodes 106 in the video distribution system 100 and chooses the quickest ping response as the pseudo-location for the client 104. In this way, the infrastructure node 102 applies the location (e.g., longitude and latitude) of the nearest overlay node 106 to the client 104. The infrastructure node 102 may change the pseudo-location of the client 104 if another overlay node 106 is determined to be closer to the client 104 than a previous overlay node 106.

[0052] In one embodiment, the client 104 may be adapted to learn location information of itself, such as latitude (lat) and longitude (long), from a central server in its first attempt to access a video on the video distribution network 100. The client 104 may then store the longitudinal and latitudinal information to facilitate learning and decision making from other nodes, including infrastructure nodes 102 and/or overlay nodes 106 in the system 100. The (lat, long) location information is 'remembered' (e.g., stored in memory) by the client 104. In one example, the client 104 is an entity (e.g., node) that tries to learn where it is in the video distribution system 100; i.e. the client 104 attempts to 'find

itself' (e.g., its own location) in the system 100.

[0053] In one embodiment, the infrastructure node 102 does not use a Domain Name Service (DNS) and does not use HTTP redirects, which is a common technique in a traditional content delivery network (CDN). In general, a DNS comprises a distributed data query service used by the Internet for translating hostnames into Internet addresses.

[0054] Embodiments of the invention define and implement video streaming technology and algorithms that address the limitations of conventional HTTP-based progressive downloads, the current generation of streaming protocols, and peer-to-peer based video distribution. As discussed in greater detail herein, embodiments of video streaming technology and algorithms utilize a combination of infrastructure video streaming from infrastructure nodes 102, overlay video streaming from one or more overlay nodes 106, intelligent video streaming to the intelligent client 104 having the installed service module 108, QoS (Quality-of-Service) management via the intelligent client 104, and security mechanisms to protect video content. Infrastructure streaming and overlay streaming are video streaming protocols and algorithms used to optimize bitrates and bandwidth required for video streaming to pipeline, prioritize and load balance video streams across multiple infrastructure and overlay nodes and manage streaming QoS. Infrastructure streaming may be driven from centralized infrastructure nodes, while overlay streaming may utilize decentralized overlay nodes for streaming, learning of network-related and service availability information (e.g., network topology, optimized routes, overloaded servers, and/or available data resources) and QoS management.

[0055] In one embodiment, the infrastructure node 102 may comprise a high performance HTTP-based streaming server cluster capable of horizontal scalability and high streaming throughput, which may run at more than 6 Gbps per node instance, and an overlay node 106 may run an instance of the intelligent client 104. As described herein, video streaming technology utilizes the intelligent client 104 to run the service module 108 as a lightweight background service on the end user's computer, which is adapted to manage video streaming and the associated QoS. The service module 108 may be downloaded (e.g., approximately a 1MB file size with a download time of about a few seconds) when an end user, such as the client 104, attempts to download a video from the video distribution system 100 for the first time by accessing an enabled video streaming

web site from the infrastructure node 102. The service module 108 may be adapted to be transparent to the end user's post-install to increase the user's experience while lowering the operational cost to the content providers. In one embodiment, the service module 108 functions as a proxy media player and runs in the background of the user's operating system (OS). The service module 108 may be adapted to be agnostic to media formats and media players, which enables algorithms and protocols presented herein to be applicable to multiple different media formats and players. The service module 108 works across NAT and firewall managed end-user computers, may be unnoticeable to a user, may be unintrusive and may deliver faster streaming videos..

[0056] In one embodiment, when an end-user, such as the client 104, requests a video stream from the video distribution system 100, the service module 108 performs an optimal combination algorithm on infrastructure video streaming and overlay video streaming of the video to the end-user to ensure a quick start and a smooth jitter-free viewing experience. The service module 108 pulls the video from its available pool of infrastructure nodes 102 and overlay nodes 106. The service module 108 does not need DNS (domain name service) resolution for access to multiple infrastructure nodes 102 and overlay nodes 106.

[0057] Fig. 3 shows one embodiment of a method 300 for streaming video to the client 104 on the video distribution system 100 in reference to Fig. 1.

[0058] The infrastructure node 102 receives a video request message from the client 104 (block 302). The infrastructure node 102 streams (e.g., uploads) a first portion of the requested video data from the nearest infrastructure node 102 (e.g., retention server) (block 306). The infrastructure node 102 starts playing the requested video on the client 104 (block 310). The infrastructure node 102 performs the video subsection algorithm on the requested video data file (block 314). After performing the video subsection algorithm on the requested video data file, the infrastructure node 102 searches the video distribution system 100 for the remaining subsection portions of the requested video (block 318). Next, the infrastructure node 102 continues streaming (e.g., uploading) the remaining subsection portions of the requested video according to a priority scheme (block 322), and the client 104 continues playing the remaining subsection portions of the requested video in priority order (block 326).

[0059] Fig. 4A shows one embodiment of implementing the video subsection algorithm, which creates subsections of the video data file based on the streaming (e.g., upload and/or download) capability of a particular infrastructure node and/or overlay node in the video distribution system. As shown in Fig. 4A, the video data file 400 may be separated into sections (section 1 thru section 6), and these sections may be separated into subsections (ss1 thru ss11) by the video subsection algorithm.

[0060] In one implementation, the infrastructure node 102 is adapted to stream a first subsection portion (ss1) of the requested video to the client 104 at a first data rate of 300kbps. The remaining subsection portions of the requested video may be streamed to the client 104 from various nodes at various rates depending on the data rate capability of a particular infrastructure node 102 and/or overlay node 106 in the video distribution system 100. For example, as shown in Fig. 4A, a second subsection portion (ss2) may be streamed at a data rate of 20kbps, one or more subsection portions (ss3, ss4, ss5, ss6) may be streamed at a data rate of 5kbps, another subsection portion (ss7) may be streamed at a data rate of 50kbps, and so on. The video subsection algorithm allows a video file to be separated (e.g., fragmented) into multiple subsection portions of varying sizes so that these subsection portions may be streamed more quickly to the client 104 from the overlay nodes 106 and/or infrastructure nodes 102 without adversely affecting the quality of service (QoS) of viewing the video by the client 104.

[0061] Fig. 4B shows one embodiment of implementing the video subsection algorithm with reference to a critical point (CP) of the video stream. In one example, when a video download is requested by the client 104, the infrastructure node 102 streams a first portion of the video while the service module 108 on the client 104 attempts to download the remaining portions of the video from one or more overlay nodes 106 or other nodes in the video distribution system 100. In one implementation, the streaming algorithm is adapted to specify the critical point based on upload bandwidth capacities of overlay nodes 106.

[0062] In one embodiment, as shown in Fig. 4B, the critical point refers to a position 420 in a video data file 400 where a first subsection portion (ss1) may stop streaming and a second subsection portion (ss2) may start streaming based on the bandwidth capability of a particular overlay node 106 and/or infrastructure node 102. The critical point

may occur in any position within the video stream. Fig. 4B shows one example, and thus, other critical point positions may be provided depending on the streaming capabilities of the node and the number of subsection portions created by the video subsection algorithm. This feature allows for richer pipelining of the streaming process for the video data file, which translates to video streaming speedup (e.g., faster streaming) for the client 104.

[0063] In one implementation, referring to Figs. 1 and 3-4B, an intelligent client 104 is adapted to send a video access request to the nearest infrastructure node 102. The streaming server 142 on the infrastructure node 102 starts streaming the requested video bits to the intelligent client 104 using a streaming protocol, such as a standard HTTP protocol, which may be referred to as infrastructure streaming. The service module 108 on the intelligent client 104 performs the video subsection algorithm on the requested video. The intelligent client 104 accesses the video distribution system 100 for the remaining subsection portions of the requested video by assigning dynamic priorities to the remaining subsection portions streamed from infrastructure nodes 102 and overlay nodes 106. In one aspect, streaming from the overlay nodes 106 of the video distribution system 100 may be referred to as overlay streaming.

[0064] In one embodiment, for a higher level of QoS, the intelligent client 104 maintains an optimal bitrate for the video playback based on the broadband download speed and performs prioritization and optimizations on how the subsection portions of the video is assembled across the available pool of infrastructure nodes 102 and overlay nodes 106 without needing a contiguous download similar to the conventional HTTP-based progressive download. As discussed herein, the intelligent client 104 and intelligent overlay nodes 106 use a learning algorithm to incrementally learn about network topology, route optimizations for access to the infrastructure and overlay nodes, network congestions and service availability conditions. The client 104 may then use this information to find the streaming bits from an available pool of infrastructure nodes 102 and overlay nodes 106 using an optimal least cost algorithm. As the intelligent client 104 aggregates subsection portions of the video across both infrastructure nodes 102 and overlay nodes 106, the client 104 effectively manages the flow to recover from any type of network congestion or service availability condition with seamless failover invisible to the client 104. For example, if multiple infrastructure nodes 102 aggregated in a single data center fail

midstream or the bandwidth is overloaded, buffering may not occur for the client 104 due to the use of intelligent agent technology of the service module 108.

[0065] In one embodiment, the video streaming technology of the present disclosure distributes streaming load and QoS optimizations across a combination of centralized infrastructure nodes 102 and overlay nodes 106 to thereby lower the cost of distribution for content owners and video distribution sites as compared to conventional centralized video distribution networks. The video streaming technology of the present disclosure may be adapted to balance and distribute a streaming load across multiple nodes of optimal capacity. Therefore, instead of building infrastructure and charging content owners for peak load capacity, the algorithms presented herein lead to optimal infrastructure resources without causing any degradation on the end user experience and overall system capacity.

[0066] In one embodiment, the priority scheme provides a way to stream subsection portions of a video data file from overlay nodes 106 first, then from the infrastructure nodes 102 and then from Internet based servers, which may be connected to the video distribution system 100. This priority scheme improves QoS to the user (e.g., the client 104) by providing a more efficient and cost effective way of downloading video data and information from overlay nodes 106 first. If one or more of the overlay nodes 106 do not have a particular data file, then the infrastructure nodes 102 may provide a secondary resource for video data and information. Otherwise, if the overlay nodes 106 and the infrastructure nodes 102 do not have a particular data file, then Internet based servers may be queried to provide particular data files that the overlay nodes 106 and/or the infrastructure nodes 102 may not have stored locally.

[0067] In one embodiment, a dynamic priority scheme for video streaming provides a mechanism to stream subsection portions of a video from overlay nodes 106 and streaming servers 142 on infrastructure nodes 102. This may be considered as separating or fragmenting a video stream into multiple sub-streams (e.g., subsections) with different priorities, which may then be streamed from multiple sources (e.g., overlay nodes 106 an/or infrastructure nodes 102) in the video distribution system 100. The intelligent client 104 having the service module 1008 may utilize the dynamic priority scheme to manage QoS for video streaming.

[0068] In one embodiment, the intelligent client 104 may be adapted to stream video using the following algorithm activities.

[0069] Referring to Fig. 4B, to a certain critical point on a video playback timeline, the streaming bits may be acquired from the ad engine 144. The critical point may be determined as a function of the video's bitrate, the client's download speed, or both adjusted by a dynamically updateable dampening factor required to maintain a smooth (e.g., jitter free) video experience for the end user. The critical point may be calculated by bitrate (audio + video) * seconds for buffering. The seconds for buffering may be calculated by a playback buffer divided by maxrate possible for the client system + (playback buffer/maxrate * X), where X is an arbitrary dampening factor chosen based on statistics of usage. In one example, the dampening factor (X) may be given an initial value of 15%. However, this value may be increased to a value greater than 15%. The dampening factor may be considered as a parameter that may be updated using the rumor mechanism, as described herein.

[0070] The intelligent client 104 may dynamically adjust the critical point based on video performance statistics (e.g., buffering, playback start time, or other similar performance statistics) being collected related to video playback, bitrate and download speed. The algorithm may be adapted to optimize the critical point to be as close to the start of the video as possible to allow for download of the remaining subsection portions of the video from other nodes, such as the overlay nodes 106.

[0071] Once the critical point is reached, the intelligent client 104 may be adapted to manage priorities of the remaining subsection portions of the video using a least cost function for the prioritization. In one implementation, the algorithm may attempt to stream higher priority subsection portions of the video first from the overlay nodes 106 to drive the cost of video streaming lower. If the client 104 cannot find the higher priority remaining subsection portions of the video from the overlay nodes 106, then the client 104 may utilize the infrastructure nodes 102 to stream the remaining subsection portions of the video.

[0072] It should be appreciated that in reference to the above described algorithm, the size of subsection portions of the video may be variable during streaming and may be dynamically updateable using the rumor mechanism, as described in greater detail herein.

For example, the initial size of subsection portions of the video may be 512 Kbs for infrastructure streaming, but as subsections are prioritized and streamed from the overlay nodes 106, the sizes may vary based on subsection availability from the overlay nodes 106 and/or the infrastructure nodes 106. Infrastructure and overlay streaming does not use
5 DNS (domain name service) or HTTP (hyper text transfer protocol) redirects because the IP address and infrastructure updates may be passed from one node to another using the rumor mechanism and stored locally for quick access.

[0073] In one implementation, the priority assigned to a subsection portion of a video may be a least cost function of applicable bitrate range for the video that maintains
10 the smooth video experience for the end user, available download speed on the client performing the video playback, availability and distribution topology of the subsection portions in the video distribution system 100, and position of the subsection portions in the timeline of the video. For example, a subsection portion ahead in the video timeline may have higher priority than a subsection portion later in the playback timeline.

[0074] In another implementation, the priority assigned to a subsection may be a
15 least cost function that estimates the cost of streaming the subsection portions from multiple available sources (e.g., overlay nodes 106 and infrastructure nodes 102) in the video distribution system 100. This function may be computed based on characteristics, such as bandwidth, computing resources and routing cost, and may be computed
20 dynamically based on topology, location and availability of the overlay nodes 106 and/or the infrastructure nodes 102 in the video distribution system 100. The cost of streaming may be a function of infrastructure bandwidth, which may be calculated at 95th percentile of rate, data delivered and computing resource usage.

[0075] In one example, the least cost function may be calculated or computed in
25 the following manner. The client 104 may request a video that starts streaming from the infrastructure node 102 with a first cost factor of, for example, 50 attached to it, which may be in some direct or pseudo-monetary form. After the critical point plays back, the client 104 may be able to choose from a number, such as 10, of overlay nodes 106 for retrieving the video data. A number, such as 7, of those overlay nodes 106 may have a cost factor of
30 zero associated therewith along with one of the overlay nodes 106 having a cost factor of 50, one of the overlay nodes 106 having a cost factor of 60, and another one of the overlay

nodes having a cost factor of 70. The client 104, having the installed service module 106 and functioning as an intelligent node, would first attempt to acquire video data from the 7 overlay nodes 106 having the associated cost factor of zero. Based on the rate at which the client 104 is acquiring the video data, the client 104 may separate the video file into
5 subsection portions of sizes ranging from about 512 to 2kb. If the buffer falls under a certain value that could cause starvation, the client 104 may then acquire video data from the next least costly overlay node 106 with the cost factor of 50 associated therewith. If the rate still drops and quality of service is engendered, the client 104 may acquire video data from the overlay node 106 with the cost factor of 60, and so on until the video file
10 streaming process is complete. If buffer starvation is not encountered and QoS is maintained, the client 104 may continue to acquire video data from the one or more overlay nodes 106 having the least cost factor.

[0076] In one embodiment, the video subsection algorithm provides a high quality of service (QoS) and low cost (LC) for an optimal user experience. In streaming
15 media with a high QoS and LC, the optimal user experience vs. associated costs may be achieved by first organizing used edges (e.g., overlay nodes 106) from a known pool of overlay nodes 106 by physically closest (longitude, latitude) to the node connecting, such as the client 104 (e.g., user node). In the case of a node, such as the client 104, being unable to acquire location information (e.g., longitude, latitude), the client 104 (e.g., user
20 node) should first connect to overlay nodes 106 at random, ping each overlay node 106, take on the location information (e.g., longitude, latitude) of the overlay node 106 with the lowest latency, and denote the location with a mark as a reminder that the location information is based on a 'fuzzy' decision. The client 104 should continue with normal operation (e.g., staying connected) and, while operating normally, repeat the 'searching for
25 self' until the best possible guess to the actual location (e.g., longitude, latitude) of the client 104 is found. In one aspect, a network map organized in this manner provides a way for video data closest to the requesting node, such as the client 104, to be found first in a search for video data requested from the video distribution network 100. In another aspect, the ability to acquire the data is high due to the high locality of the data.

30 [0077] In one embodiment, when streaming media with a high QoS and LC, the optimal user experience vs. cost may be achieved by acquiring first bytes delivered (FBD)

of a media file to some critical point (CP) in the media file, where the CP is defined by a buffer that would allow for a seamless hitless failover (HF). In one aspect, hitless failover may be defined as the ability to recover from error without a human noticeable change in QoS, such as jitter in viewing a downloading video. The CP may be determined by a calculation of bytes-in-file multiplied by a damping factor. In one aspect, the dampening factor may be created by using information about a node's connection speed and physical performance capabilities and by using the location of where video data is obtained through a known server when the server is known by the rumor mechanism, which is discussed in greater detail herein. In some implementations, an optimal method of obtaining FBD (first bytes delivered) does not use DNS (domain name service) redirects or HTTP (hyper text transfer protocol) redirects because IP address and infrastructure updates are passed by the rumor mechanism, which is discussed in greater detail herein.

[0078] In one embodiment, once the CP is reached, an algorithm change may occur to a least cost with the optimal QoS algorithm, where cost may be defined as a monetary expenditure burdened by the infrastructure provider of the video streaming service. In one example, a form of the algorithm may be common first from servers, where cost is zero and yields a greatest probability of data acquisition from a non-cost overlay node 106, and rarest first from reliable infrastructure nodes 102 having a cost that may be greater than zero.

[0079] In one implementation, the algorithm is as follows given that there are multiple overlay nodes (e.g., edges) 106 with an associated cost (cost, edge, rate, and/or global chance):

[0080] With M being defined as the minimal edges required to achieve the QoS needed to maintain the critical rate (CR), which is defined by (min bitrate needed for consistent streaming * dampening factor) + (min bitrate needed for consistent streaming), global chance (GC) being defined as a simple weight to facilitate a decision based on a percentage of global resources (infrastructure loads) such as a global chance of 50 the decision is as follows take a random number mod 100 iff $GC < (\text{this number})$ use the edge to acquire data. This may facilitate a decentralized intelligent load balancing. In some implementations, some edges may not have an associated GC.

[0081] Sort all edges by cost, where cost is $k=0$ is lowest cost,

[0082] Using the mapping $EDGE \rightarrow (RATE\ OF\ ACQUISITION)$ acquire data iff $EDGE$ is within GC :

$$(\text{bitrate for streaming}) < \sum_{K=0}^N EDGE_K \leq CR \quad \forall \text{ parts past the CP}$$

5 **[0083]** In one embodiment, it should be appreciated that as shown by the pigeon hole principle, an increase in the finish time may be created allowing a time delay that works in favor of facilitating least cost with optimal quality of service (QoS), whereas other traditional content delivery networks and hybrid networks, such as peer-to-peer (p2p) and infrastructure servers, would have more data delivered from more costly edges and/or
10 nodes.

[0084] Fig. 5 shows one embodiment of a method 500 for distributing network and system related performance statistics of the video distribution system 100 in reference to Fig. 1. Performance statistics of the video distribution system 100 may include server overloads, network congestions and availability of service updates, which may be passed
15 through the infrastructure nodes and overlay nodes via a rumor mechanism and an overlay network protocol. Method 500 of Fig. 5 provides a protocol construct that allows for secure data usage throughout the video distribution system 100, and method 500 provides a rumor passing algorithm for infrastructure nodes and overlay nodes to validate commands and propagate messages. Some commands may include a delete command, an
20 undelete command, an update command, and a publish command.

[0085] In one embodiment, the delete and undelete commands provide access control for the distribution of videos on the video distribution system 100. For example, the infrastructure node may spread a rumor message to overlay nodes to delete particular video from storage and block further distribution thereof on the video distribution system
25 100. In another example, the infrastructure node may spread a rumor message to overlay nodes to undelete particular video from storage and allow further distribution thereof on the video distribution system 100.

[0086] In one embodiment, an update command informs nodes (including infrastructure nodes, clients and/or overlay nodes) of performance statistics and performance
30 states of nodes on the video distribution system 100. For example, if resource contention is

high for one or more particular nodes, then the infrastructure node 102 may send a rumor message to overlay nodes 106 to update the performance statistics and states of the overlay nodes 106 so that some of the overlay nodes 106 use a different infrastructure node 102 to access resources. Also, a dampening factor may be passed with the update command, such as
5 a dampening factor of 20% that informs the nodes that a portion should continue downloading from the overloaded infrastructure node 102, but a portion should access a different infrastructure node 102. In another example, the location of one or more nodes may change, and thus, the infrastructure node 102 may send a rumor message to one or more overlay nodes 106 informing them of these network changes. Other passable update
10 information may include the addition and deletion of one or more overlay nodes 106 and/or infrastructure nodes 102 to and from the video distribution system 100, respectively.

[0087] In one embodiment, resource conditions or resource contention may be based on bandwidth currently being used by a particular node. For example, if a server's bandwidth is overused, this resource condition may necessitate the creation of a layoff
15 rumor to be sent throughout the network 100. In another example, if a server is down or fails, other nodes may take note of this resource condition and alert other nodes in the network 100 via rumor of network discontinuities.

[0088] In one embodiment, a publish command informs nodes (including infrastructure nodes, clients and/or overlay nodes) of the location of other nodes and the
20 location of particular video data files in one of those nodes. The publish command may include parameters for overlay nodes and/or infrastructure nodes, such as IP address, portal number, longitude and latitude.

[0089] In one embodiment, referring to Fig. 5, a node (including at least one of an infrastructure node, client and/or overlay node) generates a message (block 502) and
25 asymmetrically signs or encrypts the message (block 506), which may be referred to as a rumor message. The encrypted rumor message is sent (block 510) to one or more overlay nodes and/or infrastructure nodes. The receiver of the encrypted rumor message then uses a public key to decrypt the rumor message (block 514) and check the validity of the rumor message (block 518). If the rumor message is invalid, then the message is deleted (block 522), and the
30 message is not passed to any other node in the network 100. Otherwise, if the message is valid, the receiver of the rumor message stores the decrypted rumor message (block 526) and then

passes the message (block 526) to another overlay node and/or infrastructure node that was not the originator of the rumor message. This process may be repeated so as to pass the rumor message to each overlay node and/or infrastructure node in the video distribution system 100.

5 **[0090]** In one embodiment, the rumor message may be spread throughout the network via fast speed or a slow speed depending on the characteristics of the rumor message. For example, a rumor message may be given a high priority for a fast spread so that each overlay node that receives the rumor message immediately passes it to another overlay node. In another example, a rumor message may be given a low priority for a
10 slower spread so that each node that receives the rumor message may perform other tasks before passing the rumor message to other overlay nodes.

[0091] In one embodiment, the method of Fig. 5 may be used by the client, the overlay nodes and/or the infrastructure node to propagate rumor messages throughout the video distribution system and to any overlay nodes that may connect to the network in the
15 future so as to ensure that each and every overlay node receives the rumor message. This method allows for the broadcasting of rumor messages to be relayed through the video distribution system 100. The rumor message may be sent to any node in the system 100 to initiate the process of spreading the rumor message.

[0092] Fig. 6 shows an embodiment of the ad engine 144 (e.g., advertisement
20 engine) as discussed in reference to Fig. 1.

[0093] In one embodiment, the ad engine 144 comprises an ad recommendation engine 602, a geo location storage 604, a video storage 606, a video metadata storage 608, an ad metadata storage 610 and an ad storage 612. The ad engine 144 interfaces with a dynamic playlist server 620 and the streaming server 142 of the infrastructure node 102 via
25 an ad statistics collection and analytics component 630. The ad engine 144 interfaces with one or more content providers 112 via content provider interface 110 and with one or more advertisers 122 via advertiser interface 120. It should be appreciated that one or more of these components of the ad engine 144 may be integrated as part of the infrastructure node 102 without departing from the scope of the present disclosure.

30 **[0094]** In one embodiment, the ad recommendation engine 602 comprises backend logic for matching and/or pairing content, distributors of content and

advertisements for distributed video content, data and information. In various implementations, the ad recommendation engine 602 uses contextual means (e.g., what is said and interpreted in the video), metadata (e.g., description of the video), static lists, bidding systems, demographic matching (e.g., who is currently watching) and access control lists (e.g., who may watch what video where and how) for consideration of ad suggestions and/or recommendations.

[0095] In one embodiment, the geo location storage 604 comprises a memory component, such as a database, for storing data and information, such as geographic location data and information of overlay nodes, infrastructure nodes, and various other servers within the video distribution system.

[0096] In one embodiment, the video storage 606 comprises a memory component, such as a database, for archiving and storing data and information including video data and information provided by one or more content providers 112 via the content provider interface 110, which may include one or more video owners and publishers.

[0097] In one embodiment, the video metadata storage 608 comprises a memory component, such as a database, for storing data and information including video metadata and information of videos archived and stored on the video storage. In general, metadata comprises data that is used to describe other data, and data definitions may be referred to as metadata. Some metadata, such as file dates and sizes, may be seen by users, and other metadata may be hidden or embedded and unavailable to computer users who are given access privileges. Some metadata may include information about security or rights management information.

[0098] In one embodiment, the ad storage 612 comprises a memory component, such as a database, for archiving and storing data and information including advertising video data and information provided by one or more advertisers 122 via the advertiser interface 120, which may include one or more advertisers, advertisement campaign managers and/or advertisement exchange networks.

[0099] In one embodiment, the ad metadata storage 610 comprises a memory component, such as a database, for storing data and information including ad metadata and information of video advertisements archived and stored on the ad storage. As discussed above, some ad metadata may include information about security or rights management

information.

[00100] In one embodiment, the dynamic playlist server 620 comprises a server that is adapted to use a suggestion and/or recommendation for what is to be played next based on what is currently being played. For example, if the client 104 and/or overlay node 106 is watching a first installment of a video, then the dynamic playlist server is adapted to play the next installment of the video thereafter. The dynamic playlist server 620 provides the ability to statically link data and information together. For example, the client 104 and/or overlay node 106 may request that the next installment of the video should follow the viewing of the current viewed installment of the video.

[00101] In one embodiment, the ad statistics collection and analytics component 630 comprises one or more databases with a front-end application (e.g., web site user interface) that describes the distribution (e.g., nodes that have viewed the advertisement content and node demographics) of a piece of advertisement media and correlates advertisement metadata for users (e.g., customers, clients and/or overlay nodes) of the video distribution system 100.

[00102] Fig. 7 shows one embodiment of a method 700 for providing an ad (e.g., video advertisement) to a user (e.g., client) in the video distribution system 100 in reference to Figs. 1 and 7. The infrastructure node 102 utilizes the ad engine 144 and various other components to provide the advertisement to the client 104.

[00103] The infrastructure node 102 receives a video request from the client 104 (block 702). The video request may be viewed via a client resource module, such as a web browser, used by the client 104. The video request may include other types of data requests including audio data and various other types of data and information available on the video distribution system 100. In response to the video request, the infrastructure node 102 starts to stream the requested video to the client 104 (block 706). Next, the infrastructure node 102 identifies interests of the client 104 by accessing the client's resources, such as browser data and information, cookie data and information, or other similar information, from the client 104 (block 710).

[00104] In one example, the infrastructure node 102 gathers information from the client 104 via the client's browser cache and cookies folder so as to gather statistics for targeted advertisements. In another example, the infrastructure node 102 may gather

statistical information from the client 104 via information related to installed programs and usage thereof under privacy policies and user opt-in.

[00105] After identifying the client's interests, the infrastructure node 102 interfaces with the ad recommendation engine 602 for one or more advertisement recommendations based on at least the statistics information gathered from the client 104 (block 714). Next, the infrastructure node 102 obtains one or more advertisements based on at least the ad recommendations received from the ad recommendation engine 602 (block 718).

[00106] In one example, advertisements may be obtained from the ad storage 612 via an advertisement index, which may comprise a database of advertisement identification numbers for use in pulling advertisement data from the ad storage 612 and/or from one or more other nodes in the video distribution system 100.

[00107] After obtaining one or more advertisements, the infrastructure node 102 provides the advertisements to the client 104 (block 722). In one embodiment, the advertisements may be provided midstream during viewing of a requested video, wherein the advertisements may be viewed midstream by the client 104. The advertisements may be positioned between subsection portions of the requested video so that the client views the advertisements and video in an uninterrupted manner. The QoS of the video stream remains high so that the client as viewer has a high quality viewing experience. Next, the video streaming is continued (block 726). It should be appreciated that additional advertisements may be played in between other subsection portions of the video without departing from the scope of the present disclosure.

[00108] In one embodiment, a video may be requested by a client at a website provided by the video distribution system. The request is sent to a node, such as an infrastructure node, in the video distribution system that starts to stream (e.g., upload) the requested video and initiates playback. The infrastructure node then queries the ad recommendation engine to lookup a type of advertisement that may be provided to the client, and the ad recommendation engine returns a global unique identifier of the advertisement that may be retrieved and played at a given point specified by the content provider. The advertisement is retrieved from a node of the video distribution system and then played back at the point specified by the content provider. After an ad is played back an event is

fired, which sends data that specified the advertisement was played to the ad statistics collection and analytics component. The infrastructure node may allow the data to be visible (e.g., unencrypted) so that the client is aware that no personal data is being sent to an outside agency.

5 **[00109]** In one embodiment, a pause point may be specified by one or more content providers where an advertisement may be inserted in between video subsection portions. The content of the video may be played until the pause point is reached, and then the advertisement may be streamed seamlessly with the video, which may then be followed by the remaining content of the video. The user experience comprises a
10 combination of the video content and advertisement being played together.

[00110] In one embodiment, the advertisement choice may be determined by the ad recommendation engine by collecting statistics about the client from the browser cache, cookie cache, installed programs and usage, website currently viewed, data being requested and various other locally stored data. The ad engine may store a file that is constantly
15 updated from the network, which is adapted to map user demographics to global unique identifiers of advertisements so that advertisements can be identified for retrieval from the network. Other methodologies may be used to fetch advertisements via the ad engine including content, time of day and date. Other types of ads that may be recommended by the ad recommendation engine may include picture or text data.

20 **[00111]** Fig. 8 is a block diagram illustrating a computer system 800 suitable for implementing embodiments of the invention including, for example, the client, one or more overlay nodes and one or more streaming servers. Computer system 800 includes a bus 802 or other communication mechanism for communicating information, which interconnects subsystems and components, such as processor 804, system memory
25 component 806 (e.g., RAM), static storage component 808 (e.g., ROM), disk drive component 810 (e.g., magnetic or optical), communication interface 812 (e.g., modem or Ethernet card), display component 814 (e.g., LCD), input component 816 (e.g., keyboard), and cursor control component 818 (e.g., mouse).

[00112] In accordance with embodiments of the invention, computer system 800
30 performs specific operations by processor 804 executing one or more sequences of one or more instructions contained in system memory component 806. Such instructions may be

read into system memory component 806 from another computer readable medium, such as static storage component 808 or disk drive component 810. In other embodiments, hard-wired circuitry may be used in place of or in combination with software instructions to implement the invention.

5 **[00113]** Logic may be encoded in a computer readable medium, which may refer to any medium that participates in providing instructions to processor 804 for execution. Such a medium may take many forms, including but not limited to, non-volatile media, volatile media, and transmission media. In various implementations, non-volatile media includes optical or magnetic disks, such as disk drive component 810, volatile media
10 includes dynamic memory, such as system memory component 806, and transmission media includes coaxial cables, copper wire, and fiber optics, including wires that comprise bus 802. In one example, transmission media may take the form of acoustic or light waves, such as those generated during radio wave and infrared data communications.

[00114] Some common forms of computer readable media include, for example,
15 floppy disk, flexible disk, hard disk, magnetic tape, any other magnetic medium, CD-ROM, any other optical medium, punch cards, paper tape, any other physical medium with patterns of holes, RAM, PROM, EPROM, FLASH-EPROM, any other memory chip or cartridge, carrier wave, or any other medium from which a computer is adapted to read. In various embodiments of the invention, execution of instruction sequences to practice the
20 invention may be performed by computer system 800. In various other embodiments of the invention, a plurality of computer systems 800 coupled by communication link 820 (e.g., LAN, PTSN, or wireless network) may perform instruction sequences to practice the invention in coordination with one another.

[00115] Computer system 800 may transmit and receive messages, data,
25 information and instructions, including one or more programs (i.e., application code) through communication link 820 and communication interface 812. Received program code may be executed by processor 804 as received and/or stored in disk drive component 810 or some other non-volatile storage component for execution.

[00116] Where applicable, various embodiments of the invention may be
30 implemented using hardware, software, or various combinations of hardware and software. Where applicable, various hardware components and/or software components set forth

herein may be combined into composite components comprising software, hardware, and/or both without departing from the scope and functionality of the present disclosure. Where applicable, various hardware components and/or software components set forth herein may be separated into subcomponents having software, hardware, and/or both
5 without departing from the scope and functionality of the present disclosure. Where applicable, it is contemplated that software components may be implemented as hardware components and vice-versa.

[00117] Software, in accordance with the present disclosure, such as program code and/or data, may be stored on one or more computer readable mediums. It is also
10 contemplated that software identified herein may be implemented using one or more general purpose or specific purpose computers and/or computer systems, networked and/or otherwise. Where applicable, ordering of various steps described herein may be changed, combined into composite steps, and/or separated into sub-steps to provide features described herein.

[00118] In view of the present disclosure, it should be appreciated that the
15 invention may be practiced with modification and alteration within the scope of the appended claims. The description presented herein is not intended to be exhaustive or to limit the invention to the precise form disclosed. It should be appreciated that the invention may be practiced with modification and alteration and that the invention may be
20 limited only by the claims and the equivalents thereof.

APPENDIX

[File/Folder]	[Date]	[Size in Bytes]
F:\patent		
build-all.bat	7/30/2007 12:38	1,660
build-all.sh	7/30/2007 12:38	396
F:\patent\adserver		
ad.php	7/30/2007 12:38	1,206
F:\patent\cms		
build.sh	7/30/2007 12:36	1,010
Makefile	7/30/2007 12:36	2,604
F:\patent\cms\conf		
database.inc.php	7/30/2007 12:36	290
httpd.conf	7/30/2007 12:36	35,913
php.ini	7/30/2007 12:36	47,513
F:\patent\cms\conf\MCASJ		
F:\patent\cms\conf\MCASJ\etc		
my.cnf	7/30/2007 12:36	349
php.ini	7/30/2007 12:36	46,196
F:\patent\cms\conf\MCASJ\etc\httpd		
F:\patent\cms\conf\MCASJ\etc\httpd\conf		
httpd.conf	7/30/2007 12:36	34,589
httpd.conf.pre_ssl	7/30/2007 12:36	34,085
httpd.conf.save-061407	7/30/2007 12:36	33,750
magic	7/30/2007 12:36	12,958
F:\patent\cms\conf\MCASJ\etc\httpd\conf.d		
php.conf	7/30/2007 12:36	560
proxy_ajp.conf	7/30/2007 12:36	566
README	7/30/2007 12:36	392
ssl.conf.org	7/30/2007 12:36	9,677
welcome.conf	7/30/2007 12:36	299
F:\patent\cms\db		

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db_schema.xml	7/30/2007 12:36	88,950
F:\patent\cms\html		
ad.php	7/30/2007 12:36	1,323
index.php	7/30/2007 12:36	5,447
jittr.php	7/30/2007 12:36	9,956
robots.txt	7/30/2007 12:36	25
SkinOverPlaySeekFullscreen.swf	7/30/2007 12:36	5,952
World.xml	7/30/2007 12:36	659
F:\patent\cms\html\ad		
ad.php	7/30/2007 12:35	1,309
me.php	7/30/2007 12:35	721
o.php	7/30/2007 12:35	418
F:\patent\cms\html\api		
index.php	7/30/2007 12:36	5,872
licence	7/30/2007 12:36	1,121
main.php	7/30/2007 12:36	86,385
upload.pl	7/30/2007 12:36	2,590
F:\patent\cms\html\api\conf		
conf.inc.php	7/30/2007 12:36	726
conf.uploader	7/30/2007 12:36	44
cpui_version.inc.php	7/30/2007 12:36	111
version.inc.php	7/30/2007 12:36	111
F:\patent\cms\html\api\inc		
adLDAP.php	7/30/2007 12:36	3,228
createZip.inc.php	7/30/2007 12:36	4,889
JSON.php	7/30/2007 12:36	34,669
magic	7/30/2007 12:36	421,964
mimetypehandler.class.php	7/30/2007 12:36	931
mime_types.ini	7/30/2007 12:36	4,464
F:\patent\cms\html\api\mstore		

[File/Folder]	[Date]	[Size in Bytes]
api.php	7/30/2007 12:36	14,050
msheader.php	7/30/2007 12:36	1,130
mstore.ini	7/30/2007 12:36	923
README	7/30/2007 12:36	459
test.php	7/30/2007 12:36	1,083
util.inc.php	7/30/2007 12:36	804
F:\patent\cms\html\css		
css.php	7/30/2007 12:35	187
ext-all.css	7/30/2007 12:35	72,835
jitr.css	7/30/2007 12:35	4,532
F:\patent\cms\html\ext		
connection.js	7/30/2007 12:36	10,524
ext-all-debug.js	7/30/2007 12:36	803,327
ext-all.js	7/30/2007 12:36	465,421
ext-yui-adapter.js	7/30/2007 12:36	10,913
js.list	7/30/2007 12:36	58
states.js	7/30/2007 12:36	1,801
yahoo.js	7/30/2007 12:36	2,808
yui-utilities.js	7/30/2007 12:36	47,327
F:\patent\cms\html\images		
block-bg.gif	7/30/2007 12:36	834
body-grad.png	7/30/2007 12:36	640
headerbar.png	7/30/2007 12:36	242
logo.png	7/30/2007 12:36	10,243
F:\patent\cms\html\images\ aero		
gradient-bg.gif	7/30/2007 12:36	1,472
s.gif	7/30/2007 12:36	43
F:\patent\cms\html\images\ aero\ basic-dialog		
aero-close-over.gif	7/30/2007 12:36	1,109
aero-close.gif	7/30/2007 12:36	882

[File/Folder]	[Date]	[Size in Bytes]
bg-center.gif	7/30/2007 12:36	863
bg-left.gif	7/30/2007 12:36	1,201
bg-right.gif	7/30/2007 12:36	1,202
close.gif	7/30/2007 12:36	350
collapse-over.gif	7/30/2007 12:36	1,030
collapse.gif	7/30/2007 12:36	851
e-handle.gif	7/30/2007 12:36	995
expand-over.gif	7/30/2007 12:36	1,044
expand.gif	7/30/2007 12:36	875
hd-sprite.gif	7/30/2007 12:36	980
s-handle.gif	7/30/2007 12:36	992
se-handle.gif	7/30/2007 12:36	838
w-handle.gif	7/30/2007 12:36	817
F:\patent\cms\html\images\aero\grid		
grid-blue-split.gif	7/30/2007 12:36	817
grid-hrow.gif	7/30/2007 12:36	838
grid-split.gif	7/30/2007 12:36	817
grid-vista-hd.gif	7/30/2007 12:36	829
pspbrwse.jbf	7/30/2007 12:36	6,112
sort-col-bg.gif	7/30/2007 12:36	855
sort_asc.gif	7/30/2007 12:36	830
sort_desc.gif	7/30/2007 12:36	833
F:\patent\cms\html\images\aero\layout		
collapse.gif	7/30/2007 12:36	842
expand.gif	7/30/2007 12:36	842
gradient-bg.gif	7/30/2007 12:36	1,202
ns-collapse.gif	7/30/2007 12:36	842
ns-expand.gif	7/30/2007 12:36	843
panel-close.gif	7/30/2007 12:36	829
panel-title-bg.gif	7/30/2007 12:36	830

[File/Folder]	[Date]	[Size in Bytes]
panel-title-light-bg.gif	7/30/2007 12:36	833
tab-close-on.gif	7/30/2007 12:36	880
tab-close.gif	7/30/2007 12:36	844
F:\patent\cms\html\images\aero\qtip bg.gif	7/30/2007 12:36	1,024
F:\patent\cms\html\images\aero\sizer e-handle-dark.gif	7/30/2007 12:36	1,062
e-handle.gif	7/30/2007 12:36	1,586
ne-handle-dark.gif	7/30/2007 12:36	839
ne-handle.gif	7/30/2007 12:36	854
nw-handle-dark.gif	7/30/2007 12:36	839
nw-handle.gif	7/30/2007 12:36	853
s-handle-dark.gif	7/30/2007 12:36	1,060
s-handle.gif	7/30/2007 12:36	1,318
se-handle-dark.gif	7/30/2007 12:36	838
se-handle.gif	7/30/2007 12:36	853
sw-handle-dark.gif	7/30/2007 12:36	839
sw-handle.gif	7/30/2007 12:36	855
F:\patent\cms\html\images\aero\tabs tab-btm-inactive-left-bg.gif	7/30/2007 12:36	891
tab-btm-inactive-right-bg.gif	7/30/2007 12:36	1,618
tab-btm-left-bg.gif	7/30/2007 12:36	875
tab-btm-right-bg.gif	7/30/2007 12:36	1,604
tab-sprite.gif	7/30/2007 12:36	3,102
tab-strip-bg.gif	7/30/2007 12:36	826
tab-strip-bg.png	7/30/2007 12:36	259
tab-strip-btm-bg.gif	7/30/2007 12:36	826
F:\patent\cms\html\images\aero\toolbar bg.gif	7/30/2007 12:36	904
tb-btn-sprite.gif	7/30/2007 12:36	1,127

[File/Folder]	[Date]	[Size in Bytes]
F:\patent\cms\html\images\default		
gradient-bg.gif	7/30/2007 12:36	1,472
s.gif	7/30/2007 12:36	43
shadow-c.png	7/30/2007 12:36	182
shadow-lr.png	7/30/2007 12:36	135
shadow.png	7/30/2007 12:36	311
F:\patent\cms\html\images\default\basic-dialog		
btn-arrow.gif	7/30/2007 12:36	870
btn-sprite.gif	7/30/2007 12:36	1,341
close.gif	7/30/2007 12:36	893
collapse.gif	7/30/2007 12:36	865
e-handle.gif	7/30/2007 12:36	995
expand.gif	7/30/2007 12:36	884
hd-sprite.gif	7/30/2007 12:36	1,099
progress.gif	7/30/2007 12:36	19,442
progress2.gif	7/30/2007 12:36	14,113
s-handle.gif	7/30/2007 12:36	992
se-handle.gif	7/30/2007 12:36	833
F:\patent\cms\html\images\default\box		
corners-blue.gif	7/30/2007 12:36	1,010
corners.gif	7/30/2007 12:36	1,005
l-blue.gif	7/30/2007 12:36	810
l.gif	7/30/2007 12:36	810
r-blue.gif	7/30/2007 12:36	810
r.gif	7/30/2007 12:36	810
tb-blue.gif	7/30/2007 12:36	851
tb.gif	7/30/2007 12:36	839
F:\patent\cms\html\images\default\dd		
drop-add.gif	7/30/2007 12:36	1,001
drop-no.gif	7/30/2007 12:36	949

[File/Folder]	[Date]	[Size in Bytes]
drop-yes.gif	7/30/2007 12:36	1,016
F:\patent\cms\html\images\default\form		
date-trigger.gif	7/30/2007 12:36	1,041
error-tip-corners.gif	7/30/2007 12:36	4,183
exclamation.gif	7/30/2007 12:36	995
text-bg.gif	7/30/2007 12:36	819
trigger.gif	7/30/2007 12:36	1,297
F:\patent\cms\html\images\default\grid		
arrow-left-white.gif	7/30/2007 12:36	825
arrow-right-white.gif	7/30/2007 12:36	825
col-move-bottom.gif	7/30/2007 12:36	868
col-move-top.gif	7/30/2007 12:36	869
dirty.gif	7/30/2007 12:36	832
done.gif	7/30/2007 12:36	133
drop-no.gif	7/30/2007 12:36	947
drop-yes.gif	7/30/2007 12:36	860
footer-bg.gif	7/30/2007 12:36	834
grid-blue-hd.gif	7/30/2007 12:36	829
grid-blue-split.gif	7/30/2007 12:36	817
grid-hrow.gif	7/30/2007 12:36	855
grid-loading.gif	7/30/2007 12:36	701
grid-split.gif	7/30/2007 12:36	817
grid-vista-hd.gif	7/30/2007 12:36	829
hd-pop.gif	7/30/2007 12:36	839
hmenu-asc.gif	7/30/2007 12:36	931
hmenu-desc.gif	7/30/2007 12:36	930
hmenu-lock.gif	7/30/2007 12:36	955
hmenu-lock.png	7/30/2007 12:36	648
hmenu-unlock.gif	7/30/2007 12:36	971
hmenu-unlock.png	7/30/2007 12:36	697

[File/Folder]	[Date]	[Size in Bytes]
invalid_line.gif	7/30/2007 12:36	815
loading.gif	7/30/2007 12:36	771
mso-hd.gif	7/30/2007 12:36	875
nowait.gif	7/30/2007 12:36	884
page-first-disabled.gif	7/30/2007 12:36	925
page-first.gif	7/30/2007 12:36	925
page-last-disabled.gif	7/30/2007 12:36	923
page-last.gif	7/30/2007 12:36	923
page-next-disabled.gif	7/30/2007 12:36	875
page-next.gif	7/30/2007 12:36	875
page-prev-disabled.gif	7/30/2007 12:36	879
page-prev.gif	7/30/2007 12:36	879
pick-button.gif	7/30/2007 12:36	1,036
refresh.gif	7/30/2007 12:36	1,015
sort_asc.gif	7/30/2007 12:36	825
sort_desc.gif	7/30/2007 12:36	826
Thumbs.db	7/30/2007 12:36	33,792
wait.gif	7/30/2007 12:36	1,100
F:\patent\cms\html\images\default\layout		
collapse.gif	7/30/2007 12:36	842
expand.gif	7/30/2007 12:36	842
gradient-bg.gif	7/30/2007 12:36	1,472
ns-collapse.gif	7/30/2007 12:36	842
ns-expand.gif	7/30/2007 12:36	843
panel-close.gif	7/30/2007 12:36	829
panel-title-bg.gif	7/30/2007 12:36	838
panel-title-light-bg.gif	7/30/2007 12:36	835
stick.gif	7/30/2007 12:36	874
stuck.gif	7/30/2007 12:36	92
tab-close-on.gif	7/30/2007 12:36	880

[File/Folder]	[Date]	[Size in Bytes]
tab-close.gif	7/30/2007 12:36	859
F:\patent\cms\html\images\default\menu		
checked.gif	7/30/2007 12:36	982
group-checked.gif	7/30/2007 12:36	891
menu-parent.gif	7/30/2007 12:36	854
menu.gif	7/30/2007 12:36	842
unchecked.gif	7/30/2007 12:36	917
F:\patent\cms\html\images\default\qtip		
bg.gif	7/30/2007 12:36	1,091
close.gif	7/30/2007 12:36	972
tip-sprite.gif	7/30/2007 12:36	4,032
F:\patent\cms\html\images\default\shared		
calendar.gif	7/30/2007 12:36	979
left-btn.gif	7/30/2007 12:36	870
right-btn.gif	7/30/2007 12:36	871
warning.gif	7/30/2007 12:36	960
F:\patent\cms\html\images\default\sizer		
e-handle-dark.gif	7/30/2007 12:36	1,062
e-handle.gif	7/30/2007 12:36	1,586
ne-handle-dark.gif	7/30/2007 12:36	839
ne-handle.gif	7/30/2007 12:36	854
nw-handle-dark.gif	7/30/2007 12:36	839
nw-handle.gif	7/30/2007 12:36	853
s-handle-dark.gif	7/30/2007 12:36	1,060
s-handle.gif	7/30/2007 12:36	1,318
se-handle-dark.gif	7/30/2007 12:36	838
se-handle.gif	7/30/2007 12:36	853
square.gif	7/30/2007 12:36	864
sw-handle-dark.gif	7/30/2007 12:36	839
sw-handle.gif	7/30/2007 12:36	855

[File/Folder]	[Date]	[Size in Bytes]
F:\patent\cms\html\images\default\tabs		
tab-btm-inactive-left-bg.gif	7/30/2007 12:36	875
tab-btm-inactive-right-bg.gif	7/30/2007 12:36	1,601
tab-btm-left-bg.gif	7/30/2007 12:36	877
tab-btm-right-bg.gif	7/30/2007 12:36	1,606
tab-sprite.gif	7/30/2007 12:36	3,088
F:\patent\cms\html\images\default\toolbar		
btn-arrow-light.gif	7/30/2007 12:36	916
btn-arrow.gif	7/30/2007 12:36	919
btn-over-bg.gif	7/30/2007 12:36	837
gray-bg.gif	7/30/2007 12:36	832
tb-bg.gif	7/30/2007 12:36	862
tb-btn-sprite.gif	7/30/2007 12:36	1,091
F:\patent\cms\html\images\default\tree		
drop-add.gif	7/30/2007 12:36	1,001
drop-between.gif	7/30/2007 12:36	907
drop-no.gif	7/30/2007 12:36	949
drop-over.gif	7/30/2007 12:36	911
drop-under.gif	7/30/2007 12:36	911
drop-yes.gif	7/30/2007 12:36	1,016
elbow-end-minus-nl.gif	7/30/2007 12:36	898
elbow-end-minus.gif	7/30/2007 12:36	905
elbow-end-plus-nl.gif	7/30/2007 12:36	900
elbow-end-plus.gif	7/30/2007 12:36	907
elbow-end.gif	7/30/2007 12:36	844
elbow-line.gif	7/30/2007 12:36	846
elbow-minus-nl.gif	7/30/2007 12:36	898
elbow-minus.gif	7/30/2007 12:36	908
elbow-plus-nl.gif	7/30/2007 12:36	900
elbow-plus.gif	7/30/2007 12:36	910

[File/Folder]	[Date]	[Size in Bytes]
elbow.gif	7/30/2007 12:36	850
folder-open.gif	7/30/2007 12:36	956
folder.gif	7/30/2007 12:36	952
leaf.gif	7/30/2007 12:36	945
loading.gif	7/30/2007 12:36	771
s.gif	7/30/2007 12:36	43
upload.gif	7/30/2007 12:36	474
F:\patent\cms\html\images\gray		
gradient-bg.gif	7/30/2007 12:36	1,472
s.gif	7/30/2007 12:36	43
F:\patent\cms\html\images\gray\basic-dialog		
close.gif	7/30/2007 12:36	893
collapse.gif	7/30/2007 12:36	900
dlg-bg.gif	7/30/2007 12:36	27,857
e-handle.gif	7/30/2007 12:36	995
expand.gif	7/30/2007 12:36	911
hd-sprite.gif	7/30/2007 12:36	1,060
s-handle.gif	7/30/2007 12:36	992
se-handle.gif	7/30/2007 12:36	833
F:\patent\cms\html\images\gray\grid		
grid-hrow.gif	7/30/2007 12:36	825
F:\patent\cms\html\images\gray\layout		
collapse.gif	7/30/2007 12:36	842
expand.gif	7/30/2007 12:36	842
gradient-bg.gif	7/30/2007 12:36	1,202
ns-collapse.gif	7/30/2007 12:36	842
ns-expand.gif	7/30/2007 12:36	843
panel-close.gif	7/30/2007 12:36	829
panel-title-bg.gif	7/30/2007 12:36	838
panel-title-light-bg.gif	7/30/2007 12:36	842

[File/Folder]	[Date]	[Size in Bytes]
stick.gif	7/30/2007 12:36	874
tab-close-on.gif	7/30/2007 12:36	880
tab-close.gif	7/30/2007 12:36	859
F:\patent\cms\html\images\gray\menu		
checked.gif	7/30/2007 12:36	982
group-checked.gif	7/30/2007 12:36	891
menu-parent.gif	7/30/2007 12:36	846
menu.gif	7/30/2007 12:36	842
unchecked.gif	7/30/2007 12:36	917
F:\patent\cms\html\images\gray\qtip		
bg.gif	7/30/2007 12:36	1,024
tip-sprite.gif	7/30/2007 12:36	4,032
F:\patent\cms\html\images\gray\sizer		
e-handle-dark.gif	7/30/2007 12:36	1,062
e-handle.gif	7/30/2007 12:36	1,586
ne-handle-dark.gif	7/30/2007 12:36	839
ne-handle.gif	7/30/2007 12:36	854
nw-handle-dark.gif	7/30/2007 12:36	839
nw-handle.gif	7/30/2007 12:36	853
s-handle-dark.gif	7/30/2007 12:36	1,060
s-handle.gif	7/30/2007 12:36	1,318
se-handle-dark.gif	7/30/2007 12:36	838
se-handle.gif	7/30/2007 12:36	853
sw-handle-dark.gif	7/30/2007 12:36	839
sw-handle.gif	7/30/2007 12:36	855
F:\patent\cms\html\images\gray\tabs		
tab-btm-inactive-left-bg.gif	7/30/2007 12:36	875
tab-btm-inactive-right-bg.gif	7/30/2007 12:36	1,601
tab-btm-left-bg.gif	7/30/2007 12:36	875
tab-btm-right-bg.gif	7/30/2007 12:36	1,601

[File/Folder]	[Date]	[Size in Bytes]
tab-sprite.gif	7/30/2007 12:36	3,037
F:\patent\cms\html\images\gray\toolbar		
gray-bg.gif	7/30/2007 12:36	832
tb-btn-sprite.gif	7/30/2007 12:36	963
F:\patent\cms\html\images\toolbar		
clearTrigger.gif	7/30/2007 12:36	720
filemanager.gif	7/30/2007 12:36	128
flv.png	7/30/2007 12:36	1,056
jittr.ico	7/30/2007 12:36	318
jittrIcon.png	7/30/2007 12:36	845
magnifier.png	7/30/2007 12:36	615
save.gif	7/30/2007 12:36	981
wmv.gif	7/30/2007 12:36	1,019
F:\patent\cms\html\images\vista		
gradient-bg.gif	7/30/2007 12:36	1,472
s.gif	7/30/2007 12:36	43
F:\patent\cms\html\images\vista\basic-dialog		
bg-center.gif	7/30/2007 12:36	865
bg-left.gif	7/30/2007 12:36	1,039
bg-right.gif	7/30/2007 12:36	1,039
close.gif	7/30/2007 12:36	350
collapse.gif	7/30/2007 12:36	333
dlg-bg.gif	7/30/2007 12:36	27,857
e-handle.gif	7/30/2007 12:36	995
expand.gif	7/30/2007 12:36	351
hd-sprite.gif	7/30/2007 12:36	462
s-handle.gif	7/30/2007 12:36	992
se-handle.gif	7/30/2007 12:36	833
w-handle.gif	7/30/2007 12:36	817
F:\patent\cms\html\images\vista\grid		

[File/Folder]	[Date]	[Size in Bytes]
grid-split.gif	7/30/2007 12:36	817
grid-vista-hd.gif	7/30/2007 12:36	829
F:\patent\cms\html\images\vista\layout		
collapse.gif	7/30/2007 12:36	842
expand.gif	7/30/2007 12:36	842
gradient-bg.gif	7/30/2007 12:36	1,202
ns-collapse.gif	7/30/2007 12:36	842
ns-expand.gif	7/30/2007 12:36	843
panel-close.gif	7/30/2007 12:36	829
panel-title-bg.gif	7/30/2007 12:36	888
panel-title-light-bg.gif	7/30/2007 12:36	846
stick.gif	7/30/2007 12:36	872
tab-close-on.gif	7/30/2007 12:36	880
tab-close.gif	7/30/2007 12:36	844
F:\patent\cms\html\images\vista\qtip		
bg.gif	7/30/2007 12:36	1,024
tip-sprite.gif	7/30/2007 12:36	4,183
F:\patent\cms\html\images\vista\sizer		
e-handle-dark.gif	7/30/2007 12:36	1,062
e-handle.gif	7/30/2007 12:36	1,586
ne-handle-dark.gif	7/30/2007 12:36	839
ne-handle.gif	7/30/2007 12:36	854
nw-handle-dark.gif	7/30/2007 12:36	839
nw-handle.gif	7/30/2007 12:36	853
s-handle-dark.gif	7/30/2007 12:36	1,060
s-handle.gif	7/30/2007 12:36	1,318
se-handle-dark.gif	7/30/2007 12:36	838
se-handle.gif	7/30/2007 12:36	853
sw-handle-dark.gif	7/30/2007 12:36	839
sw-handle.gif	7/30/2007 12:36	855

[File/Folder]	[Date]	[Size in Bytes]
F:\patent\cms\html\images\vista\tabs		
tab-btm-inactive-left-bg.gif	7/30/2007 12:36	879
tab-btm-inactive-right-bg.gif	7/30/2007 12:36	1,609
tab-btm-left-bg.gif	7/30/2007 12:36	895
tab-btm-right-bg.gif	7/30/2007 12:36	1,608
tab-sprite.gif	7/30/2007 12:36	3,150
F:\patent\cms\html\images\vista\toolbar		
gray-bg.gif	7/30/2007 12:36	839
tb-btn-sprite.gif	7/30/2007 12:36	1,110
F:\patent\cms\html\install		
ad.gif	7/30/2007 12:36	1,021
admin.gif	7/30/2007 12:36	927
config.png	7/30/2007 12:36	6,387
database.gif	7/30/2007 12:36	733
demo.gif	7/30/2007 12:36	1,092
index.php	7/30/2007 12:36	20,840
utilities.gif	7/30/2007 12:36	629
F:\patent\cms\html\js		
clearableTriggerField.js	7/30/2007 12:36	3,002
custCreate.js	7/30/2007 12:36	6,022
custEdit.js	7/30/2007 12:36	7,552
custmenu.js	7/30/2007 12:36	6,771
FusionCharts.js	7/30/2007 12:36	6,860
FusionChartsWMode.js	7/30/2007 12:36	7,104
jitr.js	7/30/2007 12:36	2,910
jitrMain.js	7/30/2007 12:36	8,609
js.list	7/30/2007 12:36	266
mediaList.js	7/30/2007 12:36	9,761
mediaTree.js	7/30/2007 12:36	9,167
menu.js	7/30/2007 12:36	9,466

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playback.swf	7/30/2007 12:36	50,753
PowerMap.js	7/30/2007 12:36	6,748
preview.js	7/30/2007 12:36	9,923
propList.js	7/30/2007 12:36	13,043
server.js	7/30/2007 12:36	1,601
statAreaView.js	7/30/2007 12:36	2,895
statDates.js	7/30/2007 12:36	2,200
statDatespop.js	7/30/2007 12:36	1,822
statSummaryView.js	7/30/2007 12:36	3,650
statVideoView.js	7/30/2007 12:36	3,146
strings.js	7/30/2007 12:36	269
upload.js	7/30/2007 12:36	14,428
userCreate.js	7/30/2007 12:36	2,546
userEdit.js	7/30/2007 12:36	4,031
F:\patent\cms\html\php		
createCustDB.php	7/30/2007 12:35	2,958
dbActions.php	7/30/2007 12:35	12,689
JitrDbScript.php	7/30/2007 12:35	2,821
F:\patent\cms\html\stats		
jitrMysql.php	7/30/2007 12:36	1,679
serverStats.php	7/30/2007 12:36	9,431
time.php	7/30/2007 12:36	1,169
totalBytesMonth.php	7/30/2007 12:36	2,286
trafficDay.php	7/30/2007 12:36	2,832
trafficMain.php	7/30/2007 12:36	4,713
videos.php	7/30/2007 12:36	2,228
videosb.php	7/30/2007 12:36	3,458
F:\patent\cms\html\stats\charts		
Area2D.swf	7/30/2007 12:36	58,844
Bar2D.swf	7/30/2007 12:36	57,793

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Bubble.swf	7/30/2007 12:36	61,895
Column2D.swf	7/30/2007 12:36	58,616
Column3D.swf	7/30/2007 12:36	58,012
Doughnut2D.swf	7/30/2007 12:36	43,244
Doughnut3D.swf	7/30/2007 12:36	48,114
FI2_Angular.swf	7/30/2007 12:36	15,731
Line.swf	7/30/2007 12:36	58,176
MSArea.swf	7/30/2007 12:36	62,218
MSBar2D.swf	7/30/2007 12:36	61,217
MSBar3D.swf	7/30/2007 12:36	60,462
MSColumn2D.swf	7/30/2007 12:36	61,975
MSColumn3D.swf	7/30/2007 12:36	61,363
MSColumn3DLineDY.swf	7/30/2007 12:36	65,126
MSColumnLine3D.swf	7/30/2007 12:36	63,329
MSCombi2D.swf	7/30/2007 12:36	64,916
MSCombiDY2D.swf	7/30/2007 12:36	67,013
MSLine.swf	7/30/2007 12:36	61,677
MSStackedColumn2D.swf	7/30/2007 12:36	62,685
MSStackedColumn2DLineDY.swf	7/30/2007 12:36	66,919
Pie2D.swf	7/30/2007 12:36	42,813
Pie3D.swf	7/30/2007 12:36	47,354
Scatter.swf	7/30/2007 12:36	61,635
ScrollArea2D.swf	7/30/2007 12:36	66,680
ScrollColumn2D.swf	7/30/2007 12:36	66,251
ScrollCombi2D.swf	7/30/2007 12:36	69,770
ScrollCombiDY2D.swf	7/30/2007 12:36	71,759
ScrollLine2D.swf	7/30/2007 12:36	65,818
ScrollStackedColumn2D.swf	7/30/2007 12:36	66,697
SSGrid.swf	7/30/2007 12:36	33,475
StackedArea2D.swf	7/30/2007 12:36	62,641

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StackedBar2D.swf	7/30/2007 12:36	61,535
StackedBar3D.swf	7/30/2007 12:36	61,008
StackedColumn2D.swf	7/30/2007 12:36	62,364
StackedColumn3D.swf	7/30/2007 12:36	61,895
StackedColumn3DLineDY.swf	7/30/2007 12:36	65,780
F:\patent\cms\html\stats\maps		
FCMap_Afghanistan.swf	7/30/2007 12:36	77,287
FCMap_Africa.swf	7/30/2007 12:35	74,980
FCMap_Alabama.swf	7/30/2007 12:35	70,965
FCMap_Alaska.swf	7/30/2007 12:35	56,904
FCMap_Albania.swf	7/30/2007 12:36	48,719
FCMap_Andorra.swf	7/30/2007 12:35	53,205
FCMap_Antigua.swf	7/30/2007 12:35	63,108
FCMap_Argentina.swf	7/30/2007 12:35	64,366
FCMap_Arizona.swf	7/30/2007 12:36	45,970
FCMap_Arkansas.swf	7/30/2007 12:36	68,342
FCMap_Armenia.swf	7/30/2007 12:35	51,571
FCMap_Asia.swf	7/30/2007 12:35	82,054
FCMap_AsiaGeorgia.swf	7/30/2007 12:35	52,663
FCMap_Australia.swf	7/30/2007 12:36	41,853
FCMap_Austria.swf	7/30/2007 12:36	48,524
FCMap_Azerbaijan.swf	7/30/2007 12:35	81,646
FCMap_Bahamas.swf	7/30/2007 12:35	63,183
FCMap_Bahrain.swf	7/30/2007 12:35	46,709
FCMap_Bangladesh.swf	7/30/2007 12:35	63,537
FCMap_Barbados.swf	7/30/2007 12:36	48,404
FCMap_Belarus.swf	7/30/2007 12:36	44,244
FCMap_Belgium.swf	7/30/2007 12:35	45,349
FCMap_Belize.swf	7/30/2007 12:36	43,823
FCMap_Bolivia.swf	7/30/2007 12:36	50,063

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FCMap_BosniaHerzegovina.swf	7/30/2007 12:36	52,316
FCMap_Brazil.swf	7/30/2007 12:36	61,532
FCMap_BritishColumbia.swf	7/30/2007 12:35	62,772
FCMap_Bulgaria.swf	7/30/2007 12:36	65,437
FCMap_California.swf	7/30/2007 12:35	67,657
FCMap_Canada.swf	7/30/2007 12:36	71,916
FCMap_CentralAmerica.swf	7/30/2007 12:35	54,070
FCMap_CentralEuropeanRegion.swf	7/30/2007 12:35	45,800
FCMap_Chile.swf	7/30/2007 12:35	50,864
FCMap_China.swf	7/30/2007 12:35	61,500
FCMap_Colombia.swf	7/30/2007 12:35	73,312
FCMap_Colorado.swf	7/30/2007 12:36	54,938
FCMap_Connecticut.swf	7/30/2007 12:35	47,713
FCMap_CostaRica.swf	7/30/2007 12:35	52,767
FCMap_Croatia.swf	7/30/2007 12:36	65,567
FCMap_Cuba.swf	7/30/2007 12:35	48,098
FCMap_Cyprus.swf	7/30/2007 12:35	58,667
FCMap_CzechRepublic.swf	7/30/2007 12:36	65,806
FCMap_Delaware.swf	7/30/2007 12:36	40,895
FCMap_Denmark.swf	7/30/2007 12:35	64,965
FCMap_Dominica.swf	7/30/2007 12:35	48,716
FCMap_DominicanRepublic.swf	7/30/2007 12:36	54,018
FCMap_EastEuropeanRegion.swf	7/30/2007 12:36	51,558
FCMap_Ecuador.swf	7/30/2007 12:36	67,990
FCMap_Egypt.swf	7/30/2007 12:35	61,545
FCMap_ElSalvador.swf	7/30/2007 12:35	49,327
FCMap_England.swf	7/30/2007 12:36	66,391
FCMap_EnglandRegion.swf	7/30/2007 12:36	52,617
FCMap_Estonia.swf	7/30/2007 12:35	64,310
FCMap_Europe.swf	7/30/2007 12:36	106,415

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FCMap_EuropeRegion.swf	7/30/2007 12:35	82,674
FCMap_Finland.swf	7/30/2007 12:35	48,071
FCMap_Florida.swf	7/30/2007 12:35	58,905
FCMap_France.swf	7/30/2007 12:35	54,344
FCMap_Georgia.swf	7/30/2007 12:35	118,628
FCMap_Germany.swf	7/30/2007 12:36	52,223
FCMap_Greece.swf	7/30/2007 12:36	65,639
FCMap_Greenland.swf	7/30/2007 12:35	42,820
FCMap_Grenada.swf	7/30/2007 12:36	49,239
FCMap_Guatemala.swf	7/30/2007 12:35	68,467
FCMap_Haiti.swf	7/30/2007 12:35	53,791
FCMap_Hawaii.swf	7/30/2007 12:36	43,239
FCMap_Honduras.swf	7/30/2007 12:35	54,912
FCMap_Hungary.swf	7/30/2007 12:35	57,421
FCMap_Iceland.swf	7/30/2007 12:35	71,376
FCMap_Idaho.swf	7/30/2007 12:35	59,064
FCMap_Illinois.swf	7/30/2007 12:35	62,269
FCMap_India.swf	7/30/2007 12:36	64,461
FCMap_Indiana.swf	7/30/2007 12:36	56,392
FCMap_Indonesia.swf	7/30/2007 12:35	76,238
FCMap_Iowa.swf	7/30/2007 12:35	49,163
FCMap_Iraq.swf	7/30/2007 12:36	52,884
FCMap_Ireland.swf	7/30/2007 12:35	78,857
FCMap_Israel.swf	7/30/2007 12:35	43,107
FCMap_Italy.swf	7/30/2007 12:36	49,538
FCMap_Jamaica.swf	7/30/2007 12:35	46,252
FCMap_Japan.swf	7/30/2007 12:36	78,095
FCMap_Kansas.swf	7/30/2007 12:36	48,259
FCMap_Kentucky.swf	7/30/2007 12:35	89,053
FCMap_Kenya.swf	7/30/2007 12:35	47,743

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FCMap_Latvia.swf	7/30/2007 12:35	76,988
FCMap_Liechtenstein.swf	7/30/2007 12:36	71,666
FCMap_Lithuania.swf	7/30/2007 12:35	65,682
FCMap_Louisiana.swf	7/30/2007 12:35	73,226
FCMap_Luxembourg.swf	7/30/2007 12:36	95,936
FCMap_Maine.swf	7/30/2007 12:35	57,078
FCMap_Malaysia.swf	7/30/2007 12:36	49,342
FCMap_Maryland.swf	7/30/2007 12:35	55,134
FCMap_Massachusetts.swf	7/30/2007 12:35	52,648
FCMap_Mexico.swf	7/30/2007 12:35	54,660
FCMap_Michigan.swf	7/30/2007 12:35	51,064
FCMap_MiddleEast.swf	7/30/2007 12:36	70,732
FCMap_Minnesota.swf	7/30/2007 12:35	50,004
FCMap_Mississippi.swf	7/30/2007 12:36	55,204
FCMap_Missouri.swf	7/30/2007 12:35	58,890
FCMap_Moldova.swf	7/30/2007 12:36	52,264
FCMap_Montana.swf	7/30/2007 12:35	63,577
FCMap_Montenegro.swf	7/30/2007 12:35	54,589
FCMap_Mozambique.swf	7/30/2007 12:36	46,973
FCMap_Nebraska.swf	7/30/2007 12:35	49,016
FCMap_Netherland.swf	7/30/2007 12:36	55,154
FCMap_Nevada.swf	7/30/2007 12:35	41,454
FCMap_NewHampshire.swf	7/30/2007 12:35	49,165
FCMap_NewJersey.swf	7/30/2007 12:36	53,188
FCMap_NewMexico.swf	7/30/2007 12:35	43,097
FCMap_NewYork.swf	7/30/2007 12:36	68,880
FCMap_NewZealand.swf	7/30/2007 12:35	56,315
FCMap_Nicaragua.swf	7/30/2007 12:35	53,137
FCMap_NorthAmerica.swf	7/30/2007 12:35	63,845
FCMap_NorthCarolina.swf	7/30/2007 12:36	80,312

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FCMap_NorthDakota.swf	7/30/2007 12:35	47,112
FCMap_NorthEuropeanRegion.swf	7/30/2007 12:35	59,261
FCMap_NorthIreland.swf	7/30/2007 12:36	71,040
FCMap_NorthKorea.swf	7/30/2007 12:35	79,590
FCMap_Norway.swf	7/30/2007 12:36	62,743
FCMap_NorwayRegion.swf	7/30/2007 12:35	69,935
FCMap_Oceania.swf	7/30/2007 12:35	55,664
FCMap_Ohio.swf	7/30/2007 12:36	52,734
FCMap_Oklahoma.swf	7/30/2007 12:36	50,214
FCMap_Ontario.swf	7/30/2007 12:36	65,643
FCMap_Oregon.swf	7/30/2007 12:35	52,505
FCMap_Paraguay.swf	7/30/2007 12:35	55,133
FCMap_Pennsylvania.swf	7/30/2007 12:36	63,738
FCMap_Peru.swf	7/30/2007 12:36	66,971
FCMap_Poland.swf	7/30/2007 12:36	51,686
FCMap_Portugal.swf	7/30/2007 12:35	56,397
FCMap_PuertoRico.swf	7/30/2007 12:35	110,350
FCMap_Quebec.swf	7/30/2007 12:35	53,203
FCMap_RhodeIsland.swf	7/30/2007 12:35	45,247
FCMap_Romania.swf	7/30/2007 12:36	65,764
FCMap_Russia.swf	7/30/2007 12:36	81,566
FCMap_SaintKittsandNevis.swf	7/30/2007 12:35	49,851
FCMap_SaintLucia.swf	7/30/2007 12:36	60,138
FCMap_SaintVincentandtheGrenadines.swf	7/30/2007 12:35	48,513
FCMap_SanMarino.swf	7/30/2007 12:36	48,105
FCMap_Scotland.swf	7/30/2007 12:36	102,807
FCMap_ScotlandRegion.swf	7/30/2007 12:35	68,827
FCMap_Slovakia.swf	7/30/2007 12:35	51,967
FCMap_Slovenia.swf	7/30/2007 12:35	51,215
FCMap_SouthAfrica.swf	7/30/2007 12:36	61,719

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FCMap_SouthAmerica.swf	7/30/2007 12:35	47,990
FCMap_SouthCarolina.swf	7/30/2007 12:35	72,395
FCMap_SouthDakota.swf	7/30/2007 12:35	51,145
FCMap_SouthEuropeanRegion.swf	7/30/2007 12:36	55,681
FCMap_SouthKorea.swf	7/30/2007 12:36	94,446
FCMap_Spain.swf	7/30/2007 12:36	77,581
FCMap_SpainProvinces.swf	7/30/2007 12:35	75,516
FCMap_Suriname.swf	7/30/2007 12:35	54,128
FCMap_Sweden.swf	7/30/2007 12:35	53,008
FCMap_Switzerland.swf	7/30/2007 12:35	62,433
FCMap_Taiwan.swf	7/30/2007 12:36	77,790
FCMap_Tennessee.swf	7/30/2007 12:36	71,523
FCMap_Texas.swf	7/30/2007 12:35	87,628
FCMap_Turkey.swf	7/30/2007 12:36	122,679
FCMap_UAE.swf	7/30/2007 12:36	55,660
FCMap_UK.swf	7/30/2007 12:35	54,521
FCMap_Ukraine.swf	7/30/2007 12:35	71,288
FCMap_Uruguay.swf	7/30/2007 12:35	62,203
FCMap_USA.swf	7/30/2007 12:35	69,665
FCMap_USACentralRegion.swf	7/30/2007 12:36	49,819
FCMap_USANorthEastRegion.swf	7/30/2007 12:35	49,548
FCMap_USANorthWestRegion.swf	7/30/2007 12:36	46,436
FCMap_USARegion.swf	7/30/2007 12:35	62,617
FCMap_USASouthEastRegion.swf	7/30/2007 12:35	47,016
FCMap_USASouthWestRegion.swf	7/30/2007 12:36	46,503
FCMap_Utah.swf	7/30/2007 12:35	49,497
FCMap_Venezuela.swf	7/30/2007 12:35	71,998
FCMap_Vermont.swf	7/30/2007 12:35	49,652
FCMap_Virginia.swf	7/30/2007 12:35	80,628
FCMap_Wales.swf	7/30/2007 12:35	45,142

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FCMap_Washington.swf	7/30/2007 12:35	69,856
FCMap_WestEuropeanRegion.swf	7/30/2007 12:35	42,195
FCMap_WestVirginia.swf	7/30/2007 12:36	66,865
FCMap_Wisconsin.swf	7/30/2007 12:35	51,143
FCMap_World.swf	7/30/2007 12:36	62,131
FCMap_World8.swf	7/30/2007 12:36	69,161
FCMap_Wyoming.swf	7/30/2007 12:35	42,506
PowerMapsGUI.html	7/30/2007 12:35	28,003
F:\patent\cms\html\stats\maps\Resources		
ColorPicker.html	7/30/2007 12:35	3,379
MarkerForm.html	7/30/2007 12:35	3,210
PowerMap.js	7/30/2007 12:35	6,945
PowerMapGUI.js	7/30/2007 12:35	45,503
Style.css	7/30/2007 12:35	1,503
Tabber.css	7/30/2007 12:35	2,545
Tabber.js	7/30/2007 12:35	16,039
TableFunctions.js	7/30/2007 12:35	1,593
F:\patent\cms\html\yahoo		
calendar.js	7/30/2007 12:35	135,259
dom.js	7/30/2007 12:35	34,921
event.js	7/30/2007 12:35	71,155
fonts.css	7/30/2007 12:35	817
reset.css	7/30/2007 12:35	609
F:\patent\cms\html\yahoo\assets		
calendar.css	7/30/2007 12:35	3,557
callt.gif	7/30/2007 12:35	93
calrt.gif	7/30/2007 12:35	94
calx.gif	7/30/2007 12:35	88
F:\patent\cms\rpm		
cpui.spec	7/30/2007 12:36	2,272

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release.sh	7/30/2007 12:36	3,786
rpmmacros	7/30/2007 12:36	135
F:\patent\cms\rpm\scripts		
postInstall.sh	7/30/2007 12:36	1,505
F:\patent\cms\schemas		
CustomerSchema.sql	7/30/2007 12:35	9,417
MasterSchema.sql	7/30/2007 12:35	2,298
F:\patent\cms\tools		
F:\patent\cms\tools\packer		
class.JavaScriptPacker.php	7/30/2007 12:35	23,485
jspack.php	7/30/2007 12:35	1,883
F:\patent\docs		
FAQ.txt	7/30/2007 12:36	266
whitelist.txt	7/30/2007 12:36	139
F:\patent\drv		
build.sh	7/30/2007 12:36	984
release.sh	7/30/2007 12:36	4,429
run-tests.sh	7/30/2007 12:36	812
F:\patent\drv\myril0ge		
README	7/30/2007 12:36	48
F:\patent\drv\myril0ge\firmware		
ethp_z8e.dat	7/30/2007 12:36	158,264
ethp_z8e.h	7/30/2007 12:36	325,252
eth_z8e.dat	7/30/2007 12:36	153,280
eth_z8e.h	7/30/2007 12:36	323,589
mcp_gen_header.h	7/30/2007 12:36	2,400
myril0ge_mcp.h	7/30/2007 12:36	7,478
F:\patent\drv\myril0ge\linux		
CHANGES	7/30/2007 12:36	8,058
check_headers.sh	7/30/2007 12:36	2,654

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Makefile	7/30/2007 12:36	1,177
make_version	7/30/2007 12:36	753
Module.symvers	7/30/2007 12:36	0
myril0ge.c	7/30/2007 12:36	119,097
myril0ge_bugreport.sh	7/30/2007 12:36	3,474
myril0ge_hal.h	7/30/2007 12:36	9,613
README	7/30/2007 12:36	13,128
VERSION	7/30/2007 12:36	100
F:\patent\drv\release		
F:\patent\drv\rpm		
myril0ge.spec	7/30/2007 12:36	1,623
rpmmacros	7/30/2007 12:36	135
F:\patent\geoloc		
me.php	7/30/2007 12:37	688
F:\patent\httpdz		
build.sh	7/30/2007 12:38	2,003
copyright	7/30/2007 12:38	270
copyright.sh	7/30/2007 12:38	262
release.sh	7/30/2007 12:38	3,637
run-tests.sh	7/30/2007 12:38	812
F:\patent\httpdz\coronet-0.23		
aclocal.m4	7/30/2007 12:38	262,337
AUTHORS	7/30/2007 12:38	89
ChangeLog	7/30/2007 12:38	0
config.guess	7/30/2007 12:38	44,208
config.h.in	7/30/2007 12:38	2,941
config.sub	7/30/2007 12:38	32,448
configure	7/30/2007 12:38	701,950
configure.in	7/30/2007 12:38	682
COPYING	7/30/2007 12:38	26,430

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depcomp	7/30/2007 12:38	15,936
INSTALL	7/30/2007 12:38	9,498
install-sh	7/30/2007 12:38	9,233
ltmain.sh	7/30/2007 12:38	196,719
Makefile.am	7/30/2007 12:38	25
Makefile.in	7/30/2007 12:38	19,293
missing	7/30/2007 12:38	11,014
NEWS	7/30/2007 12:38	0
README	7/30/2007 12:38	0
stamp-h1	7/30/2007 12:38	23
F:\patent\httpdz\coronet-0.23\autom4te.cache		
output.0	7/30/2007 12:38	702,726
requests	7/30/2007 12:38	13,460
traces.0	7/30/2007 12:38	41,883
F:\patent\httpdz\coronet-0.23\man		
coronet-lib.html	7/30/2007 12:38	3,475
coronet.3	7/30/2007 12:38	16,342
coronet.html	7/30/2007 12:38	22,432
coronet.pdf	7/30/2007 12:38	17,880
coronet.txt	7/30/2007 12:38	19,076
Makefile.am	7/30/2007 12:38	51
Makefile.in	7/30/2007 12:38	10,372
mkpages.sh	7/30/2007 12:38	227
F:\patent\httpdz\coronet-0.23\src		
coronet.c	7/30/2007 12:38	16,081
coronet.h	7/30/2007 12:38	3,414
coronet_lists.h	7/30/2007 12:38	2,522
Makefile.am	7/30/2007 12:38	234
Makefile.in	7/30/2007 12:38	15,248
F:\patent\httpdz\coronet-0.23\test		

[File/Folder]	[Date]	[Size in Bytes]
cnhttpd.c	7/30/2007 12:38	7,624
cnhttpload.c	7/30/2007 12:38	10,576
Makefile.am	7/30/2007 12:38	453
Makefile.in	7/30/2007 12:38	13,910
README	7/30/2007 12:38	267
F:\patent\httpdz\coronet-0.23\usr		
F:\patent\httpdz\debug		
F:\patent\httpdz\debug\usr		
F:\patent\httpdz\debug\usr\local		
F:\patent\httpdz\debug\usr\local\include		
F:\patent\httpdz\debug\usr\local\lib		
F:\patent\httpdz\debug\usr\local\man		
F:\patent\httpdz\debug\usr\local\man\man3		
F:\patent\httpdz\debug\usr\local\sbin		
F:\patent\httpdz\debug\usr\local\share		
F:\patent\httpdz\debug\usr\local\share\man		
F:\patent\httpdz\debug\usr\local\share\man\man3		
F:\patent\httpdz\libpcl-1.6		
aclocal.m4	7/30/2007 12:38	262,337
AUTHORS	7/30/2007 12:38	42
ChangeLog	7/30/2007 12:38	198
config.guess	7/30/2007 12:38	43,499
config.h.in	7/30/2007 12:38	2,813
config.sub	7/30/2007 12:38	31,743
configure	7/30/2007 12:38	710,411
configure.in	7/30/2007 12:38	726
COPYING	7/30/2007 12:38	17,992
depcomp	7/30/2007 12:38	15,936
INSTALL	7/30/2007 12:38	9,498
install-sh	7/30/2007 12:38	9,233

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ltmain.sh	7/30/2007 12:38	187,039
Makefile.am	7/30/2007 12:38	35
Makefile.in	7/30/2007 12:38	19,338
missing	7/30/2007 12:38	11,014
mkinstalldirs	7/30/2007 12:38	3,474
NEWS	7/30/2007 12:38	0
README	7/30/2007 12:38	0
stamp-h1	7/30/2007 12:38	23
F:\patent\httpdz\libpcl-1.6\autom4te.cache		
output.0	7/30/2007 12:38	711,188
requests	7/30/2007 12:38	24,934
traces.0	7/30/2007 12:38	41,867
F:\patent\httpdz\libpcl-1.6\include		
Makefile.am	7/30/2007 12:38	26
Makefile.in	7/30/2007 12:38	11,411
pcl.h	7/30/2007 12:38	1,280
pcl_config.h	7/30/2007 12:38	1,701
F:\patent\httpdz\libpcl-1.6\man		
libpcl.html	7/30/2007 12:38	3,639
Makefile.am	7/30/2007 12:38	47
Makefile.in	7/30/2007 12:38	10,388
mkpages.sh	7/30/2007 12:38	192
pcl.3	7/30/2007 12:38	7,304
pcl.html	7/30/2007 12:38	8,531
pcl.ps	7/30/2007 12:38	22,511
pcl.txt	7/30/2007 12:38	7,210
F:\patent\httpdz\libpcl-1.6\pcl		
Makefile.am	7/30/2007 12:38	145
Makefile.in	7/30/2007 12:38	14,489
pcl.c	7/30/2007 12:38	12,079

[File/Folder]	[Date]	[Size in Bytes]
pcl_version.c	7/30/2007 12:38	1,101
F:\patent\httpdz\libpcl-1.6\test		
cobench.c	7/30/2007 12:38	2,428
cothread.c	7/30/2007 12:38	7,431
Makefile.am	7/30/2007 12:38	209
Makefile.in	7/30/2007 12:38	13,343
F:\patent\httpdz\proto		
aclocal.m4	7/30/2007 12:38	262,337
AUTHORS	7/30/2007 12:38	32
autogen.sh	7/30/2007 12:38	1,444
ChangeLog	7/30/2007 12:38	423
config.guess	7/30/2007 12:38	36
config.h	7/30/2007 12:38	1,581
config.h.in	7/30/2007 12:38	1,447
config.sub	7/30/2007 12:38	34
configure.ac	7/30/2007 12:38	232
COPYING	7/30/2007 12:38	17,992
depcomp	7/30/2007 12:38	12,123
INSTALL	7/30/2007 12:38	7,831
install-sh	7/30/2007 12:38	5,569
libtool	7/30/2007 12:38	227,400
ltmain.sh	7/30/2007 12:38	33
Makefile.am	7/30/2007 12:38	36
missing	7/30/2007 12:38	10,270
mkinstalldirs	7/30/2007 12:38	1,801
NEWS	7/30/2007 12:38	0
README	7/30/2007 12:38	342
stamp-h1	7/30/2007 12:38	23
F:\patent\httpdz\proto\autom4te.cache		
output.0	7/30/2007 12:38	685,725

[File/Folder]	[Date]	[Size in Bytes]
output.1	7/30/2007 12:38	677,903
requests	7/30/2007 12:38	24,934
traces.0	7/30/2007 12:38	412,821
traces.1	7/30/2007 12:38	37,684
F:\patent\httpdz\proto\src		
dz_llist.h	7/30/2007 12:38	2,401
dz_log.c	7/30/2007 12:38	917
dz_log.h	7/30/2007 12:38	143
dz_server.c	7/30/2007 12:38	25,159
Makefile.am	7/30/2007 12:38	273
F:\patent\httpdz\proto\test		
F:\patent\httpdz\release		
httpdz.conf	7/30/2007 12:38	883
postinstall.sh	7/30/2007 12:38	2,670
README	7/30/2007 12:38	2,635
README.netperf	7/30/2007 12:38	1,443
README.terragrid	7/30/2007 12:38	3,354
setup_cluster.sh	7/30/2007 12:38	2,145
setup_network.sh	7/30/2007 12:38	2,605
F:\patent\httpdz\release\etc		
sysctl.conf	7/30/2007 12:38	1,777
F:\patent\httpdz\release\etc\init.d		
rc.httpdz	7/30/2007 12:38	4,564
F:\patent\httpdz\release\usr		
F:\patent\httpdz\release\usr\local		
F:\patent\httpdz\release\usr\local\include		
F:\patent\httpdz\release\usr\local\lib		
F:\patent\httpdz\release\usr\local\man		
F:\patent\httpdz\release\usr\local\man\man3		
F:\patent\httpdz\release\usr\local\sbin		

[File/Folder]	[Date]	[Size in Bytes]
F:\patent\httpdz\release\usr\local\share		
F:\patent\httpdz\release\usr\local\share\man		
F:\patent\httpdz\release\usr\local\share\man\man3		
F:\patent\httpdz\rpm		
httpdz.spec	7/30/2007 12:38	3,926
rpmmacros	7/30/2007 12:38	135
F:\patent\httpdz\srv		
dz_log.c	7/30/2007 12:38	1,238
dz_log.h	7/30/2007 12:38	409
dz_mime.c	7/30/2007 12:38	3,752
dz_mime.h	7/30/2007 12:38	420
dz_server.c	7/30/2007 12:38	45,352
dz_server.h	7/30/2007 12:38	4,429
dz_shm.c	7/30/2007 12:38	13,833
dz_version.h	7/30/2007 12:38	953
Makefile	7/30/2007 12:38	1,673
README	7/30/2007 12:38	5,833
F:\patent\httpdz\tools		
F:\patent\iacd		
boost-build.jam	7/30/2007 12:37	335
build.bat	7/30/2007 12:37	28
build.sh	7/30/2007 12:37	18
build.xml	7/30/2007 12:37	1,469
fixlibs.sh	7/30/2007 12:37	975
iacd.sln	7/30/2007 12:37	1,080
iacd.vcproj	7/30/2007 12:37	26,013
Jamfile	7/30/2007 12:37	7,616
Jamrules	7/30/2007 12:37	257
jitrSmall.ico	7/30/2007 12:37	318
project-root.jam	7/30/2007 12:37	475

[File/Folder]	[Date]	[Size in Bytes]
run-tests.bat	7/30/2007 12:37	996
run-tests.py	7/30/2007 12:37	6,548
run-tests.sh	7/30/2007 12:37	625
F:\patent\iacd\demo		
ClearOverAll.swf	7/30/2007 12:37	5,202
ClearOverPlaySeekMute.swf	7/30/2007 12:37	3,497
flashdemo.rar	7/30/2007 12:37	204,820
flashtest3.swf	7/30/2007 12:37	74,584
getFile.php	7/30/2007 12:37	1,407
index-divx.html	7/30/2007 12:37	3,759
index-flash.html	7/30/2007 12:37	2,188
F:\patent\iacd\extra		
Jamfile	7/30/2007 12:37	2,663
F:\patent\iacd\extra\boost_date_time		
F:\patent\iacd\extra\boost_date_time\gregorian		
date_generators.cpp	7/30/2007 12:37	892
gregorian_types.cpp	7/30/2007 12:37	2,092
greg_month.cpp	7/30/2007 12:37	6,095
greg_names.hpp	7/30/2007 12:37	2,378
greg_weekday.cpp	7/30/2007 12:37	1,353
F:\patent\iacd\extra\boost_date_time\posix_time		
posix_time_types.cpp	7/30/2007 12:37	923
F:\patent\iacd\extra\boost_filesystem		
exception.cpp	7/30/2007 12:37	5,236
operations.cpp	7/30/2007 12:37	47,533
path.cpp	7/30/2007 12:37	4,245
portability.cpp	7/30/2007 12:37	3,550
utf8_codecvt_facet1.cpp	7/30/2007 12:37	598
utf8_codecvt_facet_impl.cpp	7/30/2007 12:37	9,154
F:\patent\iacd\extra\boost_program_options		

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cmdline.cpp	7/30/2007 12:37	17,044
config_file.cpp	7/30/2007 12:37	5,859
convert.cpp	7/30/2007 12:37	5,430
options_description.cpp	7/30/2007 12:37	19,191
parsers.cpp	7/30/2007 12:37	6,523
positional_options.cpp	7/30/2007 12:37	1,385
utf8_codecvt_facet.cpp	7/30/2007 12:37	600
utf8_codecvt_facet_impl.cpp	7/30/2007 12:37	9,154
value_semantic.cpp	7/30/2007 12:37	7,780
variables_map.cpp	7/30/2007 12:37	6,186
winmain.cpp	7/30/2007 12:37	3,793
F:\patent\iacd\extra\boost_regex		
cpp_regex_traits.cpp	7/30/2007 12:37	3,209
cregex.cpp	7/30/2007 12:37	16,417
c_regex_traits.cpp	7/30/2007 12:37	6,576
fileiter.cpp	7/30/2007 12:37	19,887
icu.cpp	7/30/2007 12:37	20,867
instances.cpp	7/30/2007 12:37	729
posix_api.cpp	7/30/2007 12:37	6,949
regex.cpp	7/30/2007 12:37	5,684
regex_debug.cpp	7/30/2007 12:37	1,579
regex_raw_buffer.cpp	7/30/2007 12:37	1,802
regex_traits_defaults.cpp	7/30/2007 12:37	29,191
static_mutex.cpp	7/30/2007 12:37	3,830
usinstances.cpp	7/30/2007 12:37	2,305
w32_regex_traits.cpp	7/30/2007 12:37	14,749
wc_regex_traits.cpp	7/30/2007 12:37	8,852
wide_posix_api.cpp	7/30/2007 12:37	7,290
winstances.cpp	7/30/2007 12:37	761
F:\patent\iacd\extra\boost_signals		

[File/Folder]	[Date]	[Size in Bytes]
connection.cpp	7/30/2007 12:37	4,156
named_slot_map.cpp	7/30/2007 12:37	3,493
signal_base.cpp	7/30/2007 12:37	6,876
slot.cpp	7/30/2007 12:37	2,840
trackable.cpp	7/30/2007 12:37	1,840
F:\patent\iacd\extra\boost_thread		
barrier.cpp	7/30/2007 12:37	1,000
condition.cpp	7/30/2007 12:37	18,771
exceptions.cpp	7/30/2007 12:37	2,348
mutex.cpp	7/30/2007 12:37	10,734
mutex.inl	7/30/2007 12:37	3,412
once.cpp	7/30/2007 12:37	5,860
recursive_mutex.cpp	7/30/2007 12:37	22,562
thread.cpp	7/30/2007 12:37	10,362
timeconv.inl	7/30/2007 12:37	3,486
tss.cpp	7/30/2007 12:37	6,596
tss_dll.cpp	7/30/2007 12:37	2,367
tss_hooks.cpp	7/30/2007 12:37	6,511
tss_null.cpp	7/30/2007 12:37	1,444
tss_pe.cpp	7/30/2007 12:37	6,011
xtime.cpp	7/30/2007 12:37	4,834
F:\patent\iacd\extra\boost_thread\mac		
debug_prefix.hpp	7/30/2007 12:37	315
delivery_man.cpp	7/30/2007 12:37	1,388
delivery_man.hpp	7/30/2007 12:37	1,741
dt_scheduler.cpp	7/30/2007 12:37	1,753
dt_scheduler.hpp	7/30/2007 12:37	1,238
execution_context.cpp	7/30/2007 12:37	1,382
execution_context.hpp	7/30/2007 12:37	1,402
init.cpp	7/30/2007 12:37	1,035

[File/Folder]	[Date]	[Size in Bytes]
init.hpp	7/30/2007 12:37	633
os.cpp	7/30/2007 12:37	1,024
os.hpp	7/30/2007 12:37	705
ot_context.cpp	7/30/2007 12:37	828
ot_context.hpp	7/30/2007 12:37	1,241
package.hpp	7/30/2007 12:37	1,591
periodical.hpp	7/30/2007 12:37	1,851
prefix.hpp	7/30/2007 12:37	331
remote_calls.hpp	7/30/2007 12:37	6,891
remote_call_manager.cpp	7/30/2007 12:37	1,020
remote_call_manager.hpp	7/30/2007 12:37	2,286
safe.cpp	7/30/2007 12:37	6,456
safe.hpp	7/30/2007 12:37	1,170
scoped_critical_region.cpp	7/30/2007 12:37	1,033
scoped_critical_region.hpp	7/30/2007 12:37	1,657
st_scheduler.cpp	7/30/2007 12:37	1,891
st_scheduler.hpp	7/30/2007 12:37	1,491
thread_cleanup.cpp	7/30/2007 12:37	1,062
thread_cleanup.hpp	7/30/2007 12:37	704
F:\patent\iacd\extra\boost_thread\mac\msl_replacements		
assert.cpp	7/30/2007 12:37	991
console_io.cpp	7/30/2007 12:37	3,183
malloc.cpp	7/30/2007 12:37	967
news_and_deletes.cpp	7/30/2007 12:37	1,882
time.cpp	7/30/2007 12:37	3,847
F:\patent\iacd\extra\cryptopp		
aes.h	7/30/2007 12:37	294
algebra.cpp	7/30/2007 12:37	9,413
algebra.h	7/30/2007 12:37	9,207
algparam.cpp	7/30/2007 12:37	1,191

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altparam.h	7/30/2007 12:37	12,073
argnames.h	7/30/2007 12:37	4,014
asn.cpp	7/30/2007 12:37	13,805
asn.h	7/30/2007 12:37	12,319
basecode.cpp	7/30/2007 12:37	5,865
basecode.h	7/30/2007 12:37	2,649
config.h	7/30/2007 12:37	15,449
cpu.cpp	7/30/2007 12:37	3,559
cpu.h	7/30/2007 12:37	3,234
cryptlib.cpp	7/30/2007 12:37	21,500
cryptlib.h	7/30/2007 12:37	72,861
dll.cpp	7/30/2007 12:37	4,430
dll.h	7/30/2007 12:37	1,682
dsa.cpp	7/30/2007 12:37	2,560
dsa.h	7/30/2007 12:37	1,246
emsa2.cpp	7/30/2007 12:37	1,238
emsa2.h	7/30/2007 12:37	2,074
eprecomp.cpp	7/30/2007 12:37	4,088
eprecomp.h	7/30/2007 12:37	3,136
files.cpp	7/30/2007 12:37	4,873
files.h	7/30/2007 12:37	3,539
filters.cpp	7/30/2007 12:37	29,784
filters.h	7/30/2007 12:37	31,769
fips140.cpp	7/30/2007 12:37	2,385
fips140.h	7/30/2007 12:37	2,425
fltrimpl.h	7/30/2007 12:37	1,838
gf256.cpp	7/30/2007 12:37	626
gf256.h	7/30/2007 12:37	1,273
gfpcrypt.cpp	7/30/2007 12:37	8,676
gfpcrypt.h	7/30/2007 12:37	20,344

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hex.cpp	7/30/2007 12:37	1,184
hex.h	7/30/2007 12:37	1,151
hmac.cpp	7/30/2007 12:37	1,881
hmac.h	7/30/2007 12:37	1,891
hrtimer.cpp	7/30/2007 12:37	3,524
hrtimer.h	7/30/2007 12:37	1,810
integer.cpp	7/30/2007 12:37	110,355
integer.h	7/30/2007 12:37	13,857
iterhash.cpp	7/30/2007 12:37	4,264
iterhash.h	7/30/2007 12:37	3,961
misc.cpp	7/30/2007 12:37	2,016
misc.h	7/30/2007 12:37	28,698
modarith.h	7/30/2007 12:37	5,487
modexppc.h	7/30/2007 12:37	1,087
mqueue.cpp	7/30/2007 12:37	4,323
mqueue.h	7/30/2007 12:37	3,443
nbtheory.cpp	7/30/2007 12:37	25,321
nbtheory.h	7/30/2007 12:37	6,882
oaep.cpp	7/30/2007 12:37	3,139
oaep.h	7/30/2007 12:37	1,523
oids.h	7/30/2007 12:37	4,972
osrng.cpp	7/30/2007 12:37	3,635
osrng.h	7/30/2007 12:37	4,516
pch.h	7/30/2007 12:37	209
pkcspad.cpp	7/30/2007 12:37	4,440
pkcspad.h	7/30/2007 12:37	2,980
pssr.cpp	7/30/2007 12:37	5,673
pssr.h	7/30/2007 12:37	2,624
pubkey.cpp	7/30/2007 12:37	7,718
pubkey.h	7/30/2007 12:37	66,347

[File/Folder]	[Date]	[Size in Bytes]
queue.cpp	7/30/2007 12:37	12,444
queue.h	7/30/2007 12:37	3,995
randpool.cpp	7/30/2007 12:37	1,452
randpool.h	7/30/2007 12:37	1,031
rdtables.cpp	7/30/2007 12:37	33,961
rijndael.cpp	7/30/2007 12:37	18,651
rijndael.h	7/30/2007 12:37	1,664
rng.cpp	7/30/2007 12:37	3,940
rng.h	7/30/2007 12:37	2,217
rsa.cpp	7/30/2007 12:37	9,181
rsa.h	7/30/2007 12:37	6,123
secblock.h	7/30/2007 12:37	13,505
seckey.h	7/30/2007 12:37	7,240
sha.cpp	7/30/2007 12:37	16,879
sha.h	7/30/2007 12:37	2,166
simple.cpp	7/30/2007 12:37	218
simple.h	7/30/2007 12:37	7,330
smartptr.h	7/30/2007 12:37	5,114
square.cpp	7/30/2007 12:37	5,324
square.h	7/30/2007 12:37	1,435
squaretb.cpp	7/30/2007 12:37	32,649
stdcpp.h	7/30/2007 12:37	507
trdlocal.cpp	7/30/2007 12:37	1,657
trdlocal.h	7/30/2007 12:37	782
words.h	7/30/2007 12:37	2,018
F:\patent\iacd\extra\test		
compiler_log_formatter.cpp	7/30/2007 12:37	1,045
cpp_main.cpp	7/30/2007 12:37	1,027
exception_safety.cpp	7/30/2007 12:37	893
execution_monitor.cpp	7/30/2007 12:37	1,054

[File/Folder]	[Date]	[Size in Bytes]
framework.cpp	7/30/2007 12:37	1,012
interaction_based.cpp	7/30/2007 12:37	896
Jamfile	7/30/2007 12:37	1,541
logged_expectations.cpp	7/30/2007 12:37	902
plain_report_formatter.cpp	7/30/2007 12:37	1,051
progress_monitor.cpp	7/30/2007 12:37	1,204
results_collector.cpp	7/30/2007 12:37	1,036
results_reporter.cpp	7/30/2007 12:37	1,033
test_main.cpp	7/30/2007 12:37	1,030
test_tools.cpp	7/30/2007 12:37	1,033
unit_test_log.cpp	7/30/2007 12:37	1,042
unit_test_main.cpp	7/30/2007 12:37	1,045
unit_test_monitor.cpp	7/30/2007 12:37	1,054
unit_test_parameters.cpp	7/30/2007 12:37	1,063
unit_test_suite.cpp	7/30/2007 12:37	1,048
xml_log_formatter.cpp	7/30/2007 12:37	1,030
xml_report_formatter.cpp	7/30/2007 12:37	1,045
F:\patent\iacd\extra\zlib		
adler32.c	7/30/2007 12:37	4,559
compress.c	7/30/2007 12:37	2,489
crc32.c	7/30/2007 12:37	13,193
crc32.h	7/30/2007 12:37	30,568
deflate.c	7/30/2007 12:37	64,163
deflate.h	7/30/2007 12:37	12,114
gzio.c	7/30/2007 12:37	31,103
infbck.c	7/30/2007 12:37	22,164
inffast.c	7/30/2007 12:37	12,568
inffast.h	7/30/2007 12:37	407
inffixed.h	7/30/2007 12:37	6,343
inflate.c	7/30/2007 12:37	48,977

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inflate.h	7/30/2007 12:37	5,916
inftrees.c	7/30/2007 12:37	13,756
inftrees.h	7/30/2007 12:37	2,373
Jamfile	7/30/2007 12:37	344
trees.c	7/30/2007 12:37	44,027
trees.h	7/30/2007 12:37	8,444
uncompr.c	7/30/2007 12:37	2,087
zconf.h	7/30/2007 12:37	9,544
zconf.in.h	7/30/2007 12:37	9,544
zlib.h	7/30/2007 12:37	66,188
zutil.c	7/30/2007 12:37	7,136
zutil.h	7/30/2007 12:37	6,859
F:\patent\iacd\hnbases		
bind_placeholders.h	7/30/2007 12:37	2,437
config.cpp	7/30/2007 12:37	4,360
config.h	7/30/2007 12:37	8,803
endian.h	7/30/2007 12:37	3,635
event.h	7/30/2007 12:37	20,290
eventbase.cpp	7/30/2007 12:37	2,564
eventbase.h	7/30/2007 12:37	5,543
fwd.h	7/30/2007 12:37	3,391
gettickcount.h	7/30/2007 12:37	3,147
hash.cpp	7/30/2007 12:37	7,629
hash.h	7/30/2007 12:37	17,314
hostinfo.cpp	7/30/2007 12:37	2,276
hostinfo.h	7/30/2007 12:37	3,658
ipv4addr.cpp	7/30/2007 12:37	2,102
ipv4addr.h	7/30/2007 12:37	3,282
Jamfile	7/30/2007 12:37	911
lambda_placeholders.h	7/30/2007 12:37	1,467

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log.cpp	7/30/2007 12:37	9,804
log.h	7/30/2007 12:37	16,765
md4transform.cpp	7/30/2007 12:37	6,593
md4transform.h	7/30/2007 12:37	2,745
md5transform.cpp	7/30/2007 12:37	9,317
md5transform.h	7/30/2007 12:37	1,559
object.cpp	7/30/2007 12:37	7,374
object.h	7/30/2007 12:37	18,263
osdep.h	7/30/2007 12:37	9,270
pch.h	7/30/2007 12:37	1,439
prefs.cpp	7/30/2007 12:37	1,110
prefs.h	7/30/2007 12:37	1,345
range.h	7/30/2007 12:37	7,580
rangelist.h	7/30/2007 12:37	13,381
schedbase.cpp	7/30/2007 12:37	15,592
schedbase.h	7/30/2007 12:37	10,105
scheduler.h	7/30/2007 12:37	32,671
sha1transform.cpp	7/30/2007 12:37	7,437
sha1transform.h	7/30/2007 12:37	1,726
signals.cpp	7/30/2007 12:37	3,411
sockets.cpp	7/30/2007 12:37	32,966
sockets.h	7/30/2007 12:37	19,335
speedmeter.cpp	7/30/2007 12:37	3,273
speedmeter.h	7/30/2007 12:37	4,393
ssocket.h	7/30/2007 12:37	13,030
timed_callback.cpp	7/30/2007 12:37	1,357
timed_callback.h	7/30/2007 12:37	2,782
trackable.h	7/30/2007 12:37	5,977
tsptrs.cpp	7/30/2007 12:37	940
tsptrs.h	7/30/2007 12:37	1,715

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unchain_ptr.h	7/30/2007 12:37	2,641
utils.cpp	7/30/2007 12:37	11,304
utils.h	7/30/2007 12:37	18,901
workthread.cpp	7/30/2007 12:37	2,503
workthread.h	7/30/2007 12:37	6,139
F:\patent\iacd\hnbase\doc		
F:\patent\iacd\hnbase\test		
Jamfile	7/30/2007 12:37	1,275
test-autodisc.cpp	7/30/2007 12:37	772
test-config.cpp	7/30/2007 12:37	4,275
test-event.cpp	7/30/2007 12:37	6,194
test-hash.cpp	7/30/2007 12:37	4,916
test-log.cpp	7/30/2007 12:37	2,018
test-object.cpp	7/30/2007 12:37	5,879
test-range.cpp	7/30/2007 12:37	12,946
test-resolver.cpp	7/30/2007 12:37	1,812
test-sockets.cpp	7/30/2007 12:37	4,556
test-speed.cpp	7/30/2007 12:37	1,434
test-socket.cpp	7/30/2007 12:37	3,300
test-timed_callback.cpp	7/30/2007 12:37	2,289
test-trackable.cpp	7/30/2007 12:37	395
test-unchainptr.cpp	7/30/2007 12:37	3,522
test-utils.cpp	7/30/2007 12:37	3,804
test-utils2.cpp	7/30/2007 12:37	2,377
test-utils3.cpp	7/30/2007 12:37	3,322
F:\patent\iacd\hncore		
appmain.cpp	7/30/2007 12:37	24,301
appmain.h	7/30/2007 12:37	12,101
baseclient.cpp	7/30/2007 12:37	4,884
baseclient.h	7/30/2007 12:37	5,513

[File/Folder]	[Date]	[Size in Bytes]
clientmanager.cpp	7/30/2007 12:37	1,384
clientmanager.h	7/30/2007 12:37	7,547
fileslist.cpp	7/30/2007 12:37	16,236
fileslist.h	7/30/2007 12:37	11,378
fwd.h	7/30/2007 12:37	3,111
hasher.cpp	7/30/2007 12:37	6,347
hasher.h	7/30/2007 12:37	7,026
hashsetmaker.cpp	7/30/2007 12:37	8,293
hashsetmaker.h	7/30/2007 12:37	5,312
httpreq.h	7/30/2007 12:37	6,381
httpreq.ipp	7/30/2007 12:37	6,055
iacd.rc	7/30/2007 12:37	2,687
iothread.cpp	7/30/2007 12:37	1,006
iothread.h	7/30/2007 12:37	1,071
ipfilter.cpp	7/30/2007 12:37	5,125
ipfilter.h	7/30/2007 12:37	2,103
Jamfile	7/30/2007 12:37	1,061
main.cpp	7/30/2007 12:37	1,734
metadata.cpp	7/30/2007 12:37	27,489
metadata.h	7/30/2007 12:37	21,373
metadb.cpp	7/30/2007 12:37	11,911
metadb.h	7/30/2007 12:37	12,106
modules.cpp	7/30/2007 12:37	17,321
modules.h	7/30/2007 12:37	13,212
partdata.cpp	7/30/2007 12:37	54,911
partdata.h	7/30/2007 12:37	31,020
partdata_impl.h	7/30/2007 12:37	6,859
pch.cpp	7/30/2007 12:37	957
pch.h	7/30/2007 12:37	1,447
resource.h	7/30/2007 12:37	430

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search.cpp	7/30/2007 12:37	3,600
search.h	7/30/2007 12:37	11,762
sharedfile.cpp	7/30/2007 12:37	20,553
sharedfile.h	7/30/2007 12:37	7,826
stats.cpp	7/30/2007 12:37	14,018
stats.h	7/30/2007 12:37	2,764
upnp.cpp	7/30/2007 12:37	12,626
upnp.h	7/30/2007 12:37	5,016
url.cpp	7/30/2007 12:37	1,170
url.h	7/30/2007 12:37	1,899
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common.h	7/30/2007 12:37	159
ferret.cpp	7/30/2007 12:37	18,909
ferret.h	7/30/2007 12:37	3,435
genkeys.cpp	7/30/2007 12:37	1,292
geoloc.h	7/30/2007 12:37	3,705
Jamfile	7/30/2007 12:37	1,149
net.cpp	7/30/2007 12:37	33,634
net.h	7/30/2007 12:37	7,852
newrumor.cpp	7/30/2007 12:37	8,243
peerlist.cpp	7/30/2007 12:37	5,266
peerlist.h	7/30/2007 12:37	3,256
rumor.cpp	7/30/2007 12:37	9,893
rumor.h	7/30/2007 12:37	5,126
rumorsig.cpp	7/30/2007 12:37	1,358
types.h	7/30/2007 12:37	3,402
F:\patent\iacd\hncore\ferret\test		
Jamfile	7/30/2007 12:37	197
test-rumorstorage.cpp	7/30/2007 12:37	2,915

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bencoder.cpp	7/30/2007 12:37	2,262
bencoder.h	7/30/2007 12:37	2,713
bget.cpp	7/30/2007 12:37	2,446
buddymgr.cpp	7/30/2007 12:37	9,280
buddymgr.h	7/30/2007 12:37	1,805
client.cpp	7/30/2007 12:37	33,979
client.h	7/30/2007 12:37	7,076
Doxyfile	7/30/2007 12:37	8,023
files.cpp	7/30/2007 12:37	29,795
files.h	7/30/2007 12:37	13,931
gush.cpp	7/30/2007 12:37	26,020
gush.h	7/30/2007 12:37	6,538
Jamfile	7/30/2007 12:37	434
nat.cpp	7/30/2007 12:37	15,616
package.cpp	7/30/2007 12:37	14,599
package.h	7/30/2007 12:37	7,205
packageinfo.cpp	7/30/2007 12:37	9,831
packageinfo.h	7/30/2007 12:37	5,853
protocol.h	7/30/2007 12:37	4,324
tracker.cpp	7/30/2007 12:37	11,517
tracker.h	7/30/2007 12:37	3,296
types.h	7/30/2007 12:37	1,635
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torrent.html	7/30/2007 12:37	8,410
torrentfiles.dia	7/30/2007 12:37	3,331
torrentfiles.png	7/30/2007 12:37	61,346
F:\patent\iacd\hncore\gush\test		
Jamfile	7/30/2007 12:37	275
test-bencoder.cpp	7/30/2007 12:37	1,593

[File/Folder]	[Date]	[Size in Bytes]
test-packageinfo.cpp	7/30/2007 12:37	1,415
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http.cpp	7/30/2007 12:37	17,223
http.h	7/30/2007 12:37	2,826
Jamfile	7/30/2007 12:37	329
F:\patent\iacd\hncore\http\test		
httpget.cpp	7/30/2007 12:37	880
F:\patent\iacd\hncore\jittr		
avi.cpp	7/30/2007 12:37	18,673
avi.h	7/30/2007 12:37	10,638
client.cpp	7/30/2007 12:37	15,873
client.h	7/30/2007 12:37	2,385
filereq.cpp	7/30/2007 12:37	1,456
filereq.h	7/30/2007 12:37	1,233
flv.cpp	7/30/2007 12:37	10,461
flv.h	7/30/2007 12:37	3,438
Jamfile	7/30/2007 12:37	128
jittr.cpp	7/30/2007 12:37	8,624
jittr.h	7/30/2007 12:37	1,585
playlist.cpp	7/30/2007 12:37	8,215
playlist.h	7/30/2007 12:37	3,097
vfile.cpp	7/30/2007 12:37	21,330
vfile.h	7/30/2007 12:37	5,887
wmv.cpp	7/30/2007 12:37	1,441
wmv.h	7/30/2007 12:37	141
F:\patent\iacd\hncore\jittr\test		
avi.cpp	7/30/2007 12:37	24,064
flv.cpp	7/30/2007 12:37	12,609
wmv.cpp	7/30/2007 12:37	4,851
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bstrapper.h	7/30/2007 12:37	1,119
config.h	7/30/2007 12:37	4,063
contact.h	7/30/2007 12:37	4,349
contact.ipp	7/30/2007 12:37	1,745
kademlia.h	7/30/2007 12:37	510
kbucket.h	7/30/2007 12:37	4,302
kbucket.ipp	7/30/2007 12:37	8,557
nodefinder.h	7/30/2007 12:37	5,779
nodefinder.ipp	7/30/2007 12:37	9,480
routingzone.h	7/30/2007 12:37	13,720
routingzone.ipp	7/30/2007 12:37	19,438
storage.h	7/30/2007 12:37	4,422
valuefinder.h	7/30/2007 12:37	3,335
valuefinder.ipp	7/30/2007 12:37	4,903
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Jamfile	7/30/2007 12:37	974
kademlia-real.cpp	7/30/2007 12:37	7,377
signaller_templ.cpp	7/30/2007 12:37	5,600
signaller_templ.h	7/30/2007 12:37	1,536
test-bstrap.cpp	7/30/2007 12:37	4,630
test-kademlia.cpp	7/30/2007 12:37	15,044
test-replcache.cpp	7/30/2007 12:37	3,460
test-republish.cpp	7/30/2007 12:37	6,233
test-timeout.cpp	7/30/2007 12:37	4,574
test-transfer.cpp	7/30/2007 12:37	8,370
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Jamfile	7/30/2007 12:37	48
minimal.cpp	7/30/2007 12:37	2,138
minimal.h	7/30/2007 12:37	1,434
F:\patent\iacd\hncore\test		

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Jamfile	7/30/2007 12:37	1,001
test-hasher.cpp	7/30/2007 12:37	6,364
test-httpreq.cpp	7/30/2007 12:37	2,048
test-ipfilter.cpp	7/30/2007 12:37	2,465
test-metadata.cpp	7/30/2007 12:37	22,607
test-partdata.cpp	7/30/2007 12:37	3,675
test-pfwd.cpp	7/30/2007 12:37	4,832
test-url.cpp	7/30/2007 12:37	2,046
test-workthread.cpp	7/30/2007 12:37	2,390
F:\patent\iacd\jm		
build.xml	7/30/2007 12:37	1,417
INTALL.txt	7/30/2007 12:37	94
Jamfile	7/30/2007 12:37	472
jm.rc	7/30/2007 12:37	2,703
jm.sln	7/30/2007 12:37	868
jm.vcproj	7/30/2007 12:37	2,668
README.txt	7/30/2007 12:37	251
resource.h	7/30/2007 12:37	446
F:\patent\iacd\jm\doc		
Project	7/30/2007 12:37	22,952
~\$object	7/30/2007 12:37	162
F:\patent\iacd\jm\jm		
GetProcessID.cpp	7/30/2007 12:37	4,330
GetProcessID.h	7/30/2007 12:37	134
jmSocket.cpp	7/30/2007 12:37	1,799
jmSocket.h	7/30/2007 12:37	52
main.cpp	7/30/2007 12:37	7,943
verify.cpp	7/30/2007 12:37	3,623
verify.h	7/30/2007 12:37	380
F:\patent\iacd\jm\jm\openssl		

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aes.h	7/30/2007 12:37	5,372
applink.c	7/30/2007 12:37	2,892
asn1.h	7/30/2007 12:37	46,139
asn1t.h	7/30/2007 12:37	27,838
asn1_mac.h	7/30/2007 12:37	18,956
bio.h	7/30/2007 12:37	30,860
blowfish.h	7/30/2007 12:37	5,073
bn.h	7/30/2007 12:37	32,411
buffer.h	7/30/2007 12:37	4,565
camellia.h	7/30/2007 12:37	5,110
cast.h	7/30/2007 12:37	4,349
comp.h	7/30/2007 12:37	1,601
conf.h	7/30/2007 12:37	9,443
conf_api.h	7/30/2007 12:37	4,080
crypto.h	7/30/2007 12:37	22,121
des.h	7/30/2007 12:37	10,724
des_old.h	7/30/2007 12:37	18,226
dh.h	7/30/2007 12:37	8,372
dsa.h	7/30/2007 12:37	10,474
dso.h	7/30/2007 12:37	16,252
dtls1.h	7/30/2007 12:37	6,183
ebcdic.h	7/30/2007 12:37	540
ec.h	7/30/2007 12:37	21,352
ecdh.h	7/30/2007 12:37	4,609
ecdsa.h	7/30/2007 12:37	10,578
engine.h	7/30/2007 12:37	37,839
err.h	7/30/2007 12:37	12,493
evp.h	7/30/2007 12:37	35,352
e_os2.h	7/30/2007 12:37	9,632
hmac.h	7/30/2007 12:37	4,368

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idea.h	7/30/2007 12:37	4,364
krb5_asn.h	7/30/2007 12:37	7,642
kssl.h	7/30/2007 12:37	5,927
lhash.h	7/30/2007 12:37	7,429
md2.h	7/30/2007 12:37	3,897
md4.h	7/30/2007 12:37	4,661
md5.h	7/30/2007 12:37	4,661
objects.h	7/30/2007 12:37	33,396
obj_mac.h	7/30/2007 12:37	113,075
ocsp.h	7/30/2007 12:37	23,863
opensslconf.h	7/30/2007 12:37	6,331
opensslv.h	7/30/2007 12:37	3,751
ossl_typ.h	7/30/2007 12:37	6,446
pem.h	7/30/2007 12:37	28,370
pem2.h	7/30/2007 12:37	2,863
pkcs12.h	7/30/2007 12:37	12,677
pkcs7.h	7/30/2007 12:37	16,333
pqueue.h	7/30/2007 12:37	3,519
pq_compat.h	7/30/2007 12:37	6,142
rand.h	7/30/2007 12:37	5,251
rc2.h	7/30/2007 12:37	4,294
rc4.h	7/30/2007 12:37	3,707
ripemd.h	7/30/2007 12:37	4,284
rsa.h	7/30/2007 12:37	17,353
safestack.h	7/30/2007 12:37	127,361
sha.h	7/30/2007 12:37	7,329
ssl.h	7/30/2007 12:37	79,826
ssl2.h	7/30/2007 12:37	10,716
ssl23.h	7/30/2007 12:37	3,744
ssl3.h	7/30/2007 12:37	22,012

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stack.h	7/30/2007 12:37	4,418
store.h	7/30/2007 12:37	26,481
symhacks.h	7/30/2007 12:37	19,456
tls1.h	7/30/2007 12:37	15,233
tmdiff.h	7/30/2007 12:37	4,117
txt_db.h	7/30/2007 12:37	4,300
ui.h	7/30/2007 12:37	16,418
ui_compat.h	7/30/2007 12:37	3,439
x509.h	7/30/2007 12:37	47,946
x509v3.h	7/30/2007 12:37	29,980
x509_vfy.h	7/30/2007 12:37	20,782
F:\patent\iacd\jm\redist		
boost_date_time-vc80-mt-1_34.lib	7/30/2007 12:37	27,120
boost_date_time-vc80-mt-gd-1_34.lib	7/30/2007 12:37	27,278
libboost_filesystem-vc80-mt-1_34.lib	7/30/2007 12:37	647,094
libboost_filesystem-vc80-mt-gd-1_34.lib	7/30/2007 12:37	2,147,586
libeay32.lib	7/30/2007 12:37	664,514
ssleay32.lib	7/30/2007 12:37	51,978
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F:\patent\iacd\redist		
Microsoft.VC80.CRT.manifest	7/30/2007 12:37	1,869
Microsoft.VC80.DebugCRT.manifest	7/30/2007 12:37	1,877
msvc80.dll	7/30/2007 12:37	479,232
msvc80d.dll	7/30/2007 12:37	1,015,808
msvcp80.dll	7/30/2007 12:37	548,864
msvcp80d.dll	7/30/2007 12:37	1,036,288
msvcr80.dll	7/30/2007 12:37	626,688
msvcr80d.dll	7/30/2007 12:37	1,175,552
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nodes.dat	7/30/2007 12:37	896
pop_nodes.dat	7/30/2007 12:37	2,800
pubKeyFile.txt	7/30/2007 12:37	320
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advanced.html	7/30/2007 12:37	417
cache.html	7/30/2007 12:37	688
index.html	7/30/2007 12:37	7,443
settings.html	7/30/2007 12:37	1,690
F:\patent\iacd\redist\config\webconf\images		
iacd-conf-1_01.png	7/30/2007 12:37	17,057
iacd-conf-1_02.png	7/30/2007 12:37	13,351
iacd-conf-1_03.png	7/30/2007 12:37	11,149
iacd-conf-1_04.png	7/30/2007 12:37	8,146
iacd-conf-1_05-active.png	7/30/2007 12:37	1,735
iacd-conf-1_05.png	7/30/2007 12:37	2,711
iacd-conf-1_06.png	7/30/2007 12:37	430
iacd-conf-1_07-active.png	7/30/2007 12:37	1,453
iacd-conf-1_07.png	7/30/2007 12:37	2,283
iacd-conf-1_08.png	7/30/2007 12:37	437
iacd-conf-1_09-active.png	7/30/2007 12:37	1,758
iacd-conf-1_09.png	7/30/2007 12:37	2,697
iacd-conf-1_10.png	7/30/2007 12:37	2,799
iacd-conf-1_11.png	7/30/2007 12:37	131
iacd-conf-1_12.png	7/30/2007 12:37	128
iacd-conf-1_13.png	7/30/2007 12:37	128
iacd-conf-1_14.png	7/30/2007 12:37	227
iacd-conf-1_16.png	7/30/2007 12:37	12,526
iacd-conf-1_17.png	7/30/2007 12:37	11,541
internal-empty.png	7/30/2007 12:37	1,072
spacer.gif	7/30/2007 12:37	43

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Microsoft.VC80.CRT.manifest	7/30/2007 12:37	1,887
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Microsoft.VC80.DebugCRT.manifest	7/30/2007 12:37	1,897
F:\patent\iacd\scripts		
calcp2p.sh	7/30/2007 12:37	795
ijittrd.sh	7/30/2007 12:37	527
init-env.sh	7/30/2007 12:37	204
pkginst.sh	7/30/2007 12:37	580
procwatch.sh	7/30/2007 12:37	186
randomize_upspeeds.sh	7/30/2007 12:37	141
rndwatch.sh	7/30/2007 12:37	4,223
startnodes.sh	7/30/2007 12:37	445
F:\patent\iacd\tools		
F:\patent\iacd\tools\v2		
boost-build.jam	7/30/2007 12:37	22
bootstrap.jam	7/30/2007 12:37	761
build-system.jam	7/30/2007 12:37	6,429
site-config.jam	7/30/2007 12:37	41
user-config.jam	7/30/2007 12:37	1,614
F:\patent\iacd\tools\v2\build		
alias.jam	7/30/2007 12:37	2,590
build-request.jam	7/30/2007 12:37	9,241
feature.jam	7/30/2007 12:37	35,079
generators.jam	7/30/2007 12:37	39,726
modifiers.jam	7/30/2007 12:37	8,176
project.jam	7/30/2007 12:37	31,158
property-set.jam	7/30/2007 12:37	10,865
property.jam	7/30/2007 12:37	17,970

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readme.txt	7/30/2007 12:37	179
scanner.jam	7/30/2007 12:37	4,842
targets.jam	7/30/2007 12:37	47,749
toolset.jam	7/30/2007 12:37	12,869
type.jam	7/30/2007 12:37	9,526
version.jam	7/30/2007 12:37	545
virtual-target.jam	7/30/2007 12:37	35,056
F:\patent\iacd\tools\v2\kernel		
boost-build.jam	7/30/2007 12:37	316
bootstrap.jam	7/30/2007 12:37	4,950
class.jam	7/30/2007 12:37	10,352
errors.jam	7/30/2007 12:37	7,220
modules.jam	7/30/2007 12:37	11,507
F:\patent\iacd\tools\v2\options		
help.jam	7/30/2007 12:37	5,321
F:\patent\iacd\tools\v2\tools		
acc.jam	7/30/2007 12:37	2,984
bison.jam	7/30/2007 12:37	842
boostbook-config.jam	7/30/2007 12:37	1,868
boostbook.jam	7/30/2007 12:37	13,674
borland.jam	7/30/2007 12:37	6,994
builtin.jam	7/30/2007 12:37	25,339
common.jam	7/30/2007 12:37	15,693
como-linux.jam	7/30/2007 12:37	3,594
como-win.jam	7/30/2007 12:37	4,587
como.jam	7/30/2007 12:37	787
cw-config.jam	7/30/2007 12:37	1,283
cw.jam	7/30/2007 12:37	6,367
darwin.jam	7/30/2007 12:37	2,654
docutils.jam	7/30/2007 12:37	1,508

[File/Folder]	[Date]	[Size in Bytes]
doxygen-config.jam	7/30/2007 12:37	1,259
doxygen.jam	7/30/2007 12:37	6,349
fop.jam	7/30/2007 12:37	2,967
fortran.jam	7/30/2007 12:37	1,197
gcc.jam	7/30/2007 12:37	13,753
gettext.jam	7/30/2007 12:37	7,908
gfortran.jam	7/30/2007 12:37	998
hpfortran.jam	7/30/2007 12:37	902
ifort.jam	7/30/2007 12:37	1,493
intel-linux.jam	7/30/2007 12:37	2,479
intel-win.jam	7/30/2007 12:37	3,556
intel.jam	7/30/2007 12:37	791
kylix.jam	7/30/2007 12:37	639
lex.jam	7/30/2007 12:37	818
make.jam	7/30/2007 12:37	2,275
msvc-config.jam	7/30/2007 12:37	1,355
msvc.jam	7/30/2007 12:37	14,700
notfile.jam	7/30/2007 12:37	1,937
package.jam	7/30/2007 12:37	2,911
python-config.jam	7/30/2007 12:37	836
python.jam	7/30/2007 12:37	14,301
qt.jam	7/30/2007 12:37	5,312
qt4.jam	7/30/2007 12:37	5,819
quickbook-config.jam	7/30/2007 12:37	1,257
quickbook.jam	7/30/2007 12:37	10,810
rc.jam	7/30/2007 12:37	4,431
stage.jam	7/30/2007 12:37	16,904
stlport.jam	7/30/2007 12:37	8,540
sun.jam	7/30/2007 12:37	3,827
symlink.jam	7/30/2007 12:37	4,107

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testing.jam	7/30/2007 12:37	14,949
unix.jam	7/30/2007 12:37	5,843
vacpp.jam	7/30/2007 12:37	3,498
whale.jam	7/30/2007 12:37	2,923
xlf.jam	7/30/2007 12:37	900
xsltproc-config.jam	7/30/2007 12:37	1,049
xsltproc.jam	7/30/2007 12:37	3,031
F:\patent\iacd\tools\v2\tools\types		
cpp.jam	7/30/2007 12:37	208
exe.jam	7/30/2007 12:37	226
html.jam	7/30/2007 12:37	203
lib.jam	7/30/2007 12:37	631
obj.jam	7/30/2007 12:37	230
register.jam	7/30/2007 12:37	1,243
rsp.jam	7/30/2007 12:37	201
F:\patent\iacd\tools\v2\util		
assert.jam	7/30/2007 12:37	3,165
container.jam	7/30/2007 12:37	8,242
doc.jam	7/30/2007 12:37	28,918
hn.jam	7/30/2007 12:37	6,378
indirect.jam	7/30/2007 12:37	2,955
numbers.jam	7/30/2007 12:37	5,318
option.jam	7/30/2007 12:37	456
order.jam	7/30/2007 12:37	5,518
os.jam	7/30/2007 12:37	3,194
path.jam	7/30/2007 12:37	19,532
print.jam	7/30/2007 12:37	14,080
regex.jam	7/30/2007 12:37	5,247
sequence.jam	7/30/2007 12:37	8,478
set.jam	7/30/2007 12:37	1,358

[File/Folder]	[Date]	[Size in Bytes]
string.jam	7/30/2007 12:37	2,909
utility.jam	7/30/2007 12:37	3,415
wrapper.jam	7/30/2007 12:37	2,664
F:\patent\iacd\util		
gentorrent.cpp	7/30/2007 12:37	2,376
Jamfile	7/30/2007 12:37	1,514
stunt.cpp	7/30/2007 12:37	3,208
stunt2.cpp	7/30/2007 12:37	1,135
wget.cpp	7/30/2007 12:37	2,781
F:\patent\install		
build.xml	7/30/2007 12:37	651
F:\patent\install\nsis-win		
build.xml	7/30/2007 12:37	5,998
INSTALL.txt	7/30/2007 12:37	648
jis.nsi	7/30/2007 12:37	12,457
jisd.nsi	7/30/2007 12:37	12,481
jitr.ico	7/30/2007 12:37	10,734
makensis.exe	7/30/2007 12:37	471,552
README.txt	7/30/2007 12:37	1,133
unjitr.ico	7/30/2007 12:37	10,734
F:\patent\install\nsis-win\debug		
F:\patent\install\nsis-win\doc		
Project	7/30/2007 12:37	19,279
F:\patent\install\nsis-win\help		
F:\patent\install\nsis-win\Include		
Colors.nsh	7/30/2007 12:37	1,858
FileFunc.nsh	7/30/2007 12:37	45,751
Library.nsh	7/30/2007 12:37	19,080
LoadingBar_Icon.exe	7/30/2007 12:37	6,144
LogicLib.nsh	7/30/2007 12:37	28,380

[File/Folder]	[Date]	[Size in Bytes]
MUI.nsh	7/30/2007 12:37	50
Sections.nsh	7/30/2007 12:37	5,782
StrFunc.nsh	7/30/2007 12:37	47,965
TextFunc.nsh	7/30/2007 12:37	28,017
UpgradeDLL.nsh	7/30/2007 12:37	4,993
VPatchLib.nsh	7/30/2007 12:37	649
WinMessages.nsh	7/30/2007 12:37	23,722
WinVer.nsh	7/30/2007 12:37	4,066
WordFunc.nsh	7/30/2007 12:37	43,589
x64.nsh	7/30/2007 12:37	1,358
F:\patent\install\nsis-win\Plugins		
AdvSplash.dll	7/30/2007 12:37	6,144
Banner.dll	7/30/2007 12:37	4,096
BgImage.dll	7/30/2007 12:37	7,168
Crypto.dll	7/30/2007 12:37	2,886
DcryptDll.dll	7/30/2007 12:37	14,848
Dialer.dll	7/30/2007 12:37	3,584
FindProcDLL.dll	7/30/2007 12:37	3,584
InstallOptions.dll	7/30/2007 12:37	13,824
KillProcDLL.dll	7/30/2007 12:37	4,096
LangDLL.dll	7/30/2007 12:37	5,120
Math.dll	7/30/2007 12:37	15,360
md5dll.dll	7/30/2007 12:37	8,192
messagebox.dll	7/30/2007 12:37	6,144
nsExec.dll	7/30/2007 12:37	6,144
NSISdl.dll	7/30/2007 12:37	12,800
nsisunz.dll	7/30/2007 12:37	81,920
nsSCM.dll	7/30/2007 12:37	5,632
Splash.dll	7/30/2007 12:37	4,096
StartMenu.dll	7/30/2007 12:37	6,656

[File/Folder]	[Date]	[Size in Bytes]
System.dll	7/30/2007 12:37	10,240
TypeLib.dll	7/30/2007 12:37	3,584
UserInfo.dll	7/30/2007 12:37	4,096
VPatch.dll	7/30/2007 12:37	7,680
F:\patent\install\nsis-win\redist		
Jitr.lnk	7/30/2007 12:37	691
jitrSmall.ico	7/30/2007 12:37	318
unjitrSmall.ico	7/30/2007 12:37	318
F:\patent\install\nsis-win\redist\config		
F:\patent\install\nsis-win\redist\config\jitr		
adservers.list	7/30/2007 12:37	11
infras.list	7/30/2007 12:37	100
pop_adservers.list	7/30/2007 12:37	12
pop_infras.list	7/30/2007 12:37	110
F:\patent\install\nsis-win\redist\plugins		
F:\patent\install\nsis-win\redist\plugins\Microsoft.VC80.CRT		
F:\patent\install\nsis-win\release		
F:\patent\install\nsis-win\Stubs		
bzip2	7/30/2007 12:37	34,304
bzip2_solid	7/30/2007 12:37	34,816
lzma	7/30/2007 12:37	34,304
lzma_solid	7/30/2007 12:37	34,816
uninst	7/30/2007 12:37	766
zlib	7/30/2007 12:37	35,328
zlib_solid	7/30/2007 12:37	36,352
F:\patent\install\nsis-win\test		
F:\patent\install\nsis-win\tools		
jitrprivatekey.pfx	7/30/2007 12:37	3,758
mycredentials.spc	7/30/2007 12:37	6,784
signtool.exe	7/30/2007 12:37	327,360

[File/Folder]	[Date]	[Size in Bytes]
F:\patent\jitrtrm		
build.xml	7/30/2007 12:38	1,446
INTALL.txt	7/30/2007 12:38	94
jm.sln	7/30/2007 12:38	871
README.txt	7/30/2007 12:38	251
F:\patent\jitrtrm\doc		
Project	7/30/2007 12:38	22,952
~\$object	7/30/2007 12:38	162
F:\patent\jitrtrm\jm		
GetProcessID.cpp	7/30/2007 12:38	4,330
GetProcessID.h	7/30/2007 12:38	134
jm.vcproj	7/30/2007 12:38	4,435
jmSocket.cpp	7/30/2007 12:38	1,799
jmSocket.h	7/30/2007 12:38	52
main.cpp	7/30/2007 12:38	7,935
verify.cpp	7/30/2007 12:38	3,623
verify.h	7/30/2007 12:38	380
F:\patent\jitrtrm\jm\openssl		
aes.h	7/30/2007 12:38	5,372
applink.c	7/30/2007 12:38	2,892
asn1.h	7/30/2007 12:38	46,139
asn1t.h	7/30/2007 12:38	27,838
asn1_mac.h	7/30/2007 12:38	18,956
bio.h	7/30/2007 12:38	30,860
blowfish.h	7/30/2007 12:38	5,073
bn.h	7/30/2007 12:38	32,411
buffer.h	7/30/2007 12:38	4,565
camellia.h	7/30/2007 12:38	5,110
cast.h	7/30/2007 12:38	4,349
comp.h	7/30/2007 12:38	1,601

[File/Folder]	[Date]	[Size in Bytes]
conf.h	7/30/2007 12:38	9,443
conf_api.h	7/30/2007 12:38	4,080
crypto.h	7/30/2007 12:38	22,121
des.h	7/30/2007 12:38	10,724
des_old.h	7/30/2007 12:38	18,226
dh.h	7/30/2007 12:38	8,372
dsa.h	7/30/2007 12:38	10,474
dso.h	7/30/2007 12:38	16,252
dtls1.h	7/30/2007 12:38	6,183
ebcdic.h	7/30/2007 12:38	540
ec.h	7/30/2007 12:38	21,352
ecdh.h	7/30/2007 12:38	4,609
ecdsa.h	7/30/2007 12:38	10,578
engine.h	7/30/2007 12:38	37,839
err.h	7/30/2007 12:38	12,493
evp.h	7/30/2007 12:38	35,352
e_os2.h	7/30/2007 12:38	9,632
hmac.h	7/30/2007 12:38	4,368
idea.h	7/30/2007 12:38	4,364
krb5_asn.h	7/30/2007 12:38	7,642
kssl.h	7/30/2007 12:38	5,927
lhash.h	7/30/2007 12:38	7,429
md2.h	7/30/2007 12:38	3,897
md4.h	7/30/2007 12:38	4,661
md5.h	7/30/2007 12:38	4,661
objects.h	7/30/2007 12:38	33,396
obj_mac.h	7/30/2007 12:38	113,075
ocsp.h	7/30/2007 12:38	23,863
opensslconf.h	7/30/2007 12:38	6,331
opensslv.h	7/30/2007 12:38	3,751

[File/Folder]	[Date]	[Size in Bytes]
ossl_typ.h	7/30/2007 12:38	6,446
pem.h	7/30/2007 12:38	28,370
pem2.h	7/30/2007 12:38	2,863
pkcs12.h	7/30/2007 12:38	12,677
pkcs7.h	7/30/2007 12:38	16,333
pqueue.h	7/30/2007 12:38	3,519
pq_compat.h	7/30/2007 12:38	6,142
rand.h	7/30/2007 12:38	5,251
rc2.h	7/30/2007 12:38	4,294
rc4.h	7/30/2007 12:38	3,707
ripemd.h	7/30/2007 12:38	4,284
rsa.h	7/30/2007 12:38	17,353
safestack.h	7/30/2007 12:38	127,361
sha.h	7/30/2007 12:38	7,329
ssl.h	7/30/2007 12:38	79,826
ssl2.h	7/30/2007 12:38	10,716
ssl23.h	7/30/2007 12:38	3,744
ssl3.h	7/30/2007 12:38	22,012
stack.h	7/30/2007 12:38	4,418
store.h	7/30/2007 12:38	26,481
symhacks.h	7/30/2007 12:38	19,456
tls1.h	7/30/2007 12:38	15,233
tmdiff.h	7/30/2007 12:38	4,117
txt_db.h	7/30/2007 12:38	4,300
ui.h	7/30/2007 12:38	16,418
ui_compat.h	7/30/2007 12:38	3,439
x509.h	7/30/2007 12:38	47,946
x509v3.h	7/30/2007 12:38	29,980
x509_vfy.h	7/30/2007 12:38	20,782
F:\patent\jitrmm\redist		

[File/Folder]	[Date]	[Size in Bytes]
boost_date_time-vc80-mt-1_34.lib	7/30/2007 12:38	27,120
boost_date_time-vc80-mt-gd-1_34.lib	7/30/2007 12:38	27,278
libboost_filesystem-vc80-mt-1_34.lib	7/30/2007 12:38	647,094
libboost_filesystem-vc80-mt-gd-1_34.lib	7/30/2007 12:38	2,147,586
libeay32.lib	7/30/2007 12:38	664,514
ssleay32.lib	7/30/2007 12:38	51,978
F:\patent\jitttrm\test		
F:\patent\ks		
ks.sh	7/30/2007 12:38	1,960
F:\patent\mstore		
build.sh	7/30/2007 12:38	885
INSTALL	7/30/2007 12:38	26
README	7/30/2007 12:38	341
F:\patent\mstore\bin		
F:\patent\mstore\conf		
mstore.ini	7/30/2007 12:38	994
F:\patent\mstore\debug		
F:\patent\mstore\doc		
F:\patent\mstore\mi		
build.sh	7/30/2007 12:38	991
mi.py	7/30/2007 12:38	11,278
README	7/30/2007 12:38	218
release.sh	7/30/2007 12:38	3,929
start.sh	7/30/2007 12:38	171
threadpool.py	7/30/2007 12:38	12,755
version.py	7/30/2007 12:38	557
F:\patent\mstore\mi\conf		
mi.ini	7/30/2007 12:38	1,324
F:\patent\mstore\mi\docs		
README	7/30/2007 12:38	124

[File/Folder]	[Date]	[Size in Bytes]
F:\patent\mstore\mi\etc		
F:\patent\mstore\mi\etc\init.d		
rc.mi	7/30/2007 12:38	1,327
F:\patent\mstore\mi\release		
F:\patent\mstore\mi\rpm		
mi.spec	7/30/2007 12:38	2,708
rpmmacros	7/30/2007 12:38	135
F:\patent\mstore\msapi		
api.php	7/30/2007 12:38	14,100
msheader.php	7/30/2007 12:38	1,253
mstore.ini	7/30/2007 12:38	972
README	7/30/2007 12:38	504
test.php	7/30/2007 12:38	1,133
util.inc.php	7/30/2007 12:38	865
F:\patent\mstore\msdb		
msdb.sql	7/30/2007 12:38	561
README	7/30/2007 12:38	208
F:\patent\mstore\redist		
F:\patent\mstore\src		
F:\patent\mstore\syncd		
boost-build.jam	7/30/2007 12:38	346
build.sh	7/30/2007 12:38	966
build.xml	7/30/2007 12:38	1,642
Jamfile	7/30/2007 12:38	4,953
Jamrules	7/30/2007 12:38	256
project-root.jam	7/30/2007 12:38	337
README	7/30/2007 12:38	219
release.sh	7/30/2007 12:38	3,992
F:\patent\mstore\syncd\conf		
setup_cluster.sh	7/30/2007 12:38	3,678

[File/Folder]	[Date]	[Size in Bytes]
syncd.conf	7/30/2007 12:38	356
syncd.sysconfig	7/30/2007 12:38	387
F:\patent\mstore\syncd\docs		
README	7/30/2007 12:38	7
F:\patent\mstore\syncd\etc		
F:\patent\mstore\syncd\etc\init.d		
rc.syncd	7/30/2007 12:38	1,942
F:\patent\mstore\syncd\extra		
Jamfile	7/30/2007 12:38	2,663
F:\patent\mstore\syncd\extra\boost_date_time		
F:\patent\mstore\syncd\extra\boost_date_time\gregorian		
date_generators.cpp	7/30/2007 12:37	892
gregorian_types.cpp	7/30/2007 12:37	2,092
greg_month.cpp	7/30/2007 12:37	6,095
greg_names.hpp	7/30/2007 12:37	2,378
greg_weekday.cpp	7/30/2007 12:37	1,353
F:\patent\mstore\syncd\extra\boost_date_time\posix_time		
posix_time_types.cpp	7/30/2007 12:37	923
F:\patent\mstore\syncd\extra\boost_filesystem		
exception.cpp	7/30/2007 12:38	5,236
operations.cpp	7/30/2007 12:38	47,533
path.cpp	7/30/2007 12:38	4,245
portability.cpp	7/30/2007 12:38	3,550
utf8_codecvt_facet1.cpp	7/30/2007 12:38	598
utf8_codecvt_facet_impl.cpp	7/30/2007 12:38	9,154
F:\patent\mstore\syncd\extra\boost_program_options		
cmdline.cpp	7/30/2007 12:38	17,044
config_file.cpp	7/30/2007 12:38	5,859
convert.cpp	7/30/2007 12:38	5,430
options_description.cpp	7/30/2007 12:38	19,191

[File/Folder]	[Date]	[Size in Bytes]
parsers.cpp	7/30/2007 12:38	6,523
positional_options.cpp	7/30/2007 12:38	1,385
utf8_codecvt_facet.cpp	7/30/2007 12:38	600
utf8_codecvt_facet_impl.cpp	7/30/2007 12:38	9,154
value_semantic.cpp	7/30/2007 12:38	7,780
variables_map.cpp	7/30/2007 12:38	6,186
winmain.cpp	7/30/2007 12:38	3,793
F:\patent\mstore\syncd\extra\boost_regex		
cpp_regex_traits.cpp	7/30/2007 12:37	3,209
cregex.cpp	7/30/2007 12:37	16,417
c_regex_traits.cpp	7/30/2007 12:37	6,576
fileiter.cpp	7/30/2007 12:37	19,887
icu.cpp	7/30/2007 12:37	20,867
instances.cpp	7/30/2007 12:37	729
posix_api.cpp	7/30/2007 12:37	6,949
regex.cpp	7/30/2007 12:37	5,684
regex_debug.cpp	7/30/2007 12:37	1,579
regex_raw_buffer.cpp	7/30/2007 12:37	1,802
regex_traits_defaults.cpp	7/30/2007 12:37	29,191
static_mutex.cpp	7/30/2007 12:37	3,830
usinstances.cpp	7/30/2007 12:37	2,305
w32_regex_traits.cpp	7/30/2007 12:37	14,749
wc_regex_traits.cpp	7/30/2007 12:37	8,852
wide_posix_api.cpp	7/30/2007 12:37	7,290
winstances.cpp	7/30/2007 12:37	761
F:\patent\mstore\syncd\extra\boost_signals		
connection.cpp	7/30/2007 12:38	4,156
named_slot_map.cpp	7/30/2007 12:38	3,493
signal_base.cpp	7/30/2007 12:38	6,876
slot.cpp	7/30/2007 12:38	2,840

[File/Folder]	[Date]	[Size in Bytes]
trackable.cpp	7/30/2007 12:38	1,840
F:\patent\mstore\syncd\extra\boost_thread		
barrier.cpp	7/30/2007 12:38	1,000
condition.cpp	7/30/2007 12:38	18,771
exceptions.cpp	7/30/2007 12:38	2,348
mutex.cpp	7/30/2007 12:38	10,734
mutex.inl	7/30/2007 12:38	3,412
once.cpp	7/30/2007 12:38	5,860
recursive_mutex.cpp	7/30/2007 12:38	22,562
thread.cpp	7/30/2007 12:38	10,362
timeconv.inl	7/30/2007 12:38	3,486
tss.cpp	7/30/2007 12:38	6,596
tss_dll.cpp	7/30/2007 12:38	2,367
tss_hooks.cpp	7/30/2007 12:38	6,511
tss_null.cpp	7/30/2007 12:38	1,444
tss_pe.cpp	7/30/2007 12:38	6,011
xtime.cpp	7/30/2007 12:38	4,834
F:\patent\mstore\syncd\extra\boost_thread\mac		
debug_prefix.hpp	7/30/2007 12:38	315
delivery_man.cpp	7/30/2007 12:38	1,388
delivery_man.hpp	7/30/2007 12:38	1,741
dt_scheduler.cpp	7/30/2007 12:38	1,753
dt_scheduler.hpp	7/30/2007 12:38	1,238
execution_context.cpp	7/30/2007 12:38	1,382
execution_context.hpp	7/30/2007 12:38	1,402
init.cpp	7/30/2007 12:38	1,035
init.hpp	7/30/2007 12:38	633
os.cpp	7/30/2007 12:38	1,024
os.hpp	7/30/2007 12:38	705
ot_context.cpp	7/30/2007 12:38	828

[File/Folder]	[Date]	[Size in Bytes]
ot_context.hpp	7/30/2007 12:38	1,241
package.hpp	7/30/2007 12:38	1,591
periodical.hpp	7/30/2007 12:38	1,851
prefix.hpp	7/30/2007 12:38	331
remote_calls.hpp	7/30/2007 12:38	6,891
remote_call_manager.cpp	7/30/2007 12:38	1,020
remote_call_manager.hpp	7/30/2007 12:38	2,286
safe.cpp	7/30/2007 12:38	6,456
safe.hpp	7/30/2007 12:38	1,170
scoped_critical_region.cpp	7/30/2007 12:38	1,033
scoped_critical_region.hpp	7/30/2007 12:38	1,657
st_scheduler.cpp	7/30/2007 12:38	1,891
st_scheduler.hpp	7/30/2007 12:38	1,491
thread_cleanup.cpp	7/30/2007 12:38	1,062
thread_cleanup.hpp	7/30/2007 12:38	704
F:\patent\mstore\syncd\extra\boost_thread\mac\msl_replacements		
assert.cpp	7/30/2007 12:38	991
console_io.cpp	7/30/2007 12:38	3,183
malloc.cpp	7/30/2007 12:38	967
news_and_deletes.cpp	7/30/2007 12:38	1,882
time.cpp	7/30/2007 12:38	3,847
F:\patent\mstore\syncd\extra\cryptopp		
aes.h	7/30/2007 12:37	294
algebra.cpp	7/30/2007 12:37	9,413
algebra.h	7/30/2007 12:37	9,207
algparam.cpp	7/30/2007 12:37	1,191
algparam.h	7/30/2007 12:37	12,073
argnames.h	7/30/2007 12:37	4,014
asn.cpp	7/30/2007 12:37	13,805
asn.h	7/30/2007 12:37	12,319

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basecode.cpp	7/30/2007 12:37	5,865
basecode.h	7/30/2007 12:37	2,649
config.h	7/30/2007 12:37	15,449
cpu.cpp	7/30/2007 12:37	3,559
cpu.h	7/30/2007 12:37	3,234
cryptlib.cpp	7/30/2007 12:37	21,500
cryptlib.h	7/30/2007 12:37	72,861
dll.cpp	7/30/2007 12:37	4,430
dll.h	7/30/2007 12:37	1,682
dsa.cpp	7/30/2007 12:37	2,560
dsa.h	7/30/2007 12:37	1,246
emsa2.cpp	7/30/2007 12:37	1,238
emsa2.h	7/30/2007 12:37	2,074
eprecomp.cpp	7/30/2007 12:37	4,088
eprecomp.h	7/30/2007 12:37	3,136
files.cpp	7/30/2007 12:37	4,873
files.h	7/30/2007 12:37	3,539
filters.cpp	7/30/2007 12:37	29,784
filters.h	7/30/2007 12:37	31,769
fips140.cpp	7/30/2007 12:37	2,385
fips140.h	7/30/2007 12:37	2,425
fltrimpl.h	7/30/2007 12:37	1,838
gf256.cpp	7/30/2007 12:37	626
gf256.h	7/30/2007 12:37	1,273
gfpcrypt.cpp	7/30/2007 12:37	8,676
gfpcrypt.h	7/30/2007 12:37	20,344
hex.cpp	7/30/2007 12:37	1,184
hex.h	7/30/2007 12:37	1,151
hmac.cpp	7/30/2007 12:37	1,881
hmac.h	7/30/2007 12:37	1,891

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hrtimer.cpp	7/30/2007 12:37	3,524
hrtimer.h	7/30/2007 12:37	1,810
integer.cpp	7/30/2007 12:37	110,355
integer.h	7/30/2007 12:37	13,857
iterhash.cpp	7/30/2007 12:37	4,264
iterhash.h	7/30/2007 12:37	3,961
misc.cpp	7/30/2007 12:37	2,016
misc.h	7/30/2007 12:37	28,698
modarith.h	7/30/2007 12:37	5,487
modexppc.h	7/30/2007 12:37	1,087
mqueue.cpp	7/30/2007 12:37	4,323
mqueue.h	7/30/2007 12:37	3,443
nbtheory.cpp	7/30/2007 12:37	25,321
nbtheory.h	7/30/2007 12:37	6,882
oaep.cpp	7/30/2007 12:37	3,139
oaep.h	7/30/2007 12:37	1,523
oids.h	7/30/2007 12:37	4,972
osrng.cpp	7/30/2007 12:37	3,635
osrng.h	7/30/2007 12:37	4,516
pch.h	7/30/2007 12:37	209
pkcspad.cpp	7/30/2007 12:37	4,440
pkcspad.h	7/30/2007 12:37	2,980
pssr.cpp	7/30/2007 12:37	5,673
pssr.h	7/30/2007 12:37	2,624
pubkey.cpp	7/30/2007 12:37	7,718
pubkey.h	7/30/2007 12:37	66,347
queue.cpp	7/30/2007 12:37	12,444
queue.h	7/30/2007 12:37	3,995
randpool.cpp	7/30/2007 12:37	1,452
randpool.h	7/30/2007 12:37	1,031

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rdtables.cpp	7/30/2007 12:37	33,961
rijndael.cpp	7/30/2007 12:37	18,651
rijndael.h	7/30/2007 12:37	1,664
rng.cpp	7/30/2007 12:37	3,940
rng.h	7/30/2007 12:37	2,217
rsa.cpp	7/30/2007 12:37	9,181
rsa.h	7/30/2007 12:37	6,123
secblock.h	7/30/2007 12:37	13,505
seckey.h	7/30/2007 12:37	7,240
sha.cpp	7/30/2007 12:37	16,879
sha.h	7/30/2007 12:37	2,166
simple.cpp	7/30/2007 12:37	218
simple.h	7/30/2007 12:37	7,330
smartptr.h	7/30/2007 12:37	5,114
square.cpp	7/30/2007 12:37	5,324
square.h	7/30/2007 12:37	1,435
squaretb.cpp	7/30/2007 12:37	32,649
stdcpp.h	7/30/2007 12:37	507
trdlocal.cpp	7/30/2007 12:37	1,657
trdlocal.h	7/30/2007 12:37	782
words.h	7/30/2007 12:37	2,018
F:\patent\mstore\syncd\extra\test		
compiler_log_formatter.cpp	7/30/2007 12:37	1,045
cpp_main.cpp	7/30/2007 12:37	1,027
exception_safety.cpp	7/30/2007 12:37	893
execution_monitor.cpp	7/30/2007 12:37	1,054
framework.cpp	7/30/2007 12:37	1,012
interaction_based.cpp	7/30/2007 12:37	896
Jamfile	7/30/2007 12:37	1,541
logged_expectations.cpp	7/30/2007 12:37	902

[File/Folder]	[Date]	[Size in Bytes]
plain_report_formatter.cpp	7/30/2007 12:37	1,051
progress_monitor.cpp	7/30/2007 12:37	1,204
results_collector.cpp	7/30/2007 12:37	1,036
results_reporter.cpp	7/30/2007 12:37	1,033
test_main.cpp	7/30/2007 12:37	1,030
test_tools.cpp	7/30/2007 12:37	1,033
unit_test_log.cpp	7/30/2007 12:37	1,042
unit_test_main.cpp	7/30/2007 12:37	1,045
unit_test_monitor.cpp	7/30/2007 12:37	1,054
unit_test_parameters.cpp	7/30/2007 12:37	1,063
unit_test_suite.cpp	7/30/2007 12:37	1,048
xml_log_formatter.cpp	7/30/2007 12:37	1,030
xml_report_formatter.cpp	7/30/2007 12:37	1,045
F:\patent\mstore\syncd\extra\zlib		
adler32.c	7/30/2007 12:37	4,559
compress.c	7/30/2007 12:37	2,489
crc32.c	7/30/2007 12:37	13,193
crc32.h	7/30/2007 12:37	30,568
deflate.c	7/30/2007 12:37	64,163
deflate.h	7/30/2007 12:37	12,114
gzio.c	7/30/2007 12:37	31,103
infbck.c	7/30/2007 12:37	22,164
inffast.c	7/30/2007 12:37	12,568
inffast.h	7/30/2007 12:37	407
inffixed.h	7/30/2007 12:37	6,343
inflate.c	7/30/2007 12:37	48,977
inflate.h	7/30/2007 12:37	5,916
inftrees.c	7/30/2007 12:37	13,756
inftrees.h	7/30/2007 12:37	2,373
Jamfile	7/30/2007 12:37	344

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trees.c	7/30/2007 12:37	44,027
trees.h	7/30/2007 12:37	8,444
uncompr.c	7/30/2007 12:37	2,087
zconf.h	7/30/2007 12:37	9,544
zconf.in.h	7/30/2007 12:37	9,544
zlib.h	7/30/2007 12:37	66,188
zutil.c	7/30/2007 12:37	7,136
zutil.h	7/30/2007 12:37	6,859
F:\patent\mstore\syncd\release		
F:\patent\mstore\syncd\rpm		
rpmmacros	7/30/2007 12:38	135
syncd.spec	7/30/2007 12:38	3,917
F:\patent\mstore\syncd\syncd		
conf.cpp	7/30/2007 12:37	2,040
conf.hpp	7/30/2007 12:37	642
connection.cpp	7/30/2007 12:37	1,887
connection.hpp	7/30/2007 12:37	1,502
connection_manager.cpp	7/30/2007 12:37	599
connection_manager.hpp	7/30/2007 12:37	743
customer.cpp	7/30/2007 12:37	680
customer.hpp	7/30/2007 12:37	581
dbdump.cpp	7/30/2007 12:37	8,841
dbdump.hpp	7/30/2007 12:37	1,564
fcopy.cpp	7/30/2007 12:37	5,803
fcopy.hpp	7/30/2007 12:37	1,117
Jamfile	7/30/2007 12:37	800
main.cpp	7/30/2007 12:37	5,434
README	7/30/2007 12:37	219
request.cpp	7/30/2007 12:37	500
request.hpp	7/30/2007 12:37	760

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request_q.cpp	7/30/2007 12:37	737
request_q.hpp	7/30/2007 12:37	742
server.cpp	7/30/2007 12:37	3,008
server.hpp	7/30/2007 12:37	1,771
start.sh	7/30/2007 12:37	108
stats.cpp	7/30/2007 12:37	3,104
stats.hpp	7/30/2007 12:37	865
sync.cpp	7/30/2007 12:37	2,012
sync.hpp	7/30/2007 12:37	963
version.h	7/30/2007 12:37	850
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build.bat	7/30/2007 12:37	60
F:\patent\player\3rdparty		
F:\patent\player\3rdparty\DirectX		
F:\patent\player\3rdparty\DirectX\include		
dsound.h	7/30/2007 12:36	110,756
F:\patent\player\3rdparty\DirectX\lib		
dsound.lib	7/30/2007 12:36	4,042
dxguid.lib	7/30/2007 12:36	566,682
F:\patent\player\3rdparty\libogg-1.1.3		
aclocal.m4	7/30/2007 12:36	240,770
AUTHORS	7/30/2007 12:36	66
CHANGES	7/30/2007 12:36	992
compile	7/30/2007 12:36	3,703
config.guess	7/30/2007 12:36	43,830
config.h.in	7/30/2007 12:36	1,816
config.sub	7/30/2007 12:36	31,544
configure	7/30/2007 12:36	729,820
configure.in	7/30/2007 12:36	6,437
COPYING	7/30/2007 12:36	1,466

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depcomp	7/30/2007 12:36	15,868
install-sh	7/30/2007 12:36	9,233
libogg.spec	7/30/2007 12:36	2,825
libogg.spec.in	7/30/2007 12:36	2,829
ltmain.sh	7/30/2007 12:36	184,058
Makefile.am	7/30/2007 12:36	952
Makefile.in	7/30/2007 12:36	22,864
missing	7/30/2007 12:36	10,872
ogg-uninstalled.pc.in	7/30/2007 12:36	291
ogg.m4	7/30/2007 12:36	3,486
ogg.pc.in	7/30/2007 12:36	266
README	7/30/2007 12:36	3,447
F:\patent\player\3rdparty\libogg-1.1.3\debian		
changelog	7/30/2007 12:36	1,691
control	7/30/2007 12:36	713
copyright	7/30/2007 12:36	1,715
libogg-dev.docs	7/30/2007 12:36	36
libogg-dev.install	7/30/2007 12:36	271
libogg0.install	7/30/2007 12:36	31
libogg0.README.Debian	7/30/2007 12:36	160
rules	7/30/2007 12:36	3,296
watch	7/30/2007 12:36	86
F:\patent\player\3rdparty\libogg-1.1.3\doc		
framing.html	7/30/2007 12:36	14,774
index.html	7/30/2007 12:36	1,809
Makefile.am	7/30/2007 12:36	301
Makefile.in	7/30/2007 12:36	15,518
ogg-multiplex.html	7/30/2007 12:36	18,859
oggstream.html	7/30/2007 12:36	8,619
rfc3533.txt	7/30/2007 12:36	32,045

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rfc3534.txt	7/30/2007 12:36	10,013
stream.png	7/30/2007 12:36	2,254
vorbisword2.png	7/30/2007 12:36	1,394
white-ogg.png	7/30/2007 12:36	2,652
white-xifish.png	7/30/2007 12:36	965
F:\patent\player\3rdparty\libogg-1.1.3\doc\libogg		
bitpacking.html	7/30/2007 12:36	3,257
datastructures.html	7/30/2007 12:36	1,762
decoding.html	7/30/2007 12:36	3,924
encoding.html	7/30/2007 12:36	2,410
general.html	7/30/2007 12:36	3,581
index.html	7/30/2007 12:36	1,096
Makefile.am	7/30/2007 12:36	1,469
Makefile.in	7/30/2007 12:36	11,278
oggpack_adv.html	7/30/2007 12:36	1,421
oggpack_adv1.html	7/30/2007 12:36	1,326
oggpack_bits.html	7/30/2007 12:36	1,475
oggpack_buffer.html	7/30/2007 12:36	1,543
oggpack_bytes.html	7/30/2007 12:36	1,591
oggpack_get_buffer.html	7/30/2007 12:36	1,465
oggpack_look.html	7/30/2007 12:36	1,675
oggpack_look1.html	7/30/2007 12:36	1,488
oggpack_read.html	7/30/2007 12:36	1,603
oggpack_read1.html	7/30/2007 12:36	1,580
oggpack_readinit.html	7/30/2007 12:36	1,740
oggpack_reset.html	7/30/2007 12:36	1,414
oggpack_write.html	7/30/2007 12:36	1,702
oggpack_writealign.html	7/30/2007 12:36	1,554
oggpack_writeclear.html	7/30/2007 12:36	1,431
oggpack_writecopy.html	7/30/2007 12:36	1,749

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oggpack_writeinit.html	7/30/2007 12:36	1,540
oggpack_writetrunc.html	7/30/2007 12:36	1,584
ogg_packet.html	7/30/2007 12:36	2,286
ogg_packet_clear.html	7/30/2007 12:36	1,393
ogg_page.html	7/30/2007 12:36	2,139
ogg_page_bos.html	7/30/2007 12:36	1,422
ogg_page_checksum_set.html	7/30/2007 12:36	1,233
ogg_page_continued.html	7/30/2007 12:36	1,454
ogg_page_eos.html	7/30/2007 12:36	1,419
ogg_page_granulepos.html	7/30/2007 12:36	1,598
ogg_page_packets.html	7/30/2007 12:36	1,867
ogg_page_pageno.html	7/30/2007 12:36	1,383
ogg_page_serialno.html	7/30/2007 12:36	1,437
ogg_page_version.html	7/30/2007 12:36	1,558
ogg_stream_clear.html	7/30/2007 12:36	1,396
ogg_stream_destroy.html	7/30/2007 12:36	1,522
ogg_stream_eos.html	7/30/2007 12:36	1,414
ogg_stream_flush.html	7/30/2007 12:36	2,232
ogg_stream_init.html	7/30/2007 12:36	1,757
ogg_stream_packetin.html	7/30/2007 12:36	1,653
ogg_stream_packetout.html	7/30/2007 12:36	2,603
ogg_stream_packetpeek.html	7/30/2007 12:36	2,240
ogg_stream_pagein.html	7/30/2007 12:36	2,190
ogg_stream_pageout.html	7/30/2007 12:36	2,057
ogg_stream_reset.html	7/30/2007 12:36	1,386
ogg_stream_reset_serialno.html	7/30/2007 12:36	1,619
ogg_stream_state.html	7/30/2007 12:36	4,409
ogg_sync_buffer.html	7/30/2007 12:36	2,097
ogg_sync_clear.html	7/30/2007 12:36	1,763
ogg_sync_destroy.html	7/30/2007 12:36	1,458

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ogg_sync_init.html	7/30/2007 12:36	1,665
ogg_sync_pageout.html	7/30/2007 12:36	2,521
ogg_sync_pagesseek.html	7/30/2007 12:36	2,011
ogg_sync_reset.html	7/30/2007 12:36	1,538
ogg_sync_state.html	7/30/2007 12:36	1,516
ogg_sync_wrote.html	7/30/2007 12:36	2,040
overview.html	7/30/2007 12:36	1,174
reference.html	7/30/2007 12:36	3,921
style.css	7/30/2007 12:36	279
vorbis_comment.html	7/30/2007 12:36	2,169
vorbis_info.html	7/30/2007 12:36	2,404
F:\patent\player\3rdparty\libogg-1.1.3\include		
Makefile.am	7/30/2007 12:36	73
Makefile.in	7/30/2007 12:36	14,233
F:\patent\player\3rdparty\libogg-1.1.3\include\ogg		
config_types.h.in	7/30/2007 12:36	256
Makefile.am	7/30/2007 12:36	175
Makefile.in	7/30/2007 12:36	12,995
ogg.h	7/30/2007 12:36	7,589
os_types.h	7/30/2007 12:36	4,121
F:\patent\player\3rdparty\libogg-1.1.3\macos		
libogg.mcp	7/30/2007 12:36	112,574
libogg.mcp.exp	7/30/2007 12:36	969
F:\patent\player\3rdparty\libogg-1.1.3\macos\compat		
strdup.c	7/30/2007 12:36	305
F:\patent\player\3rdparty\libogg-1.1.3\macos\compat\sys		
types.h	7/30/2007 12:36	422
F:\patent\player\3rdparty\libogg-1.1.3\macosx		
Info.plist	7/30/2007 12:36	991
Ogg_Prefix.pch	7/30/2007 12:36	114

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InfoPlist.strings	7/30/2007 12:36	136
F:\patent\player\3rdparty\libogg-1.1.3\macosx\Ogg.xcodeproj		
project.pbxproj	7/30/2007 12:36	11,883
F:\patent\player\3rdparty\libogg-1.1.3\src		
bitwise.c	7/30/2007 12:36	20,812
framing.c	7/30/2007 12:36	50,958
Makefile.am	7/30/2007 12:36	656
Makefile.in	7/30/2007 12:36	20,198
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build_ogg_dynamic.bat	7/30/2007 12:36	463
build_ogg_dynamic_debug.bat	7/30/2007 12:36	461
build_ogg_static.bat	7/30/2007 12:36	460
build_ogg_static_debug.bat	7/30/2007 12:36	458
Makefile.am	7/30/2007 12:36	215
Makefile.in	7/30/2007 12:36	8,952
ogg.def	7/30/2007 12:36	1,221
ogg.dsw	7/30/2007 12:36	740
ogg_dynamic.dsp	7/30/2007 12:36	4,698
ogg_static.dsp	7/30/2007 12:36	3,204
F:\patent\player\3rdparty\libogg-1.1.3\win32\VS2003		
F:\patent\player\3rdparty\libogg-1.1.3\win32\VS2003\libogg		
libogg.vcproj	7/30/2007 12:36	8,023
F:\patent\player\3rdparty\libvorbis-1.1.2		
acinclude.m4	7/30/2007 12:37	5,680
aclocal.m4	7/30/2007 12:37	240,797
AUTHORS	7/30/2007 12:37	65
autogen.sh	7/30/2007 12:37	2,118
config.guess	7/30/2007 12:37	43,830

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config.h.in	7/30/2007 12:37	2,235
config.sub	7/30/2007 12:37	31,544
configure	7/30/2007 12:37	710,153
configure.in	7/30/2007 12:37	7,931
COPYING	7/30/2007 12:37	1,470
depcomp	7/30/2007 12:37	15,868
install-sh	7/30/2007 12:37	9,233
libvorbis.spec	7/30/2007 12:37	3,232
libvorbis.spec.in	7/30/2007 12:37	3,236
ltmain.sh	7/30/2007 12:37	184,058
Makefile.am	7/30/2007 12:37	1,189
Makefile.in	7/30/2007 12:37	24,391
missing	7/30/2007 12:37	10,872
README	7/30/2007 12:37	4,818
todo.txt	7/30/2007 12:37	490
vorbis-uninstalled.pc.in	7/30/2007 12:37	308
vorbis.m4	7/30/2007 12:37	4,356
vorbis.pc.in	7/30/2007 12:37	285
vorbisenc-uninstalled.pc.in	7/30/2007 12:37	374
vorbisenc.pc.in	7/30/2007 12:37	361
vorbisfile-uninstalled.pc.in	7/30/2007 12:37	400
vorbisfile.pc.in	7/30/2007 12:37	387
F:\patent\player\3rdparty\libvorbis-1.1.2\debian		
changelog	7/30/2007 12:37	3,403
control	7/30/2007 12:37	2,258
copyright	7/30/2007 12:37	1,691
libvorbis-dev.docs	7/30/2007 12:37	39
libvorbis-dev.examples	7/30/2007 12:37	27
libvorbis-dev.install	7/30/2007 12:37	592
libvorbis0a.install	7/30/2007 12:37	34

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libvorbisenc2.install	7/30/2007 12:37	37
libvorbisfile3.install	7/30/2007 12:37	38
rules	7/30/2007 12:37	3,325
watch	7/30/2007 12:37	92
F:\patent\player\3rdparty\libvorbis-1.1.2\doc		
components.png	7/30/2007 12:37	10,599
draft-kerr-avt-vorbis-rtp-03.txt	7/30/2007 12:37	37,247
eightphase.png	7/30/2007 12:37	11,130
evenlsp.png	7/30/2007 12:37	2,781
floor1-1.png	7/30/2007 12:37	3,668
floor1-2.png	7/30/2007 12:37	3,977
floor1-3.png	7/30/2007 12:37	4,961
floor1-4.png	7/30/2007 12:37	4,441
floor1_inverse_dB_table.html	7/30/2007 12:37	5,575
floorval.png	7/30/2007 12:37	2,845
fourphase.png	7/30/2007 12:37	9,992
framing.html	7/30/2007 12:37	15,178
helper.html	7/30/2007 12:37	5,972
hufftree-under.png	7/30/2007 12:37	1,432
hufftree.png	7/30/2007 12:37	1,457
index.html	7/30/2007 12:37	2,352
lspmap.png	7/30/2007 12:37	4,282
Makefile.am	7/30/2007 12:37	3,824
Makefile.in	7/30/2007 12:37	20,009
oddlsp.png	7/30/2007 12:37	2,142
oggstream.html	7/30/2007 12:37	8,860
programming.html	7/30/2007 12:37	19,371
residue-pack.png	7/30/2007 12:37	35,958
residue2.png	7/30/2007 12:37	21,388
squarepolar.png	7/30/2007 12:37	8,406

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stereo.html	7/30/2007 12:37	16,975
stream.png	7/30/2007 12:37	2,254
v-comment.html	7/30/2007 12:37	9,396
vorbis-clip.txt	7/30/2007 12:37	7,021
vorbis-errors.txt	7/30/2007 12:37	2,730
vorbis-fidelity.html	7/30/2007 12:37	6,846
vorbis.html	7/30/2007 12:37	8,455
vorbisword2.png	7/30/2007 12:37	1,394
Vorbis_I_spec.html	7/30/2007 12:37	169,910
Vorbis_I_spec.pdf	7/30/2007 12:37	356,787
wait.png	7/30/2007 12:37	455
white-ogg.png	7/30/2007 12:37	1,422
white-xifish.png	7/30/2007 12:37	965
window1.png	7/30/2007 12:37	1,958
window2.png	7/30/2007 12:37	1,882
xifish.pdf	7/30/2007 12:37	1,876
F:\patent\player\3rdparty\libvorbis- 1.1.2\doc\vorbisenc		
index.html	7/30/2007 12:37	1,309
Makefile.am	7/30/2007 12:37	300
Makefile.in	7/30/2007 12:37	10,646
overview.html	7/30/2007 12:37	15,851
reference.html	7/30/2007 12:37	1,538
style.css	7/30/2007 12:37	279
vorbis_encode_ctl.html	7/30/2007 12:37	5,676
vorbis_encode_init.html	7/30/2007 12:37	2,723
vorbis_encode_init_vbr.html	7/30/2007 12:37	2,331
vorbis_info.html	7/30/2007 12:37	2,459
F:\patent\player\3rdparty\libvorbis- 1.1.2\doc\vorbisfile		

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callbacks.html	7/30/2007 12:37	4,317
chainingexample.html	7/30/2007 12:37	4,970
chaining_example_c.html	7/30/2007 12:37	2,855
crosslap.html	7/30/2007 12:37	5,361
datastructures.html	7/30/2007 12:37	2,409
decoding.html	7/30/2007 12:37	2,851
example.html	7/30/2007 12:37	5,230
exampleindex.html	7/30/2007 12:37	1,106
fileinfo.html	7/30/2007 12:37	3,618
index.html	7/30/2007 12:37	1,414
initialization.html	7/30/2007 12:37	4,035
Makefile.am	7/30/2007 12:37	1,225
Makefile.in	7/30/2007 12:37	11,574
OggVorbis_File.html	7/30/2007 12:37	4,070
overview.html	7/30/2007 12:37	1,757
ov_bitrate.html	7/30/2007 12:37	2,512
ov_bitrate_instant.html	7/30/2007 12:37	1,763
ov_callbacks.html	7/30/2007 12:37	2,495
ov_clear.html	7/30/2007 12:37	1,817
ov_comment.html	7/30/2007 12:37	1,880
ov_crosslap.html	7/30/2007 12:37	3,397
ov_info.html	7/30/2007 12:37	1,948
ov_open.html	7/30/2007 12:37	4,592
ov_open_callbacks.html	7/30/2007 12:37	4,478
ov_pcm_seek.html	7/30/2007 12:37	2,204
ov_pcm_seek_lap.html	7/30/2007 12:37	3,311
ov_pcm_seek_page.html	7/30/2007 12:37	2,494
ov_pcm_seek_page_lap.html	7/30/2007 12:37	3,644
ov_pcm_tell.html	7/30/2007 12:37	1,467
ov_pcm_total.html	7/30/2007 12:37	1,794

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ov_raw_seek.html	7/30/2007 12:37	2,282
ov_raw_seek_lap.html	7/30/2007 12:37	3,432
ov_raw_tell.html	7/30/2007 12:37	1,812
ov_raw_total.html	7/30/2007 12:37	1,827
ov_read.html	7/30/2007 12:37	4,197
ov_read_float.html	7/30/2007 12:37	2,844
ov_seekable.html	7/30/2007 12:37	1,415
ov_serialnumber.html	7/30/2007 12:37	1,807
ov_streams.html	7/30/2007 12:37	1,456
ov_test.html	7/30/2007 12:37	2,834
ov_test_callbacks.html	7/30/2007 12:37	3,171
ov_test_open.html	7/30/2007 12:37	1,929
ov_time_seek.html	7/30/2007 12:37	2,254
ov_time_seek_lap.html	7/30/2007 12:37	3,307
ov_time_seek_page.html	7/30/2007 12:37	2,459
ov_time_seek_page_lap.html	7/30/2007 12:37	3,675
ov_time_tell.html	7/30/2007 12:37	1,488
ov_time_total.html	7/30/2007 12:37	1,808
reference.html	7/30/2007 12:37	2,873
return.html	7/30/2007 12:37	2,144
seekexample.html	7/30/2007 12:37	3,764
seeking.html	7/30/2007 12:37	4,743
seekingexample.html	7/30/2007 12:37	5,196
seeking_example_c.html	7/30/2007 12:37	1,900
seeking_test_c.html	7/30/2007 12:37	1,900
style.css	7/30/2007 12:37	279
threads.html	7/30/2007 12:37	1,552
vorbisfile_example_c.html	7/30/2007 12:37	2,421
vorbis_comment.html	7/30/2007 12:37	2,170
vorbis_info.html	7/30/2007 12:37	2,398

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F:\patent\player\3rdparty\libvorbis-1.1.2\doc\xml		
01-introduction.xml	7/30/2007 12:37	26,444
02-bitpacking.xml	7/30/2007 12:37	9,213
03-codebook.xml	7/30/2007 12:37	15,533
04-codec.xml	7/30/2007 12:37	35,386
05-comment.xml	7/30/2007 12:37	10,082
06-floor0.xml	7/30/2007 12:37	10,690
07-floor1.xml	7/30/2007 12:37	16,099
08-residue.xml	7/30/2007 12:37	17,294
09-helper.xml	7/30/2007 12:37	5,770
10-tables.xml	7/30/2007 12:37	4,666
a1-encapsulation_ogg.xml	7/30/2007 12:37	7,040
a2-encapsulation_rtp.xml	7/30/2007 12:37	1,039
footer.xml	7/30/2007 12:37	1,950
spec-common.xsl	7/30/2007 12:37	916
spec-fo.xsl	7/30/2007 12:37	660
spec-html.xsl	7/30/2007 12:37	258
Vorbis_1_spec.xml	7/30/2007 12:37	1,486
F:\patent\player\3rdparty\libvorbis-1.1.2\examples		
chaining_example.c	7/30/2007 12:37	2,730
decoder_example.c	7/30/2007 12:37	10,188
encoder_example.c	7/30/2007 12:37	8,615
Makefile.am	7/30/2007 12:37	945
Makefile.in	7/30/2007 12:37	17,078
seeking_example.c	7/30/2007 12:37	5,687
vorbisfile_example.c	7/30/2007 12:37	2,968
F:\patent\player\3rdparty\libvorbis-1.1.2\include		
Makefile.am	7/30/2007 12:37	76
Makefile.in	7/30/2007 12:37	14,764
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1.1.2\include\vorbis		
codec.h	7/30/2007 12:37	8,044
Makefile.am	7/30/2007 12:37	151
Makefile.in	7/30/2007 12:37	12,222
vorbisenc.h	7/30/2007 12:37	3,008
vorbisfile.h	7/30/2007 12:37	5,430
F:\patent\player\3rdparty\libvorbis-1.1.2\lib		
analysis.c	7/30/2007 12:37	3,127
backends.h	7/30/2007 12:37	5,029
barkmel.c	7/30/2007 12:37	2,405
bitrate.c	7/30/2007 12:37	8,396
bitrate.h	7/30/2007 12:37	2,026
block.c	7/30/2007 12:37	27,720
codebook.c	7/30/2007 12:37	16,474
codebook.h	7/30/2007 12:37	5,993
codec_internal.h	7/30/2007 12:37	4,570
envelope.c	7/30/2007 12:37	10,437
envelope.h	7/30/2007 12:37	2,181
floor0.c	7/30/2007 12:37	6,645
floor1.c	7/30/2007 12:37	28,609
highlevel.h	7/30/2007 12:37	1,849
info.c	7/30/2007 12:37	17,190
lookup.c	7/30/2007 12:37	3,292
lookup.h	7/30/2007 12:37	1,313
lookups.pl	7/30/2007 12:37	3,981
lookup_data.h	7/30/2007 12:37	9,152
lpc.c	7/30/2007 12:37	4,297
lpc.h	7/30/2007 12:37	1,213
lsp.c	7/30/2007 12:37	12,343
lsp.h	7/30/2007 12:37	1,188

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Makefile.am	7/30/2007 12:37	1,434
Makefile.in	7/30/2007 12:37	24,020
mapping0.c	7/30/2007 12:37	27,593
masking.h	7/30/2007 12:37	40,214
mdct.c	7/30/2007 12:37	14,682
mdct.h	7/30/2007 12:37	2,029
misc.h	7/30/2007 12:37	1,816
os.h	7/30/2007 12:37	3,858
psy.c	7/30/2007 12:37	32,544
psy.h	7/30/2007 12:37	4,999
psytune.c	7/30/2007 12:37	14,015
registry.c	7/30/2007 12:37	1,765
registry.h	7/30/2007 12:37	1,275
res0.c	7/30/2007 12:37	23,425
scales.h	7/30/2007 12:37	2,707
sharedbook.c	7/30/2007 12:37	19,722
smallft.c	7/30/2007 12:37	22,207
smallft.h	7/30/2007 12:37	1,281
synthesis.c	7/30/2007 12:37	4,918
tone.c	7/30/2007 12:37	985
vorbisenc.c	7/30/2007 12:37	33,170
vorbisfile.c	7/30/2007 12:37	57,589
window.c	7/30/2007 12:37	130,660
window.h	7/30/2007 12:37	1,142
F:\patent\player\3rdparty\libvorbis-1.1.2\lib\books		
Makefile.am	7/30/2007 12:37	93
Makefile.in	7/30/2007 12:37	14,790
F:\patent\player\3rdparty\libvorbis-1.1.2\lib\books\coupled		
Makefile.am	7/30/2007 12:37	91
Makefile.in	7/30/2007 12:37	9,391

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res_books_stereo.h	7/30/2007 12:37	639,246
F:\patent\player\3rdparty\libvorbis-1.1.2\lib\books\floor		
floor_books.h	7/30/2007 12:37	43,099
Makefile.am	7/30/2007 12:37	86
Makefile.in	7/30/2007 12:37	9,380
F:\patent\player\3rdparty\libvorbis-1.1.2\lib\books\uncoupled		
Makefile.am	7/30/2007 12:37	94
Makefile.in	7/30/2007 12:37	9,400
res_books_uncoupled.h	7/30/2007 12:37	269,189
F:\patent\player\3rdparty\libvorbis-1.1.2\lib\modes		
floor_all.h	7/30/2007 12:37	7,165
Makefile.am	7/30/2007 12:37	290
Makefile.in	7/30/2007 12:37	9,564
psych_11.h	7/30/2007 12:37	2,356
psych_16.h	7/30/2007 12:37	6,211
psych_44.h	7/30/2007 12:37	34,052
psych_8.h	7/30/2007 12:37	4,043
residue_16.h	7/30/2007 12:37	4,826
residue_44.h	7/30/2007 12:37	9,883
residue_44u.h	7/30/2007 12:37	9,034
residue_8.h	7/30/2007 12:37	3,164
setup_11.h	7/30/2007 12:37	2,714
setup_16.h	7/30/2007 12:37	3,234
setup_22.h	7/30/2007 12:37	2,856
setup_32.h	7/30/2007 12:37	3,100
setup_44.h	7/30/2007 12:37	2,842
setup_44u.h	7/30/2007 12:37	2,030
setup_8.h	7/30/2007 12:37	2,815
setup_X.h	7/30/2007 12:37	4,287

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F:\patent\player\3rdparty\libvorbis-1.1.2\macos		
decoder_example.mcp	7/30/2007 12:37	101,395
encoder_example.mcp	7/30/2007 12:37	104,822
libvorbis.mcp	7/30/2007 12:37	112,488
libvorbis.mcp.exp	7/30/2007 12:37	900
libvorbisenc.mcp	7/30/2007 12:37	117,591
libvorbisenc.mcp.exp	7/30/2007 12:37	168
libvorbisfile.mcp	7/30/2007 12:37	113,821
libvorbisfile.mcp.exp	7/30/2007 12:37	503
vorbis.mcp	7/30/2007 12:37	87,525
F:\patent\player\3rdparty\libvorbis-1.1.2\macos\compat		
strdup.c	7/30/2007 12:37	305
F:\patent\player\3rdparty\libvorbis-1.1.2\macos\compat\sys		
types.h	7/30/2007 12:37	422
F:\patent\player\3rdparty\libvorbis-1.1.2\macosx		
Info.plist	7/30/2007 12:37	1,003
F:\patent\player\3rdparty\libvorbis-1.1.2\macosx\English.lproj		
InfoPlist.strings	7/30/2007 12:37	142
F:\patent\player\3rdparty\libvorbis-1.1.2\macosx\Vorbis.xcodeproj		
project.pbxproj	7/30/2007 12:37	37,449
F:\patent\player\3rdparty\libvorbis-1.1.2\vq		
auxpartition.pl	7/30/2007 12:37	1,122
bookutil.c	7/30/2007 12:37	19,186
bookutil.h	7/30/2007 12:37	1,818
distribution.c	7/30/2007 12:37	6,000
huffbuild.c	7/30/2007 12:37	4,860
latticebuild.c	7/30/2007 12:37	5,138
latticehint.c	7/30/2007 12:37	13,307
latticepare.c	7/30/2007 12:37	16,952
latticetune.c	7/30/2007 12:37	4,214

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Makefile.am	7/30/2007 12:37	886
Makefile.in	7/30/2007 12:37	17,339
residue_entropy	7/30/2007 12:37	1,196
vqgen.c	7/30/2007 12:37	15,396
vqgen.h	7/30/2007 12:37	2,392
vqsplit.c	7/30/2007 12:37	18,063
F:\patent\player\3rdparty\libvorbis-1.1.2\win32		
build_vorbisenc_dynamic.bat	7/30/2007 12:37	613
build_vorbisenc_dynamic_debug.bat	7/30/2007 12:37	607
build_vorbisenc_static.bat	7/30/2007 12:37	598
build_vorbisenc_static_debug.bat	7/30/2007 12:37	592
build_vorbisfile_dynamic.bat	7/30/2007 12:37	616
build_vorbisfile_dynamic_debug.bat	7/30/2007 12:37	610
build_vorbisfile_static.bat	7/30/2007 12:37	601
build_vorbisfile_static_debug.bat	7/30/2007 12:37	595
build_vorbis_dynamic.bat	7/30/2007 12:37	565
build_vorbis_dynamic_debug.bat	7/30/2007 12:37	561
build_vorbis_static.bat	7/30/2007 12:37	550
build_vorbis_static_debug.bat	7/30/2007 12:37	546
vorbis.def	7/30/2007 12:37	1,054
vorbis.dsw	7/30/2007 12:37	1,966
vorbisenc.def	7/30/2007 12:37	217
vorbisenc_dynamic.dsp	7/30/2007 12:37	5,079
vorbisenc_static.dsp	7/30/2007 12:37	3,254
vorbisfile.def	7/30/2007 12:37	576
vorbisfile_dynamic.dsp	7/30/2007 12:37	5,020
vorbisfile_static.dsp	7/30/2007 12:37	3,297
vorbis_dynamic.dsp	7/30/2007 12:37	7,594
vorbis_static.dsp	7/30/2007 12:37	5,832
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1.1.2\win32\VS2003		
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libvorbis.vcproj	7/30/2007 12:37	12,321
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libvorbisfile.def	7/30/2007 12:37	516
libvorbisfile.vcproj	7/30/2007 12:37	4,024
F:\patent\player\3rdparty\libvorbis-1.1.2\win32\VS2003\vorbisdec		
vorbisdec.vcproj	7/30/2007 12:37	7,352
F:\patent\player\3rdparty\libvorbis-1.1.2\win32\VS2003\vorbisenc		
vorbisenc.vcproj	7/30/2007 12:37	7,346
F:\patent\player\3rdparty\on2Vp6_7SDK		
on2plugin7test.cpp	7/30/2007 12:36	63,352
on2plugin7test.dsp	7/30/2007 12:36	4,631
on2plugin7test.plg	7/30/2007 12:36	1,388
on2plugin7test.sln	7/30/2007 12:36	896
on2plugin7test.vcproj	7/30/2007 12:36	4,730
on2plugin7test_2005.sln	7/30/2007 12:36	892
on2plugin7test_2005.vcproj	7/30/2007 12:36	5,802
on2vp7sdk.dsw	7/30/2007 12:36	551
readme.txt	7/30/2007 12:36	3,287
F:\patent\player\3rdparty\on2Vp6_7SDK\bin		
callwaiting.bmp	7/30/2007 12:36	11,574
comp.avi	7/30/2007 12:36	465,920
decomp.avi	7/30/2007 12:36	1,427,968
f22reset.bmp	7/30/2007 12:36	230,454
jim.avi	7/30/2007 12:36	10,718,208
jimcraw.avi	7/30/2007 12:36	21,431,808
test.bmp	7/30/2007 12:36	230,454
tmnplay.exe	7/30/2007 12:36	49,152
_bnd.yuv	7/30/2007 12:36	5,875,200

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_jim.yv12	7/30/2007 12:36	10,252,800
F:\patent\player\3rdparty\on2Vp6_7SDK\debug		
F:\patent\player\3rdparty\on2Vp6_7SDK\Docs		
On2VP7Plugin	7/30/2007 12:36	529,525
On2_VP6_SDK.pdf	7/30/2007 12:36	351,756
F:\patent\player\3rdparty\on2Vp6_7SDK\include		
CompOptions.hpp	7/30/2007 12:36	5,539
on2plugmsgs.h	7/30/2007 12:36	1,239
on2vfw.h	7/30/2007 12:36	14,141
on2vpplugin.h	7/30/2007 12:36	15,313
on2windows.h	7/30/2007 12:36	5,329
F:\patent\player\3rdparty\on2Vp6_7SDK\lib		
on2vpplugin6_7.lib	7/30/2007 12:36	1,187,894
on2vpplugin6_7_2005.lib	7/30/2007 12:36	1,165,226
vp7dec_s.lib	7/30/2007 12:36	77,640
vp7dec_sd.lib	7/30/2007 12:36	85,252
F:\patent\player\3rdparty\on2Vp6_7SDK\release		
F:\patent\player\engine		
Allocator.cpp	7/30/2007 12:36	3,085
Allocator.h	7/30/2007 12:36	2,490
AudioRenderer.h	7/30/2007 12:36	335
AVIDemuxer.cpp	7/30/2007 12:36	6,785
AVIDemuxer.h	7/30/2007 12:36	5,843
base.h	7/30/2007 12:36	764
Buffer.h	7/30/2007 12:36	2,117
BufferQueue.cpp	7/30/2007 12:36	890
BufferQueue.h	7/30/2007 12:36	1,201
Clock.cpp	7/30/2007 12:36	2,067
Clock.h	7/30/2007 12:36	885
Context.cpp	7/30/2007 12:36	256

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Context.h	7/30/2007 12:36	1,292
Debug.cpp	7/30/2007 12:36	463
Debug.h	7/30/2007 12:36	316
DXSoundRenderer.cpp	7/30/2007 12:36	9,685
DXSoundRenderer.h	7/30/2007 12:36	1,071
engine.h	7/30/2007 12:36	411
Event.h	7/30/2007 12:36	448
exceptions.h	7/30/2007 12:36	1,388
FileOutput.cpp	7/30/2007 12:36	681
FileOutput.h	7/30/2007 12:36	552
FileSource.cpp	7/30/2007 12:36	1,172
FileSource.h	7/30/2007 12:36	669
Filter.cpp	7/30/2007 12:36	1,925
Filter.h	7/30/2007 12:36	4,153
filters.h	7/30/2007 12:36	552
Framer.cpp	7/30/2007 12:36	1,259
Framer.h	7/30/2007 12:36	470
GDIRenderer.cpp	7/30/2007 12:36	7,652
GDIRenderer.h	7/30/2007 12:36	3,084
GraphWindow.cpp	7/30/2007 12:36	3,252
GraphWindow.h	7/30/2007 12:36	1,032
HttpSource.cpp	7/30/2007 12:36	1,974
HttpSource.h	7/30/2007 12:36	660
JitrSource.cpp	7/30/2007 12:36	1,502
JitrSource.h	7/30/2007 12:36	441
Lock.h	7/30/2007 12:36	686
Log.cpp	7/30/2007 12:36	4,139
Log.h	7/30/2007 12:36	2,380
Object.h	7/30/2007 12:36	656
OggDecoder.cpp	7/30/2007 12:36	3,205

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OggDecoder.h	7/30/2007 12:36	1,122
Player.cpp	7/30/2007 12:36	9,142
Player.h	7/30/2007 12:36	1,388
PullBuffer.cpp	7/30/2007 12:36	2,177
PullBuffer.h	7/30/2007 12:36	835
Pump.cpp	7/30/2007 12:36	298
Pump.h	7/30/2007 12:36	377
PushBuffer.cpp	7/30/2007 12:36	1,233
PushBuffer.h	7/30/2007 12:36	455
Renderer.h	7/30/2007 12:36	280
Semaphore.h	7/30/2007 12:36	463
Stat.cpp	7/30/2007 12:36	1,462
Stat.h	7/30/2007 12:36	1,751
stdafx.cpp	7/30/2007 12:36	260
stdafx.h	7/30/2007 12:36	886
SubBuffer.h	7/30/2007 12:36	948
Thread.cpp	7/30/2007 12:36	3,116
Thread.h	7/30/2007 12:36	1,402
Time.cpp	7/30/2007 12:36	386
Time.h	7/30/2007 12:36	205
Timer.h	7/30/2007 12:36	518
types.h	7/30/2007 12:36	731
VideoRenderer.h	7/30/2007 12:36	602
VP7Decoder.cpp	7/30/2007 12:36	2,973
VP7Decoder.h	7/30/2007 12:36	945
Waitable.h	7/30/2007 12:36	605
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player.sln	7/30/2007 12:36	4,089
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JitrPlayer.inf	7/30/2007 12:36	220
JitrPlayer.js	7/30/2007 12:36	833
JitrPlayer.rc	7/30/2007 12:36	2,879
JitrPlayer.rgs	7/30/2007 12:36	127
JitrPlayer.vcproj	7/30/2007 12:36	6,279
JitrPlayerCtrl.bmp	7/30/2007 12:36	246
JitrPlayerCtrl.cpp	7/30/2007 12:36	2,412
JitrPlayerCtrl.h	7/30/2007 12:36	5,980
JitrPlayerCtrl.htm	7/30/2007 12:36	875
JitrPlayerps.def	7/30/2007 12:36	205
JitrPlayerPS.vcproj	7/30/2007 12:36	4,077
package.bat	7/30/2007 12:36	533
resource.h	7/30/2007 12:36	543
stdafx.cpp	7/30/2007 12:36	207
stdafx.h	7/30/2007 12:36	1,514
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mycredentials.spc	7/30/2007 12:36	6,784
signtool.exe	7/30/2007 12:36	327,360
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F:\patent\player\win32\ogg		
ogg.vcproj	7/30/2007 12:36	4,255
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Resource.h	7/30/2007 12:36	1,271
small.ico	7/30/2007 12:36	23,558

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standalone.cpp	7/30/2007 12:36	7,335
standalone.h	7/30/2007 12:36	39
standalone.ico	7/30/2007 12:36	23,558
standalone.rc	7/30/2007 12:36	3,117
standalone.vcproj	7/30/2007 12:36	4,424
stdafx.cpp	7/30/2007 12:36	208
stdafx.h	7/30/2007 12:36	1,400
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buildinfo.exe	7/30/2007 12:36	13,824
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vorbis.vcproj	7/30/2007 12:36	7,512
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F:\patent\qa\cc		
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build-httpdz.xml	7/30/2007 12:37	4,793
build-iacd.xml	7/30/2007 12:37	1,428
build-install.xml	7/30/2007 12:37	1,371
build-jittrm.xml	7/30/2007 12:37	1,600
build-player.xml	7/30/2007 12:37	1,620
BuildCCTree.py	7/30/2007 12:37	1,256
config.xml	7/30/2007 12:37	16,325
RunCruiseControl.bat	7/30/2007 12:37	653
StartServer.py	7/30/2007 12:37	2,773
UpdateAdserver.py	7/30/2007 12:37	2,166
UpdateInstaller.py	7/30/2007 12:37	11,469
UpdatePlayer.py	7/30/2007 12:37	4,016
util.py	7/30/2007 12:37	1,134
UtilityServer.py	7/30/2007 12:37	291
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commons-lang-2.0.jar	7/30/2007 12:37	169,763

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jsch-0.1.32.jar	7/30/2007 12:37	171,658
svnant.jar	7/30/2007 12:37	44,028
svnClientAdapter.jar	7/30/2007 12:37	175,111
svnjavahl.jar	7/30/2007 12:37	42,210
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ServerBuilt.py	7/30/2007 12:37	1,122
StartServer.py	7/30/2007 12:37	2,765
UpdateHttpdz.py	7/30/2007 12:37	3,012
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makensis.exe	7/30/2007 12:37	471,552
signtool.exe	7/30/2007 12:37	327,360
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stress_httpdz.py	7/30/2007 12:37	5,397
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startnodes.py	7/30/2007 12:37	1,107
wget.py	7/30/2007 12:37	440
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nightly.py	7/30/2007 12:37	7,708
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iacd_test_plan.txt	7/30/2007 12:37	2,743
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mail.py	7/30/2007 12:37	1,056
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runtests.py	7/30/2007 12:37	3,659
testcase.py	7/30/2007 12:37	673
testrun.py	7/30/2007 12:37	1,950
utils.py	7/30/2007 12:37	1,109
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nodes.dat	7/30/2007 12:37	896
pubKeyFile.txt	7/30/2007 12:37	320
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expthand.exe	7/30/2007 12:37	51,200
pskill.exe	7/30/2007 12:37	187,184
F:\patent\statsd		
iacd_stats_db_schema.xml	7/30/2007 12:37	25,668
F:\patent\statsd\docs		
F:\patent\statsd\src		

What is Claimed is:

1. A method comprising:

receiving a video request message from a user;

identifying a location of the user;

5 identifying a location of one or more overlay nodes nearest to the user;

generating network organization information; and

publishing the network organization information to at least the user.

2. The method of claim 1, further comprising determining whether the received video request message is a first video request message.

10 3. The method of claim 2, further comprising installing a service module on the user if the received video request message is the first video request message.

4. The method of claim 1, wherein the network organization information includes at least one of network topology information and network routing information.

15 5. The method of claim 1, further comprising streaming a first portion of the requested video data to the user for viewing by the user.

6. The method of claim 5, further comprising performing a subsection algorithm on the requested video data to separate the video data into a plurality of subsection portions so that one or more remaining subsection portions of the video data are streamed to the user from one or more overlay nodes.

20 7. The method of claim 6, wherein the subsection portions of the video are streamed to the user in optimal order so that the video is viewed by the user in an uninterrupted manner, and wherein the optimal order is based on at least one of an available bandwidth of the user, download speed capability of the user, and available bitrate range of the user.

25 8. The method of claim 1, further comprising:
generating a list of overlay nodes in the network that are nearest to the user; and
providing the generated list to the user.

9. The method of claim 1, wherein generating network organization information comprises generating topology information of the network including the location of the one or more other nodes in the network in relation to the user.

10. The method of claim 1, wherein generating network organization information
5 comprises:

identifying routing information of the network including routes between the one or more other nodes in the network and the user; and

optimizing the routing information to find the shortest path between the one or more other nodes of the network and the user.

10 11. The method of claim 1, further comprising identifying an overload condition of resource contention between the one or more other nodes in the network.

12. The method of claim 1, further comprising identifying a location of one or more network servers in the network nearest to the user.

13. A system comprising:

15 means for receiving a video request message from a user;

means for identifying a location of the user;

means for identifying a location of one or more overlay nodes nearest to the user;

means for generating network topology information; and

means for publishing the network topology information to at least the user.

20 14. Logic encoded in one or more tangible media for execution and when executed operable to:

receive a video request message from a user;

identify a location of the user;

identify a location of one or more overlay nodes nearest to the user;

25 generate network topology information; and

publish the network topology information to at least the user.

15. A method comprising:

receiving a video request from a user;

streaming the video to the user;

identifying one or more interests of the user;
obtaining an advertisement related to the one or more interests of the user;
interrupting the video stream at an interrupt point to stream the advertisement to the
user; and
5 continuing streaming of the video to the user.

16. The method of claim 1, further comprising recommending an advertisement for
the user based on the one or more interests of the user.

17. The method of claim 1, wherein identifying one or more interests of the user
comprises reviewing data and information of the user related to at least one of browser
10 information, cookie information, installed program information and usage information.

18. The method of claim 1, further comprising separating the video into a plurality
of subsection portions so that the advertisement is streamed between subsection portions of
the video.

19. A system comprising:
15 means for receiving a video request from a user;
means for streaming the video to the user;
means for identifying one or more interests of the user;
means for obtaining an advertisement related to the one or more interests of the
user;
20 means for interrupting the video stream at an interrupt point to stream the
advertisement to the user; and
means for continue streaming the video to the user.

20. Logic encoded in one or more tangible media for execution and when executed
operable to:
25 receive a video request from a user;
stream the video to the user;
identify one or more interests of the user;
obtain an advertisement related to the one or more interests of the user;
interrupt the video stream at an interrupt point to stream the advertisement to the
30 user; and

continue streaming of the video to the user.

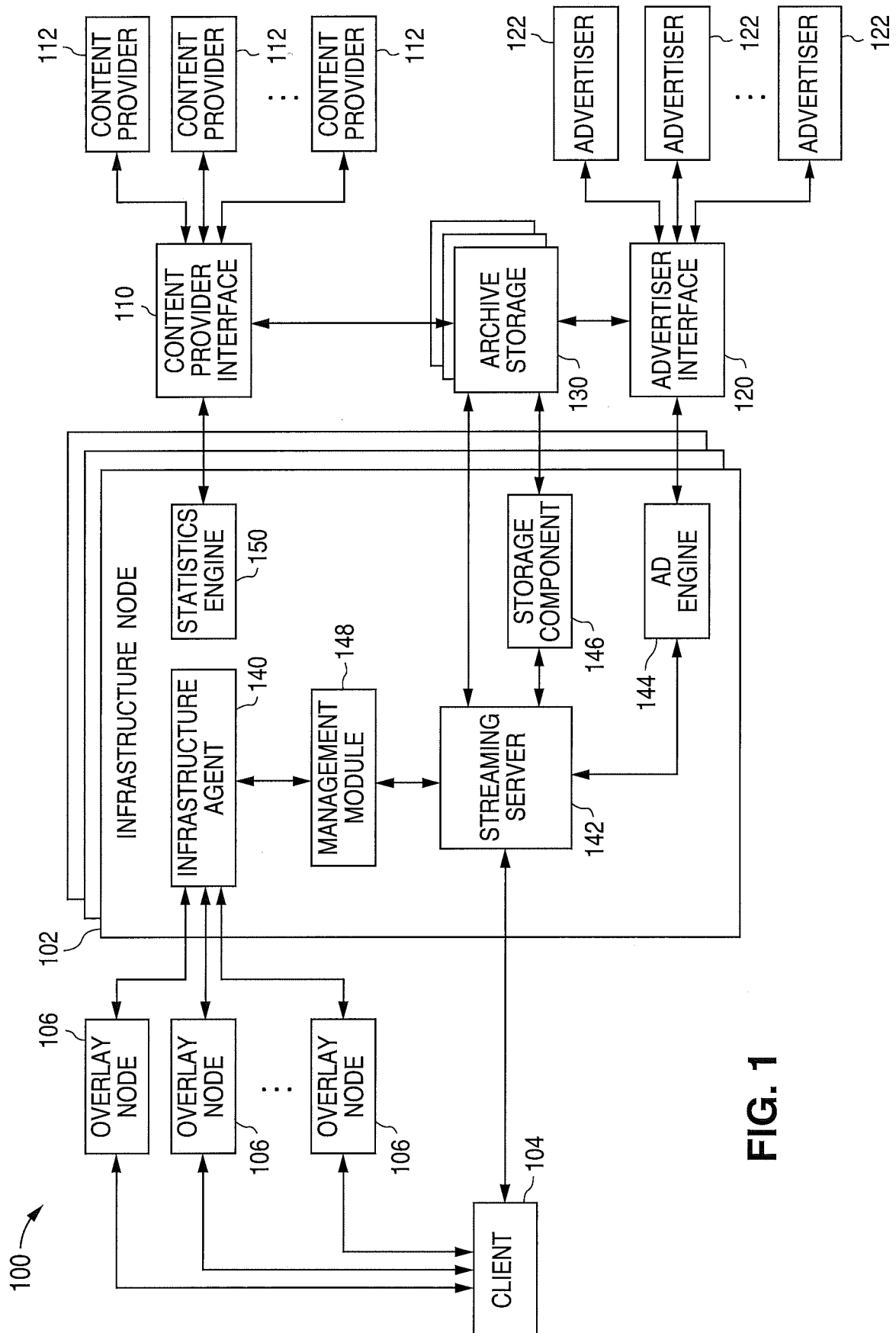
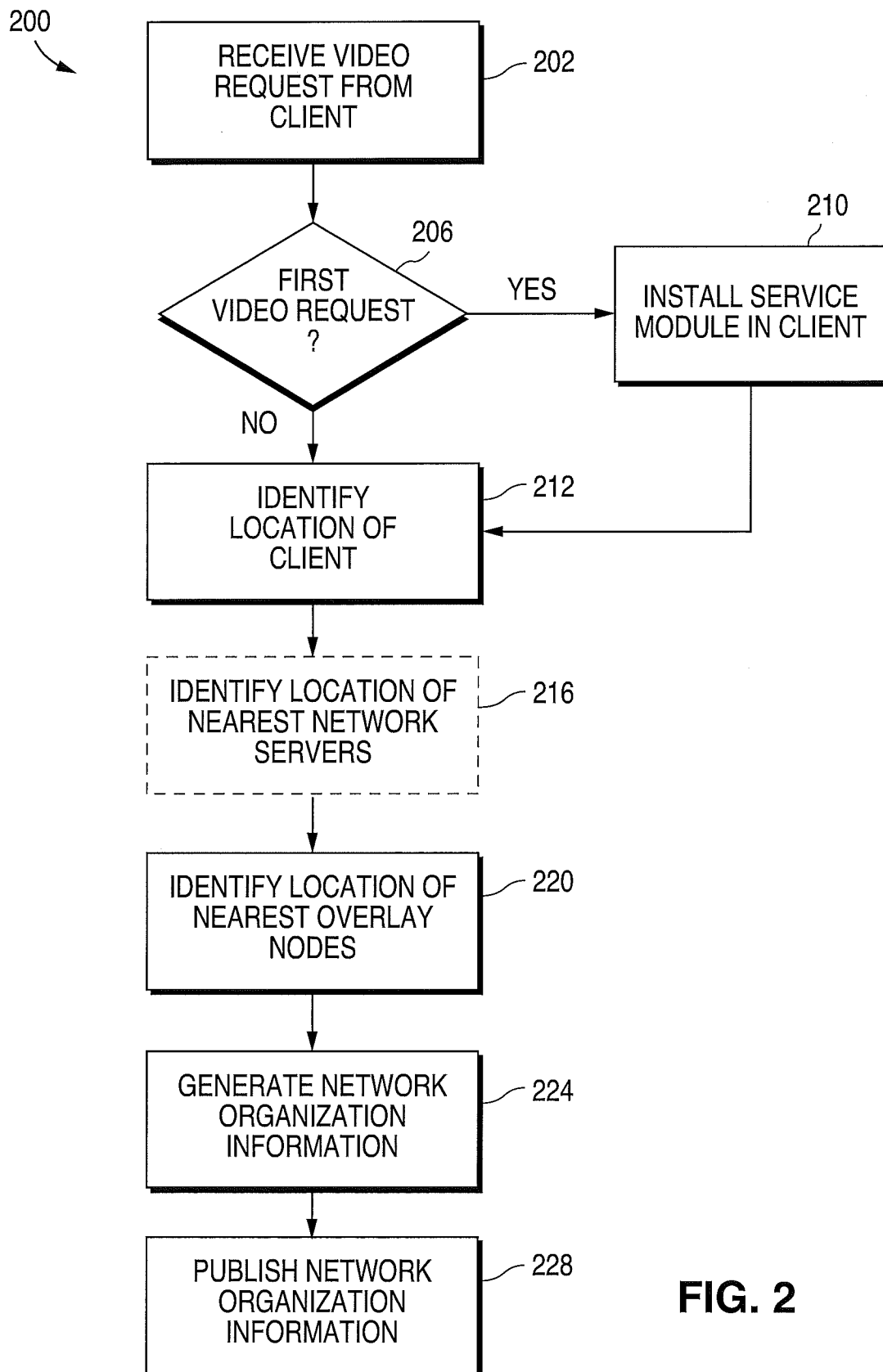
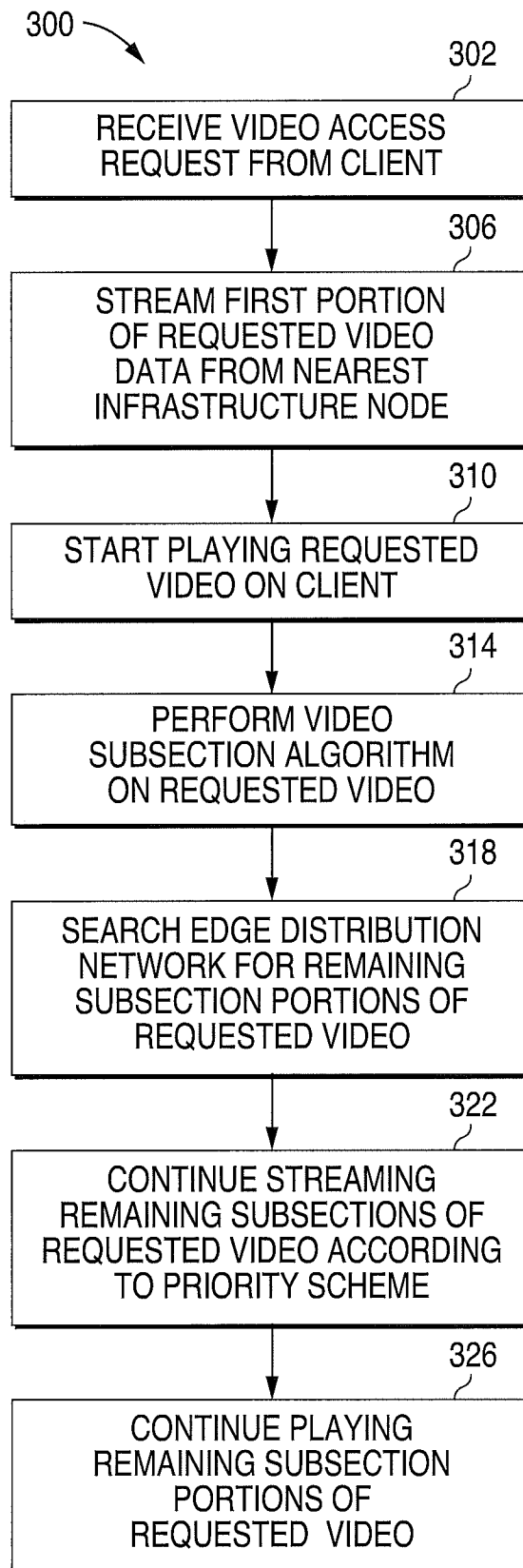


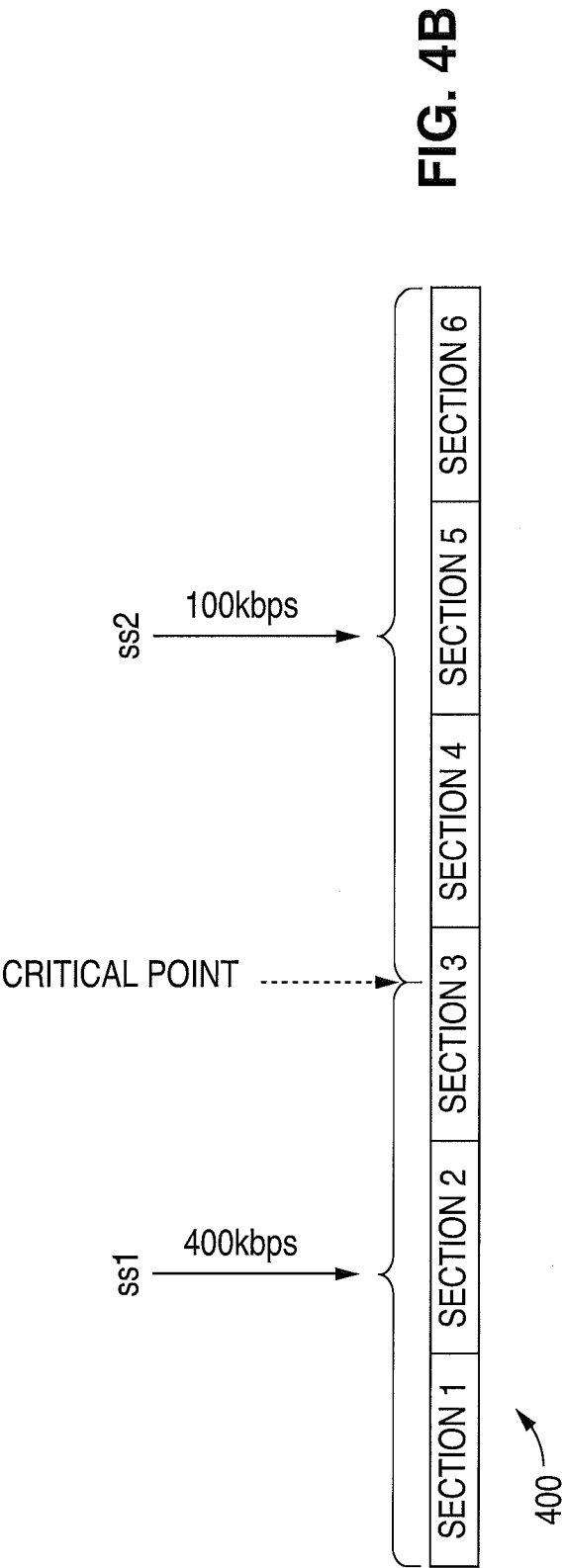
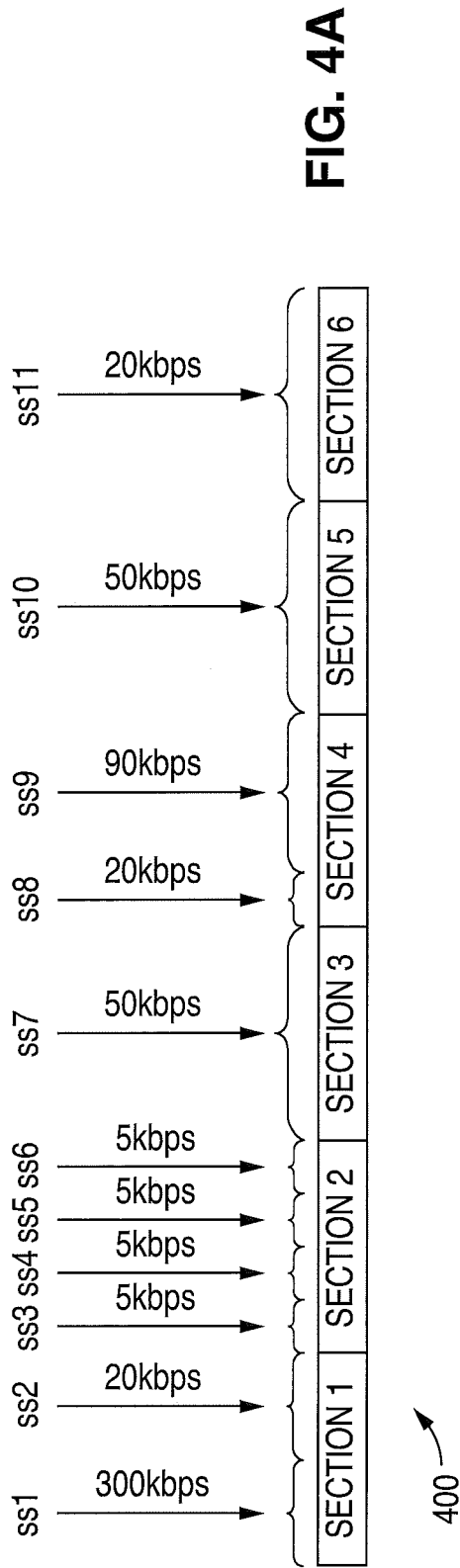
FIG. 1

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**FIG. 2**

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**FIG. 3**



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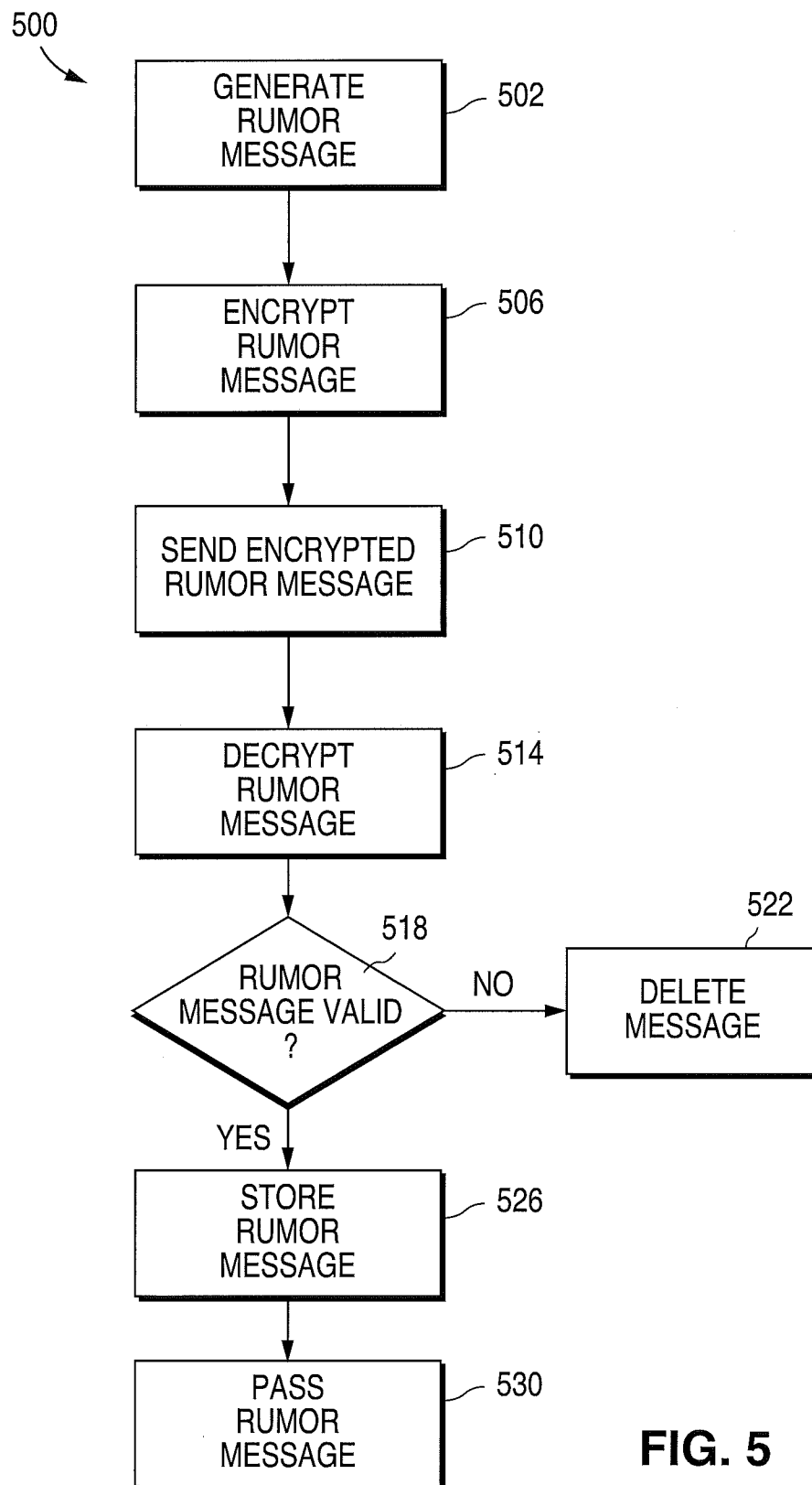


FIG. 5

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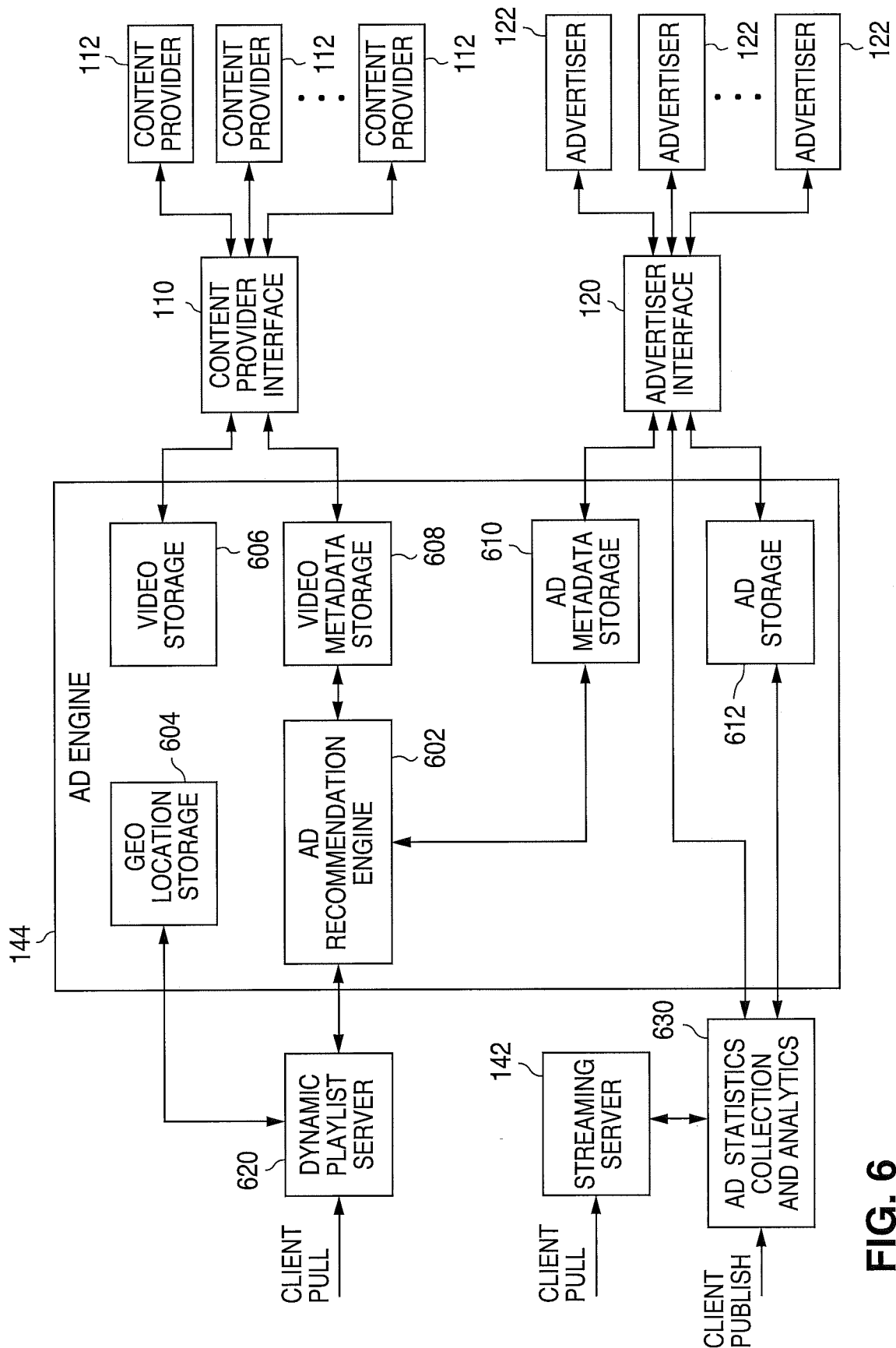
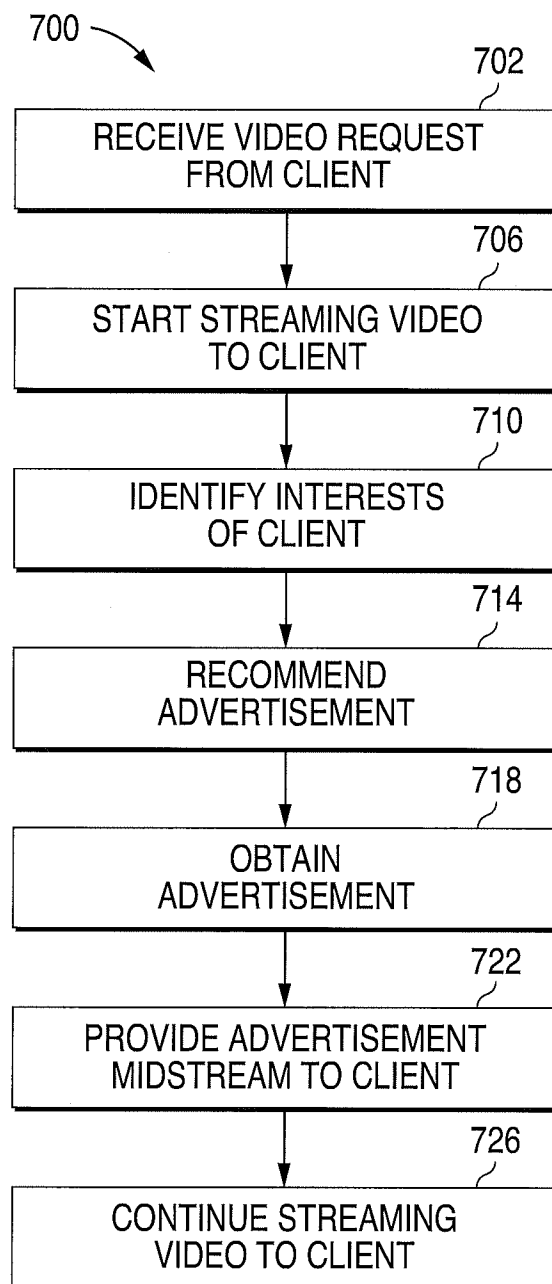


FIG. 6

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**FIG. 7**

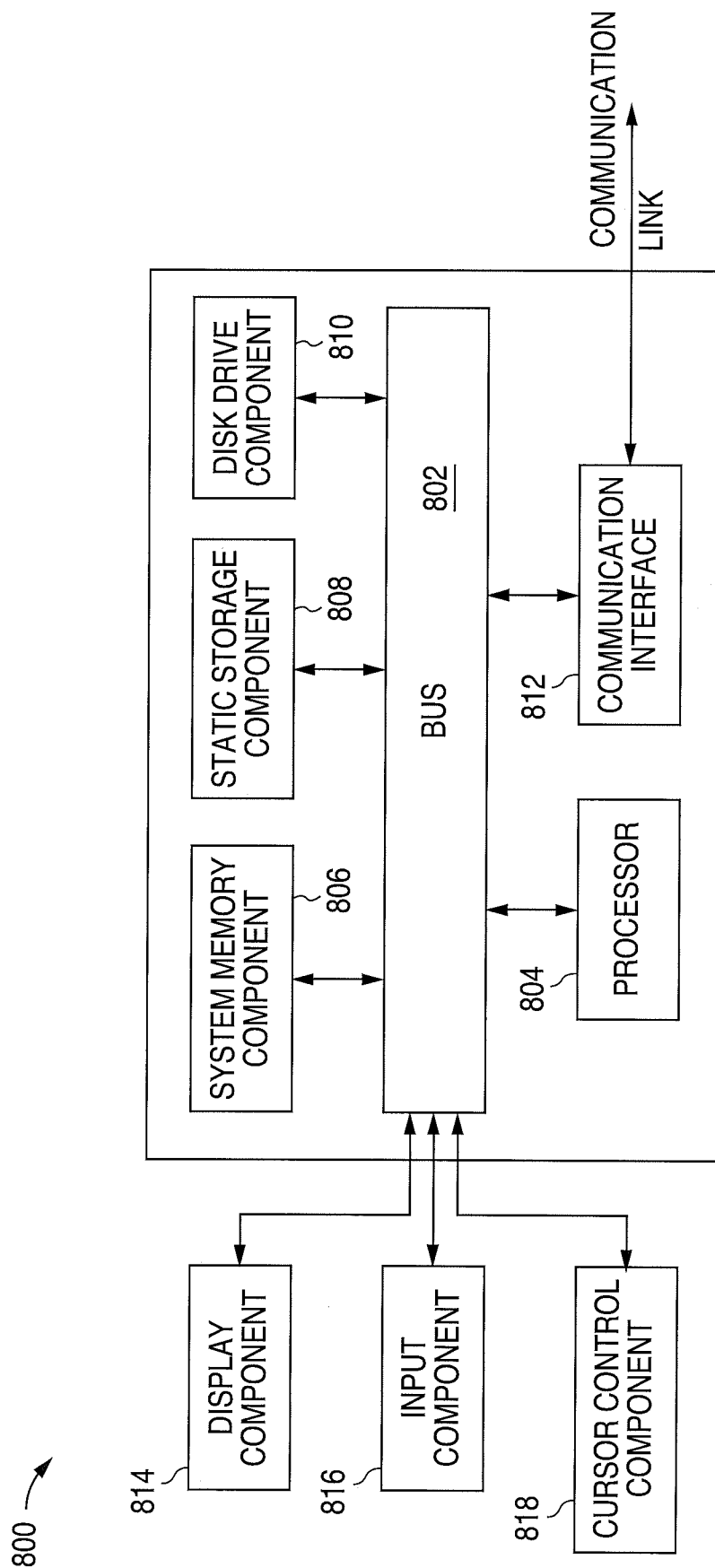


FIG. 8