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(54) Title: APPARATUS AND METHOD FOR STATEFUL WEB SERVICES ENABLEMENT

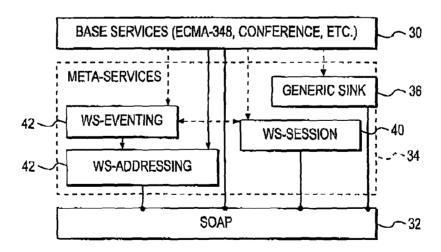


FIG. 4

(57) Abstract: A web services enablement system includes a computer adapted to send and receive information to and from a first service, to send and receive information to and from a second service, which may not be a web service, to manage a connection with a third, stateful, service and to send and receive information via the stateful service based on information received from the first service or the second service. Also a method of enabling two-way web services and stateful transactions that includes steps of providing an architecture of base services (30) and meta-services (34), defining a first base service comprising a core component and an extension component, combinin the first base service and a meta-service to create a first usable service, managing a relationship between the first usable service and a second service through dependency or binding or utility, and performing a stateful transaction using the first usable service.



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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

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C. DOCUMENTS CONSIDERED TO BE RELEVANT			
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Further documents are listed in the continuation of Box C.	X See patent family annex.		
* Special categories of cited documents: *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed	 "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family 		
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