(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 19 February 2009 (19.02.2009)

PCT

(10) International Publication Number WO 2009/021881 A3

- (51) International Patent Classification: *H04L 29/06* (2006.01) *G06F 21/00* (2006.01)
- (21) International Application Number:

PCT/EP2008/060289

- (22) International Filing Date: 5 August 2008 (05.08.2008)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:

07114359.8

15 August 2007 (15.08.2007) El

- (71) Applicant (for all designated States except US): INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, New York 10504 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): FRIEDMAN, Julian, Lawrence [GB/GB]; 37 The Dell, Milton Road, Southampton Hampshire SO15 2PF (GB). VERDON, Peter [GB/GB]; Begger's Roost, Farnham Road, Odiham Hampshire RG29 1AB (GB).
- (74) Agent: SEKAR, Anita; IBM United Kingdom Limited, Intellectual Property Law, Hursley Park, Winchester Hampshire SO21 2JN (GB).

- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

[Continued on next page]

(54) Title: TRACKING THE ORIGINS OF DATA AND CONTROLLING DATA TRANSMISSION

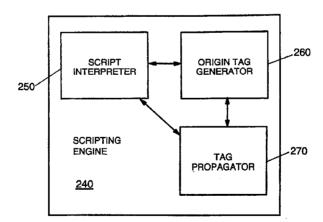


FIG. 3

(57) Abstract: Provided are methods, apparatus and computer programs for tracking the origins of data and controlling transmission of the data. In one embodiment, transmission of sensitive data by script operations is limited, to prevent transmission to any network location other than to the source of that sensitive data, by a new function within a scripting engine of an HTTP client that is responsive to origin tags placed within the data. Origin tags that are associated with data inputs are propagated to any output data items, so that transmission of derived information can also be controlled.





(88) Date of publication of the international search report:

INTERNATIONAL SEARCH REPORT

International application No PCT/EP2008/060289

A. CLASSIF INV. F	CATION OF SUBJECT MATTER G04L29/06 G06F21/00		
According to	International Patent Classification (IPC) or to both national classification	ion and IPC	
B. FIELDS 9			
	cumentation searched (classification system followed by classification	n symbols)	
	G06F		
Documentati	on searched other than minimum documentation to the extent that suc	ch documents are included in the fields se	arched
Electronic da	ata base consulted during the international search (name of data base	e and, where practical, search terms used)	
EPO-Int	ternal, WPI Data		
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant	Relevant to claim No.	
Х	David Flanagan: "Javascript: The Definitive Guide" 17 August 2006 (2006-08-17), O'Reilly Media, Inc , XP002517763 ISBN: 0-596-10199-6 paragraph [13.8.2]		1–18
X	US 2007/107057 A1 (CHANDER AJAY [I AL) 10 May 2007 (2007-05-10) abstract paragraph [0040] - paragraph [004	,	1-18
	Land Park No. of Park Co.	V Coo releast formily on nov	. 48 55
* Special of "A" docume consider "E" earlier filling of "L" docume which citatio "O" docume other "P" docume later the	ent defining the general state of the art which is not dered to be of particular relevance document but published on or after the international date ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another on or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or means sent published prior to the international filling date but	 "T" later document published after the interest or priority date and not in conflict with cited to understand the principle or the invention "X" document of particular relevance; the cannot be considered novel or cannot involve an inventive step when the decument of particular relevance; the cannot be considered to involve an indocument is combined with one or ments, such combination being obvious in the art. "&" document member of the same patent Date of mailing of the international sea 31/03/2009 	the application but eory underlying the claimed invention to be considered to comment is taken alone claimed invention eventive step when the ore other such docupus to a person skilled ifamily
Name and	mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Fax: (+31–70) 340–3016	Authorized officer Oliveira, Joel	

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No
PCT/EP2008/060289

cited in search report		date		member(s)	date .
US 2007107057	A1	10-05-2007	EP EP WO	1955249 A2 1962220 A1 2007058882 A2	13-08-2008 27-08-2008 24-05-2007