Title (en)

SYSTEM, METHOD AND PROGRAM FOR ORDERED ANTICIPATORY CACHING OF LINKED FILES IN A CLIENT/SERVER NETWORK

Title (de)

SYSTEM, VERFAHREN UND PROGRAMM ZUM SORTIERTEN, VORWEGNEHMENDEN CACHE-SPEICHERN VON VERKNÜPFTEN DATEIEN IN EINEM KLIENT/SERVER-NETZWERK

Title (fr)

SYSTEME, PROCEDE, ET PROGRAMME PERMETTANT DE CLASSER DES FICHIERS ASSOCIES DANS UNE ANTEMEMOIRE A LECTURE ANTICIPEE DE RESEAU CLIENT/SERVEUR

Publication

EP 1360589 A2 20031112 (EN)

Application

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Priority

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• US 52219900 A 20000309

Abstract (en)

[origin: WO0167250A2] In a system and method for transferring information using a client/server network, link popularity information characterising the popularity of files linked to a requested file may be transmitted from a server to a client. The popularity may include the relative likelihood of a user request for each of the linked files. The link popularity information may be used in selecting only the more popular linked files for anticipatory caching. The files corresponding to the links most likely to be selected by a user may be loaded into the cache memory of the server and/or downloaded to the client, in advance of any link selection by the user. Ordering of files for anticipatory caching based on their popularity may provide a high probability that the file corresponding to a selected link is already stored on a client computer at the time the link is selected. The time between selection of the link by a user and viewing of the corresponding file may therefore be shortened. Because the most popular linked files are cached first, and less popular files may not be selected for anticipatory caching at all, the time and resources needed to perform the caching may also be reduced as compared to the case of anticipatory caching of all files linked to a requested file.

IPC 1-7

G06F 12/00

IPC 8 full level

G06F 12/00 (2006.01); **G06F 13/00** (2006.01); **G06F 17/30** (2006.01)

CPC (source: EP KR)

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