

Title (en)

DYNAMIC APPLICATION SYSTEMS AND PROCESSES FOR DISTRIBUTED COMPUTER ENVIRONMENT

Title (de)

DYNAMISCHE AUFWENDUNGSSYSTEME UND PROZESSE FÜR VERTEILTE RECHNERUMGEBUNG

Title (fr)

SYSTEMES ET PROCEDES D'APPLICATIONS DYNAMIQUES DESTINES A UN ENVIRONNEMENT INFORMATIQUE REPARTI

Publication

EP 1171830 A4 20041020 (EN)

Application

EP 00921505 A 20000329

Priority

- US 0008373 W 20000329
- US 12692899 P 19990329

Abstract (en)

[origin: WO0058855A1] Dynamic application systems (200) that, in a preferred embodiment, utilize behaviorally-oriented objects to adapt to the operating environment of the applications. The dynamic applications only use components necessary to perform the functionality required by the user. The dynamic client application (202) of the preferred embodiment of the present invention are able to be operated with a minimal operating system. This operating system can include handheld computers, PDAs, appliances and the like. The dynamic client application (202) utilizes a "seed" program (211) that includes minimal executable code to create a connection with a server (201), download a set of system components (223, 222) from the server (201) and install those components to create a user interface. The user can then request desired functionality from the system. The client application will then download the components necessary for the client application to either perform the functionality or to access this functionality elsewhere in a distributed computer system (200).

IPC 1-7

G06F 15/16; **G06F 9/445**

IPC 8 full level

G06F 9/445 (2006.01)

CPC (source: EP)

G06F 8/61 (2013.01)

Citation (search report)

- [Y] US 5689708 A 19971118 - REGNIER BARBARA ANN [US], et al
- [Y] EP 0848341 A2 19980617 - WEBTV NETWORKS INC [US]
- [A] EP 0367709 A1 19900509 - IBM [US]
- [A] US 5717923 A 19980210 - DEDRICK RICK [US]
- [A] US 5828887 A 19981027 - YEAGER JEFFREY N [US], et al
- [A] EP 0793170 A1 19970903 - SUN MICROSYSTEMS INC [US]
- See references of WO 0058855A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 0058855 A1 20001005; AU 4181400 A 20001016; CA 2367889 A1 20001005; EP 1171830 A1 20020116; EP 1171830 A4 20041020; JP 2002540529 A 20021126

DOCDB simple family (application)

US 0008373 W 20000329; AU 4181400 A 20000329; CA 2367889 A 20000329; EP 00921505 A 20000329; JP 2000608279 A 20000329