Title (en)

DISTRIBUTED SOFTWARE DEVELOPMENT ENVIRONMENT

Title (de)

VERTEILTE SOFTWARE-ENTWICKLUNGS UMGEBUNG

Title (fr)

ENVIRONNEMENT DE REALISATION DE LOGICIELS REPARTI

Publication

EP 1222535 A4 20050216 (EN)

Application

EP 00928510 A 20000428

Priority

- US 0011428 W 20000428
- US 13150699 P 19990429

Abstract (en)

[origin: WO0067121A1] The present invention relates to a distributed object-oriented software development environment (10). Objects for performing object operations can communicate to one another if associated interfaces are compatible. The environment provides sequential flow of control and data to the objects. Each interface of an object has a unique global identification value. Compatible interfaces are determined by registering the global identification and version of the interfaces with a management framework. The environment can be used for establishing an application network (12) and performing consistent and transparent dynamic updates of the application network. The management framework can include management objects associated with objects of the application. The management objects (42) communicate information about the objects to a human manager object (44). Accordingly, the human management object can control transactions of the objects during establishment or reconfiguration of the application network without participation by the objects. During a design stage, the management framework can also be used by the software developers for performing tetherless negotiation.

IPC 1-7

G06F 9/44

IPC 8 full level

G06F 9/44 (2006.01)

CPC (source: EP)

G06F 8/20 (2013.01)

Citation (search report)

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- [X] MANJUNATH M. SURYANARAYANA: "OMSOFT : A Change Management Paradigm", JOURNAL OF NETWORK AND SYSTEMS DESIGN, vol. 6, no. 1, 1998, PLENUM PUBLISHING CORPORATION, pages 1 - 9, XP002312020
- See references of WO 0067121A1

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