

Title (en)

A SYSTEM FOR COMPOSING APPLICATIONS BASED ON EXPLICIT SEMANTIC MODELS, EVENT DRIVEN AUTONOMOUS AGENTS, AND RESOURCE PROXIES

Title (de)

SYSTEM ZUM ZUSAMMENSTELLEN VON AUF DEUTLICHEN SEMANTISCHEN MODELLEN, EREIGNISGESTEURTEN SELBSTSTÄNDIGEN AGENTEN UND HILFSMITTELPROXIES BASIERTEN ANWENDUNGEN

Title (fr)

SYSTEME POUR COMPOSER DES APPLICATIONS SUR LA BASE DE MODELES SEMANTIQUES EXPLICITES, D'AGENTS AUTONOMES DIRIGES PAR LES EVENEMENTS, ET DE SERVEURS MANDATAIRES DE RESSOURCES

Publication

EP 1224570 A1 20020724 (EN)

Application

EP 00903306 A 20000114

Priority

- US 0001042 W 20000114
- US 11625799 P 19990116

Abstract (en)

[origin: WO0042529A1] A system for dealing with entities from various aspects by applying models (209) to the entities. The models are graphs whose vertices represent the entities and whose edges represent relationships between the entities represented by the vertices. The models are user-definable and belong to user-definable model types. The model types are defined separately from the models and establish operations which are common to all models of the type. In one application, the vertices represent concepts and the edges represent relationships between the concepts. The concepts are further related to instances (309i) which may represent items (303i) that are examples of the concepts, agents, or other models. Agents (304j) are user-defined programs that execute in the context of the model (209) and use the operations defined for the model's type. Because model types are separate from models and concepts are separate from instances (309i), models may be quickly constructed and given a model may be applied to different sets of instances. In a preferred embodiment, the model type is further employed in the user interface to simplify construction of models by the user.

IPC 1-7

G06F 17/30

IPC 8 full level

G06F 17/30 (2006.01)

CPC (source: EP)

G06F 16/35 (2018.12)

Citation (search report)

See references of WO 0042529A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

WO 0042529 A1 20000720; AU 2507600 A 20000801; EP 1224570 A1 20020724

DOCDB simple family (application)

US 0001042 W 20000114; AU 2507600 A 20000114; EP 00903306 A 20000114