

Title (en)
DECLARATIVE MECHANISM FOR DEFINING A HIERARCHY OF OBJECTS

Title (de)
DEKLARATIVER MECHANISMUS ZUM DEFINIEREN EINER HIERARCHIE VON OBJEKTEN

Title (fr)
MECANISME DE DECLARATION PERMETTANT LA DEFINITION D'UNE HIERARCHIE D'OBJETS

Publication
EP 1639482 A4 20091028 (EN)

Application
EP 03808239 A 20030516

Priority
US 0315692 W 20030516

Abstract (en)
[origin: WO2004107195A1] Described is a method and data structure that enables an object to be specified declaratively within a markup document. The markup document may be XML-based (310). In accordance with the invention, the object is written based on a mapping. The mapping includes a URL attribute (316) for defining a location for a definition file having assemblies and namespaces (302) where classes (304) are specified. The class name (304) is mapped to the markup document (310) as a tag name (314). Properties (306) and events (308) of a class (304) are mapped to attributes (316) of the tag (314) associated with the class (304). The method further includes a method to parse the markup language (310) to create a hierarchy of objects. Attributes (316) that do not map directly to a class (304) are defined with a definition tag. The definition tag is also used to add programming code to a page.

IPC 8 full level
G06Q 50/10 (2012.01); **G06F 9/44** (2006.01); **G06F 40/143** (2020.01); **H04N 21/8543** (2011.01)

CPC (source: EP KR US)
G06F 8/30 (2013.01 - EP US); **G06F 40/131** (2020.01 - EP); **G06F 40/137** (2020.01 - EP); **G06F 40/143** (2020.01 - EP US);
G06Q 50/10 (2013.01 - KR); **H04N 21/8543** (2013.01 - KR)

Citation (search report)
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• [A] US 2002085020 A1 20020704 - CARROLL THOMAS J [US]
• [A] EP 1156429 A2 20011121 - MICROSOFT CORP [US]
• [Y] WALL, LONNIE ET AL: "Building Web Services and .NET Applications", 2002, MCGRAW-HILL/OSBORNE, XP002545299
• [A] BRAY T ET AL: "Namespaces in XML", INTERNET CITATION, XP002233036, Retrieved from the Internet <URL:http://www.w3.org/TR/1999/REC-xml-names-19990114> [retrieved on 20030228]
• [A] FAY D: "An architecture for distributed applications on the internet: overview of microsoft's .NET platform", PARALLEL AND DISTRIBUTED PROCESSING SYMPOSIUM, 2003. PROCEEDINGS. INTERNATIONAL APRIL 22-26, 2003, PISCATAWAY, NJ, USA, IEEE, 22 April 2003 (2003-04-22), pages 90 - 96, XP010645625, ISBN: 978-0-7695-1926-5
• See references of WO 2004107195A1

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WO 2004107195 A1 20041209; AU 2003248534 A1 20050121; CN 100338595 C 20070919; CN 1615476 A 20050511;
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