

Title (en)
UPWARD AND DOWNWARD COMPATIBLE SCHEMA EVOLUTION

Title (de)
AUF- UND ABWÄRTSKOMPATIBLE SCHEMAEVOLUTION

Title (fr)
EVOLUTION DE SCHEMA COMPATIBLE EN AMONT ET EN AVAL

Publication
EP 1559031 A2 20050803 (DE)

Application
EP 03773545 A 20031017

Priority
• DE 0303453 W 20031017
• DE 10250641 A 20021030

Abstract (en)
[origin: WO2004040441A2] The invention relates to a method and a system for defining structures of object and/or data models (OM), comprising at least one schema (XS1, XS2) for describing the structures. An upward and downward compatible schema evolution is achieved in that a labeling of a version of the corresponding schema (XS1, XS2) is carried out in a first attribute (10, 20) of a schema (XS1, XS2), wherein the namespace (1) used in the corresponding schema (XS1, XS2) and the type and element name (11a..14a, 21a..24a) used in the corresponding schema (XS1, XS2) are preserved regardless of the version, wherein the types and elements (11..14, 21..24) are expanded only while preserving the type or element name (11a..14a, 21a..24a). Unexpanded types and elements (21..24) are accepted in the schemas (XS2) of a newer version unchanged from the types or elements (11..14) of schemas (XS1) of an older version.

IPC 1-7
G06F 17/30

IPC 8 full level
G06F 9/44 (2006.01)

CPC (source: EP US)
G06F 9/4488 (2018.01 - EP US)

Citation (search report)
See references of WO 2004040441A2

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
WO 2004040441 A2 20040513; WO 2004040441 A3 20050407; DE 10250641 A1 20040513; EP 1559031 A2 20050803; US 2006004781 A1 20060105

DOCDB simple family (application)
DE 0303453 W 20031017; DE 10250641 A 20021030; EP 03773545 A 20031017; US 53273205 A 20050426