Title (en)

SYSTEMS AND METHODS FOR INTERFACING APPLICATION PROGRAMS WITH AN ITEM-BASED STORAGE PLATFORM

Title (de)

SYSTEME UND VERFAHREN FÜR SCHNITTSTELLEN VON ANWENDUNGSPROGRAMMEN MIT EINER SPEICHERPLATTFORM AUF POSTENBASIS

Title (fr)

SYSTEMES ET PROCEDES D'INTERFACAGE DE PROGRAMMES D'APPLICATIONS DOTES D'UNE PLATE-FORME DE STOCKAGE BASEE SUR DES ARTICLES

Publication

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Application

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Abstract (en)

[origin: WO2005029363A1] Various embodiments of the present invention are directed to a storage platform (figure 20) comprising: a data store in which data stored therein is defined in terms of items, elements, and relationships (figure 20, 2014), wherein an item is a unit of data storable in the data store and comprises one or more elements, an element is an instance of a type (figure 20, 2016) comprising one or more fields, and a relationship is a link between at least two items; a set of schemas (figure 20, 2014) that define different types of items, elements, and relationships (figure 20, 2016); and an application programming interface (figure 20, 350a, 350b, or 350c) comprising a class (figure 20, 2008) for each of the different items, elements, and relationships defined in the set of schemas. Data may also be stored in the data store in the form of an extension to an existing item type, and wherein the application programming interface comprises a class for each different item extension (figure 20, 2006).

IPC 8 full level

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CPC (source: EP KR)

G06F 16/10 (2018.12 - EP); **G06F 17/40** (2013.01 - KR)

Citation (search report)

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- See references of WO 2005029363A1

Citation (examination)

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- US 6199195 B1 20010306 - GOODWIN RICHARD GLENN [US], et al
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