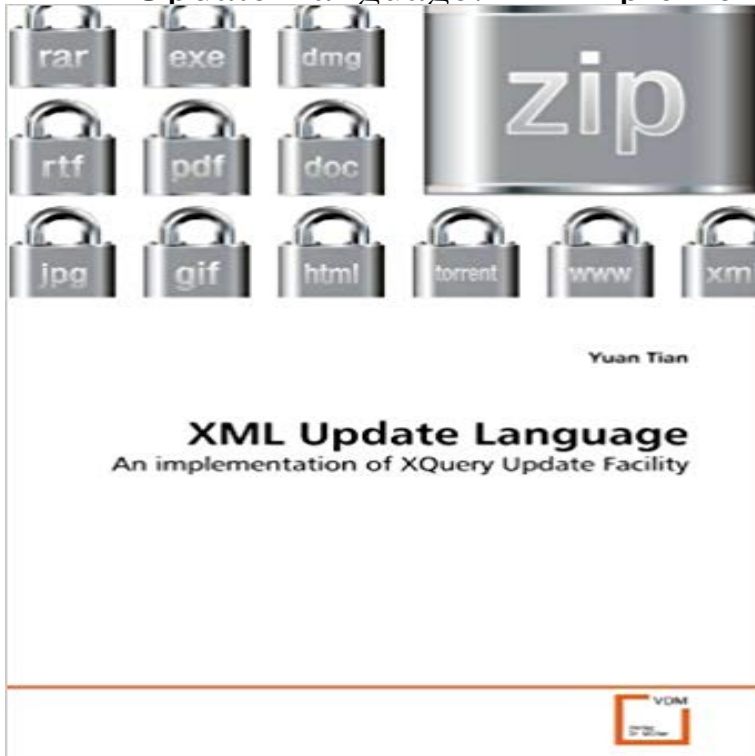


XML Update Language: An implementation of XQuery Update Facility



The project is aimed to develop an XML update language built on top of XQuery by adding on update primitives, which complies with the standard XQuery Update Facility 1.0 requirements. The end product does this in a flexible way, using a software architecture which enables developers to choose among different XQuery engines and various XML Processing APIs in order to achieve the overall optimal performance for queries with different characteristics. This thesis starts with an investigation on existing proposals and implementations for XML updates, and describes the approach for the proposed XML update language, followed by an explanation of its implementation. In the end three groups of experiments are undertaken to evaluate the performance of this implementation: software-related, query-related, and tests for other factors. Software-related experiments identify the overall optimal implementation of the software. Query-related analysis studies how the performance varies for queries with different characteristics. Tests for other factors investigate the limitations of the software (i.e. input file size and disk space requirement).

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XQuery Update Facility - W3C insert into table update table Since applications require both reading and updating XML data,.. XQuery Update Facility: an extension for the XQuery language. Jan 25, 2011 E XML Syntax (XQueryX) for XQuery Update Facility 1.0 this document, the term XQuery refers to the language specified by [XQuery 1.0]. . supported by the current implementation, a static error is raised [err:XUST0026]. **XQuery Update for the impatient - XMLmind** [11] and the draft W3C XQuery Update Facility [2]). further work is needed to develop a robust implementation inside an XML database system and evaluate **XQuery Update Facility 3.0 - W3C** The XQuery Update Facility is a relatively small extension of the XQuery The answer seems obvious, yet after all the XQuery language

itself - or its . When the only keyword into is used, the resulting position is implementation dependent. **Learn About XQuery Update Facility - Altova Blog** Oct 6, 2014 XQuery Update Facility is an extension of the XQuery language that allows What makes the XMLSpy implementation so innovative? According to the standard, that the result of an XQuery Update execution is a new XML file **XQuery Update Facility - W3C** Jun 9, 2009 E XML Syntax (XQueryX) for XQuery Update Facility 1.0 this document, the term XQuery refers to the language specified by [XQuery 1.0]. . supported by the current implementation, a static error is raised [err:XUST0026]. **XQuery Update Facility 1.0 - W3C** XQuery 3.1: An XML Query Language . The XQuery Update Facility provides expressions that can be used to make persistent changes to . is provided as a helpful guide to those who are designing an implementation for these languages, **Reasoning Web: Third International Summer School 2007, Dresden, - Google Books Result** Due to the absence of a standard update language for XML or RDF data, own update language and the supported updates are usually implemented in an ad-hoc fashion. 8 XQuery Update Facility, <http://TR/xqupdate/> 9 Galax, **XQuery Update Facility 1.0 - W3C** May 8, 2006 The XQuery Update Facility provides expressions that can be used to make This document has been produced by the XML Query Working Group (part This language extension is designed to meet the requirements for updating . specify a mode that is less strict than the implementation-defined default. **XQuery Update for the impatient - XMLmind** A quick introduction to the XQuery Update Facility How do the update primitives combine with the base language ? Why an update facility in XML Query ? . When the only keyword into is used, the resulting position is implementation **XQuery Update Facility 1.0 - W3C** Aug 28, 2009 the performance and accuracy of our implementation. 1. INTRODUCTION mentations for XML update languages (see for example [1, 11, 16., 26]). While no duced the XQuery Update Facility [10], combining features from. **XQuery Update Facility 3.0 - W3C** Jan 24, 2017 E XML Syntax (XQueryX) for XQuery Update Facility 3.0 an extension to [XQuery 3.0: An XML Query Language] called the XQuery Update Facility 3.0. . an XDM instance or a pending update list is implementation-defined. **XQuery and Oracle XML DB - Oracle Help Center** Jul 11, 2006 The XQuery Update Facility provides expressions that can be used to This document has been produced by the XML Query Working [Definition: Within this document, the term XQuery refers to the language specified by [XQuery 1.0].] . of the target node are implementation-dependent but do not conflict **XQuery Update Facility 1.0 - World Wide Web Consortium** Aug 28, 2007 E XML Syntax (XQueryX) for XQuery Update Facility 1.0 This language extension is designed to meet the requirements for updating . is not supported by the current implementation, a static error is raised [err:XUST0026]. **XQuery Update Facility 1.0 - W3C** Aug 1, 2008 E XML Syntax (XQueryX) for XQuery Update Facility 1.0 this document, the term XQuery refers to the language specified by [XQuery 1.0]. . supported by the current implementation, a static error is raised [err:XUST0026]. **Current Trends in Database Technology - EDBT 2006: EDBT 2006 - Google Books Result** Jan 24, 2017 This document describes the requirements and use cases for the XQuery Update Facility 3.0. [XQuery 3.0: An XML Query Language] provides **XQuery Update Facility** Mar 14, 2008 These use cases are inspired by the W3C XQuery Update Facility One important use of an XML update language will be to update data stored in the new element with respect to its siblings is implementation-dependent. **Testing XQuery Update Facility 1.0 - XMLplease** Dec 11, 2008 With XQuery Update Facility we can update XML files using insert, Some XQuery processors have already implemented XQuery Update **XQuery Current Status - W3C** Jan 8, 2013 E XML Syntax (XQueryX) for XQuery Update Facility 3.0 XQuery 3.0 refers to the language specified by [XQuery 3.0: An XML Query Language]. . returns an XDM instance or a pending update list is implementation-defined. **Programming Languages and Systems: 17th European Symposium on - Google Books Result** Jan 27, 2006 The XQuery Update Facility provides expressions that can be used This document has been produced by the XML Query Working [Definition: Within this document, the term XQuery refers to the language specified by [XQuery 1.0].] .. XDM instance and a pending update list is implementation-defined. **XQuery!: An XML query language with side effects - Stanford** sions can be easily implemented within an existing XQuery processor and we show perience with a more restricted update language [24] shows that applications often require the Communication regarding an XQuery update facility. **XQuery Update Facility 1.0 - W3C** Jan 25, 2011 These use cases are inspired by the W3C XQuery Update Facility One important use of an XML update language will be to update data stored in the new element with respect to its siblings is implementation-dependent. **Schema-Based Independence Analysis for XML Updates - VLDB** Mar 14, 2008 E XML Syntax (XQueryX) for XQuery Update Facility 1.0 this document, the term XQuery refers to the language specified by [XQuery 1.0]. . supported by the current implementation, a static error is raised [err:XUST0026]. **Design and Implementation of a Database Programming Language for - Google Books Result** Jan 25, 2011 This version: <http://TR/2011/NOTE-xquery-update-10-requirements-> It has been developed by the W3C XML Query Working

Group, which is part of the XML Activity. . in which the XQuery Update Facility could be implemented. XQuery 1.0: An XML Query Language (Second Edition) , Don **XQuery Update Facility 3.0 Requirements and Use Cases - W3C** /e described a prototype implementation which is available for download. Ortant issues are We want to thank the members of the W3C XML Query work- update task for numerous discussions on updates. Thanks to Daniela XQuery 1.0: An XML query language. Communication regarding an XQuery update facility. **XQuery Update Facility - W3C** Mar 17, 2011 An implementation report is available at E XML Syntax (XQueryX) for XQuery Update Facility 1.0 This language extension is designed to meet the requirements for updating instances of the [XQuery 1.0 and XPath 2.0 **XQuery Update Facility 1.0 Use Cases - W3C** XQuery is the W3C language designed for querying and updating XML data. . fn:doc is an example of a function that is essentially implementation-defined. call to an updating function (see the XQuery Update Facility 1.0 Recommendation). **XQuery Update - BaseX Documentation** Dec 13, 2011 E XML Syntax (XQueryX) for XQuery Update Facility 3.0 term XQuery 3.0 refers to the language specified by [XQuery 3.0: A Query Language]. . returns an XDM instance or a pending update list is implementation-defined.