

TIRÈME SARL

# XML Query, XML Query Language

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Recommandation(s) liée(s) : *XPath*

« *XML Query* operates on the abstract, logical structure of an *XML* document, rather than its surface syntax. This logical structure is known as the data model, which is defined in the *XML Query 1.0* and *XPath 2.0 Data Model* document.

*XML Query* Version 1.0 is an extension of *XPath* Version 2.0. Any expression that is syntactically valid and executes successfully in both *XPath 2.0* and *XML Query 1.0* will return the same result in both languages. Since these languages are so closely related, their grammars and language descriptions are generated from a common source to ensure consistency, and the editors of these specifications work together closely.

*XML Query* also depends on and is closely related to the following specifications:

- The *XML Query* data model defines the information in an *XML* document that is available to an *XML Query* processor. The data model is defined in *XML Query 1.0* and *XPath 2.0 Data Model*.

- The static and dynamic semantics of *XML Query* are formally defined in *XML Query 1.0* and *XPath 2.0 Formal Semantics*. This document is useful for implementors and others who require a rigorous definition of *XML Query*.

- The type system of *XML Query* is based on *Schema*.

- The default library of functions and operators supported by *XML Query* is defined in *XML Query 1.0* and *XPath 2.0 Functions and Operators*...

- One requirement in *XML Query 1.0 Requirements* is that an *XML* query language have both a human-readable syntax and an *XML*-based syntax. The *XML*-based syntax for *XML Query* is described in *XML Query: An XML Query Language 1.0*.

The current edition of *XML Query 1.0* has not incorporated recent language changes; it will be made consistent with this document in its next edition.

This document specifies a grammar for *XML Query*, using the same Basic EBNF notation used in *XML*, except that grammar symbols always have initial capital letters. Unless otherwise noted, whitespace is not significant in the grammar. Grammar productions are introduced together with the features that they describe, and a complete grammar is also presented in the appendix (A XQuery Grammar). »

**Source.** XQuery 3.0: An XML Query Language, version 3.0







## Objectifs

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Information descriptive non finalisée ; n'hésitez pas à nous contacter pour rédiger et/ou maintenir cette information à jour.

## Recommandations(s)

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-  *XQuery 3.0: An XML Query Language*  
 Recommandation, version 3.0, du 8/04/2014  
 Document sur <http://www.w3.org/TR/xquery-30/>
-  *XML Syntax for XQuery (XQueryX 3.0)*  
 Recommandation, version 3.0, du 8/04/2014  
 Document sur <http://www.w3.org/TR/xqueryx-30/>
-  *XQuery and XPath Data Model 3.0 (XDM)*  
 Recommandation, version 3.0, du 8/04/2014  
 Document sur <http://www.w3.org/TR/xpath-datamodel-30/>
-  *XQuery 3.0 Requirements*  
 Note, version 1.1, du 8/04/2014  
 Document sur <http://www.w3.org/TR/xquery-30-requirements>
-  *XQuery Update Facility*  
 Recommandation, version 1.0, du 17-03-2011  
 Document sur <http://www.w3.org/TR/xquery-update-10/>
-  *XQuery Update Facility Use Cases*  
 Recommandation Candidate, version 1.0, du 14-03-2008  
 Document sur <http://www.w3.org/TR/xqupdateusecases/>
-  *XQuery Update Facility Requirements*  
 Recommandation Candidate, version 1.0, du 14-03-2008  
 Document sur <http://www.w3.org/TR/xquery-update-requirements/>
-  *XML Query (XQuery) 3.0 Use Cases*  
 Note, version 3.0, du 8/04/2014  
 Document sur <http://www.w3.org/TR/xquery-30-use-cases/>
-  *XQuery 1.0 and XPath 2.0 Formal Semantics*  
 Recommandation, version 20070123, du 23-01-2007  
 Document sur <http://www.w3.org/TR/xquery-semantics>
-  *XQuery and XPath Functions and Operators*  
 Recommandation, version 3.0, du 8/04/2014  
 Document sur <http://www.w3.org/TR/xpath-functions-30/>
-  *XQuery and XPath Full Text 1.0 Requirements*  
 Projet en cours, version 20080516, du 16-05-2008  
 Document sur <http://www.w3.org/TR/xpath-full-text-10-requirements/>
-  *XQuery and XPath Full Text 1.0*  
 Recommandation Candidate, version 1.0, du 28-01-2010  
 Document sur <http://www.w3.org/TR/xpath-full-text-10/>
-  *XQuery and XPath Full Text 1.0 Use Cases*  
 Projet en cours, version 1.0, du 28-01-2010  
 Document sur <http://www.w3.org/TR/xmlquery-full-text-use-cases>
-  *XSLT 2.0 and XQuery 1.0 Serialization*  
 Recommandation, version 20072301, du 23-01-2007  
 Document sur <http://www.w3.org/TR/xslt-xquery-serialization/>

