The DocBook MathML Document Type

Working Draft 1.1CR1, 27 Jul 2004

Document identifier:
wd-docbook-mathml-1.1CR1

Location:
http://www.oasis-open.org/docbook/specs

Editor:
Norman Walsh, Sun Microsystems, Inc. <Norman.Walsh@Sun.COM>

Abstract:
DocBook MathML Document Type is a modular superset of DocBook XML V4.3. It is a DocBook extension to support [MathML 2.0].

Status:
This is a working draft constructed by the editor. It is not an official committee work product and may not reflect the consensus opinion of the committee.

Please send comments on this specification to the <docbook@lists.oasis-open.org> list. To subscribe, send an email message to <docbook-request@lists.oasis-open.org> with the word "subscribe" as the body of the message.


Table of Contents

1. Introduction .................................................................................................................................... 2
2. Terminology ................................................................................................................................... 2
3. The DocBook MathML Document Type V1.1CR1 ................................................................................. 2
   3.1. Usage .................................................................................................................................. 2
4. Changes in DocBook EBNF V1.1CR1 ................................................................................................. 2
5. Release Notes .................................................................................................................................. 3

Appendixes

A. OASIS DocBook Technical Committee (Non-Normative) ................................................................. 3
B. Notices .......................................................................................................................................... 3
C. Intellectual Property Rights ............................................................................................................... 4
D. Revision History ............................................................................................................................. 4
References ......................................................................................................................................... 4
1. Introduction

DocBook is a general purpose document type particularly well suited to books and papers about computer hardware and software (though it is by no means limited to these applications).

DocBook MathML is an extension to provide support for [MathML 2.0] markup in equations.


The Version 1.2 release is based on [DocBook V4.3].

The DocBook Technical Committee welcomes bug reports and requests for enhancement (RFEs) from the user community. The current list of outstanding requests is available through the SourceForge tracker interface. This is also the preferred mechanism for submitting new requests. Old RFEs, from a previous legacy tracking system, are archived for reference.

2. Terminology

The key words must, must not, required, shall, shall not, should, should not, recommended, may, and optional in this Working Draft are to be interpreted as described in [RFC 2119]. Note that for reasons of style, these words are not capitalized in this document.

3. The DocBook MathML Document Type V1.1CR1

The DocBook MathML Document Type is a superset of [DocBook V4.3]. It is distributed from the DocBook site at OASIS. It is also available from the mirror on http://docbook.org/.

3.1. Usage

To use this module, specify the public and system identifiers of this module in your document type declaration. For example, to use this module to write a book, use the following document type declaration:

```xml
<!DOCTYPE book PUBLIC "-//OASIS//DTD DocBook EBNF Module V1.1CR1//EN"
 "http://www.oasis-open.org/docbook/xml/mathml/1.1CR1/dbmathml.dtd">
```

Naturally, you can include an internal subset if you wish.

To incorporate this module into a higher-level customization layer, use the public and system identifiers of this module in your customization layer. For example:

```xml
<!DOCTYPE % docbookmathml PUBLIC "-//OASIS//DTD DocBook EBNF Module V1.1CR1//EN"
 "http://www.oasis-open.org/docbook/xml/mathml/1.1CR1/dbmathml.dtd" %docbookmathml;
```

4. Changes in DocBook EBNF V1.1CR1

This release updates DocBook MathML to be a customization of DocBook XML V4.3.
There are no substantive changes to the MathML-specific markup.

5. Release Notes

None.

OASIS DocBook Technical Committee (Non-Normative)

The following individuals were members of the committee during the formulation of this Working Draft:

- Steve Cogorno
- Adam Di Carlo
- Paul Grosso
- Dick Hamilton
- Nancy Harrison
- Scott Hudson
- Mark Johnson
- Jirka Kosek
- Larry Rowland
- Michael Smith
- Robert Stayton, Secretary
- Norman Walsh, Chair, Editor

Notices


OASIS takes no position regarding the validity or scope of any intellectual property or other rights that might be claimed to pertain to the implementation or use of the technology described in this document or the extent to which any license under such rights might or might not be available; neither does it represent that it has made any effort to identify any such rights. Information on OASIS's procedures with respect to rights in OASIS specifications can be found at the OASIS website. Copies of claims of rights made available for publication and any assurances of licenses to be made available, or the result of an attempt made to obtain a general license or permission for the use of such proprietary rights by implementors or users of this specification, can be obtained from the OASIS Executive Director.

OASIS invites any interested party to bring to its attention any copyrights, patents or patent applications, or other proprietary rights which may cover technology that may be required to implement this specification. Please address the information to the OASIS Executive Director.

This document and translations of it may be copied and furnished to others, and derivative works that comment on or otherwise explain it or assist in its implementation may be prepared, copied, published and distributed, in whole or in part, without restriction of any kind, provided that the above copyright notice and this paragraph are included on all such copies and derivative works. However, this document itself may not be modified in any way, such as by removing the copyright notice or references to OASIS, except as needed for the purpose of developing OASIS specifications, in which case the procedures for copyrights defined in the OASIS Intellectual Property Rights document must be followed, or as required to translate it into languages other than English.
The limited permissions granted above are perpetual and will not be revoked by OASIS or its successors or assigns.

This document and the information contained herein is provided on an "AS IS" basis and OASIS DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTY THAT THE USE OF THE INFORMATION HEREIN WILL NOT INFRINGE ANY RIGHTS OR ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

OASIS has been notified of intellectual property rights claimed in regard to some or all of the contents of this specification. For more information consult the online list of claimed rights.

**Intellectual Property Rights**

For information on whether any patents have been disclosed that may be essential to implementing this specification, and any offers of patent licensing terms, please refer to the Intellectual Property Rights section of the DocBook web page (http://www.oasis-open.org/committees/docbook/)

**Revision History**

1.1CR1 27 Jul 2004

**References**

**Normative**


**Non-Normative**
