



# **URI Format for DMTF Published XML Schema**

**Version 1.0**

**Status: Preliminary Standard**

**Publication Date: 02/09/2006**

**DSP0225**

Copyright © 2006 Distributed Management Task Force, Inc. (DMTF). All rights reserved.

DMTF is a not-for-profit association of industry members dedicated to promoting enterprise and systems management and interoperability. Members and non-members may reproduce DMTF specifications and documents for uses consistent with this purpose, provided that correct attribution is given. As DMTF specifications may be revised from time to time, the particular version and release date should always be noted.

Implementation of certain elements of this standard or proposed standard may be subject to third party patent rights, including provisional patent rights (herein "patent rights"). DMTF makes no representations to users of the standard as to the existence of such rights, and is not responsible to recognize, disclose, or identify any or all such third party patent right, owners or claimants, nor for any incomplete or inaccurate identification or disclosure of such rights, owners or claimants. DMTF shall have no liability to any party, in any manner or circumstance, under any legal theory whatsoever, for failure to recognize, disclose, or identify any such third party patent rights, or for such party's reliance on the standard or incorporation thereof in its product, protocols or testing procedures. DMTF shall have no liability to any party implementing such standard, whether such implementation is foreseeable or not, nor to any patent owner or claimant, and shall have no liability or responsibility for costs or losses incurred if a standard is withdrawn or modified after publication, and shall be indemnified and held harmless by any party implementing the standard from any and all claims of infringement by a patent owner for such implementations.

For information about patents held by third-parties which have notified the DMTF that, in their opinion, such patent may relate to or impact implementations of DMTF standards, visit <http://www.dmtf.org/about/policies/disclosures.php>.

# URI Format for DMTF Published XML Schema

Version 1.0

Publication Date: 02/09/2006

DSP0225

Status: Preliminary Standard

## Abstract

This document describes the format used when defining a URI for identifying the namespace of an XML schema published by the DMTF.

## Acknowledgments

This document reflects the work of members of the WBEM Infrastructure and Protocols WG of the DMTF.

## Change History

Version	Date	Editor	Description
1.0 Company Review	12/08/2005	Aaron Merkin	Marked Company Review for balloting at TC.
1.0.0a	01/31/2006	Aaron Merkin	Addressed comments received during Company Review
1.0.0b	02/09/2006	Aaron Merkin	Addressed WIP comments on 1.0.0a version.

## Table of Contents

Abstract.....	3
Acknowledgments.....	3
Change History.....	4
1 URI Format.....	7
Appendix A – References.....	8



## 1 URI Format

The URI used to identify the namespace of an XML schema published by the DMTF will have the following format.

```
"http://schemas.dmtf.org/"<standardName>"/" [<initiative specific hierarchy>"/"]<schemaName>".xsd"
```

The tokens which comprise the schema are as follows:

["http://schemas.dmtf.org/"](http://schemas.dmtf.org/) is a string constant.

<standardName> identifies the DMTF standard or initiative under which the schema is being published. The Technical Committee is responsible for managing the initiatives under which schemas will be published. Each initiative is assigned an owning Working Group. The owning Working Group is responsible for managing the <initiative specific hierarchy> as well as any restrictions on the uniqueness or format of an xsd filename.

<initiative specific hierarchy> is a placeholder to allow the working group responsible for the initiative to create a namespace hierarchy appropriate to the schema or schemas being defined.

<schemaName> is the name for the xsd which defines the schema.

The URI is published using all lower case letters. Versioning information should be included an appropriate place in the <initiative specific hierarchy> to identify the version of a set of related schema documents and should follow the format defined in [3].

The following are some possible examples constructed using the format above.

For the CLPXML output defined in the SM CLP specification:

```
http://schemas.dmtf.org/smash/clpxmlresponse/1.0.0/clpxml_response.xsd
```

For the message registry schema:

```
http://schemas.dmtf.org/messages/1.0.0/messageregistry.xsd
```

## Appendix A – References

- [1] Namespaces in XML, January 14, 1999 - Downloadable from <http://www.w3.org/TR/REC-xml-names/>
- [2] Uniform Resource Identifier (URI): Generic Syntax, January, 2005- Downloadable from <http://www.ietf.org/rfc/rfc3986.txt>
- [3] “DMTF Release Process”, V1.3, DSP4004, 2005, DMTF – Downloadable from [http://www.dmtf.org/standards/published\\_documents/](http://www.dmtf.org/standards/published_documents/)