

Action Plan: XML DTD 1.0

Release Date: 07-22-03

Last Review: 02-01-08

Change History:

01-30-2008 Added Ingest Processing and Significant Properties sections.

1. Ingest Processing

- Identification: Yes, only markup declaration conforming to the plain text identification rules and the well-formedness rules defined in the XML 1.0 specification are identified as DTD.
- Validation: Yes. DTD must conform to the validation rules specified in the XML 1.0 specification.
- Characterization: Yes. Extracted technical metadata are described in section 2.2 of XML DTD action plan background.
- Localization: Yes. A localized version will be created for a DTD file if it contains at least one named reference to an external file (a 'link'), and the reference can be resolved to a physical file using the resolution algorithms described in “Resolving References in Distributed Objects” report, available on the Florida Digital Archive (FDA) website. The format of this version, XML_DTD_NORM_1, are described in a separate FDA report (“A Specification of the XML_DTD_NORM_1 Format”) available on the FDA website.
- Migration: No.
- Normalization: No

2. Significant Properties

XML DTD exhibits the following significant properties. They are the significant properties which the FDA intends to preserve when adopting migration or normalization policy in the future.

- Content: All textual content will be preserved.
- Context: N/A. DTD may contain definitions for storing contextual information. It does not contain the actual context.
- Behavior: Constraints defined in DTD files will be preserved.
- Structure: Document structures defined in DTD files will be preserved.
- Appearance: N/A. DTD does not provide a way to specify how DTD documents may be displayed.

3. Long-term Preservation Strategy

3.1 Long-term Preservation Strategy for the Original

Migrate to a newer version of XML DTD or to a different XML schema language when the XML DTD 1.0 format becomes unsupported by XML readers.

3.2 Long-term Preservation Strategy for the Localized Version(s)

Same as for the original (see 3.1).

4 Timetable of Anticipated Short-term Actions

N/A

5 Timetable of Action Plan Review and Revisal

Review and revise action plan in 3 year (Feb 2011).

Note: This action plan is currently (02/01/08) under discussion and is subject to change.