

## **Action Plan: XML 1.0**

**Release Date:** 06-09-2003

**Last Review:** 02-01-2008

---

### **Change History:**

- 07-24-2003 Deleted all descriptions of the algorithm used to resolve file references, instead referring to a separate FDA report (“Resolving References in Distributed Objects”) for the details.
- 02-01-2008 Added Ingest Processing and Significant Properties sections.
- 

### **1. Ingest Processing**

- Identification: Yes, only documents conforming to the well-formedness rules defined by the XML 1.0 specification will be identified as XML.
- Validation: Yes. The FDA uses the validation rules specified in the XML 1.0 specification.
- Characterization: Yes. Extracted technical metadata are described in section 2.2 of XML action plan background.
- Localization: Yes. A localized version will be created for an XML file if it contains at least one named reference to an external schema and the reference can be resolved to a physical file using the process described in “Resolving References in Distributed Objects”, available on the Florida Digital Archive(FDA) website. The format for this version, 'XML\_norm\_1', is described in a separate FDA publication (“A Specification of the XML\_NORM\_1 Format”).
- Migration: No.
- Normalization: No.

### **2. Significant Properties**

XML 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. Data defined inside <CDATA> will be preserved as is.
- Context: Yes. Contextual information described in XML documents will be preserved.
- Behavior: External schema referenced by XML documents will be preserved. The validation status of the XML documents will be preserved. XML behaviors defined in <CDATA> section, such as java script, may not be preserved.
- Structure: Yes. The tree-like element structure defined in XML documents will be preserved.
- Appearance: N/A. XML does not contain appearance attributes. However, XML documents can be associated with XML style sheets to define their appearance. The preservation of XML style sheet is out of the scope of this document.

### **3. Long-term Preservation Strategy**

### **3.1 Long-term Preservation Strategy for the Original**

Migrate to XML 1.1 when XML 1.1 is supported by the FDA.

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

Same as the original.

### **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.**