

## **Action Plan: XML 1.0**

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### **Change History:**

07-24-2003 Deleted all descriptions of the algorithm used to resolve file references, instead referring to a separate FCLA report ("Resolving References in Distributed Objects") for the details.

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### **1. Normalized Version(s) Creation**

To ensure that references to external files from within XML 1.0 documents point to actual files in the future, these references will be made to refer to locally archived files. A normalized version will be created for an HTML file only 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 process described in "Resolving References in Distributed Objects", available on the FCLA digital archive website. The format for this version, 'XML\_norm\_1', will consist of a single XML file for every XML file that is normalized. The XML\_norm\_1 format is described in a separate FCLA publication ("Normalization for XML 1.0 Files: A Specification of the XML\_NORM\_1 Format") available on the FCLA Digital Archive website.

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

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

Migrate to a newer version of XML when a future well-supported XML Recommendation introduces incompatibilities with XML 1.0.

#### **2.2 Long-term Preservation Strategy for the Normalized Version(s)**

Same as for the original (see 2.1).

### **3 Timetable of Anticipated Short-term Actions**

- Develop detailed specifications of the XML\_norm\_1 format.
- Write a Java program or programs that recognizes XML 1.0 documents that need normalizing, and that normalizes them to the XML\_norm\_1 format.

### **4 Timetable of Action Plan Review and Revisal**

Review and revise action plan in 1 year (June 2004).

**Note: This action plan is currently (06/09/03) under discussion and is subject to change.**