



ITSIG 03/2000 (Add. 1)

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Please see over.

Activity Report 3 (Detailed Version) and Plan of XML Project

2000-10-10
XML Project/Japan

In June 12, 2000, We reported a preliminary XML DTD for ISO standards. The DTD has been posted on the [ITSIG web page](#) of "04. Final deliverables", as:

- XML ad-hoc group report about DTD / 2000-08-29 - [Activity Report 2 of XML Project]
- XML ad-hoc group report about DTD (files) / 2000-08-29 - [including 47 files]

In July 07, 2000, We reported XML tools (editor, parser and browser). It has also been posted on the web page as

- XML ad-hoc group report about XML tools / 2000-08-29

We are now revising the DTD, in particular, for the table elements. After its completion we will draft the final report including the DTD and explanation of the semantics. It will be

"XML DTD for International Standards and Technical Reports"

and submitted by February 2001. In order to do them efficiently, we would like to

- have some samples of actual International Standards documents in an SGML form (The simple samples of "term1.sgml" and "test1.sgml" are not enough to evaluate all the functionality of the developed DTD), and
- have an opportunity to discuss some details with Mr. Samarin.

We recognize the user requirements for a style specification for XML/SGML document interchange. In the June report, we attached some simplified examples of XSL specification for ISO standards described by XML. Standard style specifications using XSL/XSLT/XPath will also be developed and reported by Feb. 2001. It will be

"XSL/XSLT Style Specification for International Standards and Technical Reports".

NOTE 1: [XSL\(Extensible Stylesheet Language\)](#) is a language for defining stylesheets which specify the presentation of a class of XML documents by describing how an instance of the class is transformed into an XML document that uses the formatting vocabulary.

NOTE 2: [XSLT\(XSL Transformations\)](#) is a language for transforming XML documents into other XML documents.

NOTE 3: [XPath\(XML Path Language\)](#) is a language for addressing parts of an XML document, designed to be used by XSLT.

Regarding the activities to be carried out after March 2001, we have a plan to develop the following issues for interchanging more complicated and multimedia standards documents:

- DTD module for chemical expression

- DTD module for mathematical expression
- DTD module for animation
- DTD module for voice annotation
- style specification for those DTD modules
- Adaptation of ISONET DTD to XML

Those modules are expected to support on-line distribution of future standards documents.