



External consultancy project outline for: IPTC News Architecture implementation into XML Schema

Document history				[Document URN: urn:iptc:workdoc:dir:0508:1]
Revision	Issue Date	Pages	Author (revised by)	Remark
1	2005-05-09	2	Laurent Le Meur and Michael Steidl	

1 Introduction

The IPTC intends to contract consultancy for implementing its News Architecture into XML Schema.

2 Scope of Work

(see also: section 3, Requirements)

- Reading and understanding the IPTC requirements as specified in documents listed under 3.1
- Implementing the IPTC requirements into a technical specification in W3C XML Schema. Particularly this is an implementation of
 - a generic News Architecture Framework for common components
 - the News Message
 - the Package Item
 - the News Item
 - the Topic Item
- Proving validation (Validation software to be defined)
- Creating a set of example XML instances as specified by the IPTC in a paper in 3.1
- Writing a concise technical documentation of all specified particles of the XML Schemas. Formatting and writing this documentation has to allow for automated generation of a documentation file.

3 Requirements and Dependencies

3.1 Input from the IPTC

- Model document for the News Architecture structure
- Model document and technical specification of the News Metadata Framework
- Processing model document for the News Architecture News Management
- Model document for the News Architecture Common Components

All model documents contain specifying information about the structures and properties to be implemented in XML Schema.

- A specification for a set of example XML instances to be delivered based on the XML Schemas.

3.2 Deliverables from the consultant

- set of W3C XML Schema files with internal documentation
- background information about design decisions made in the course of the implementation
- a written report about the proof of validation
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3.3 Timeframe

IPTC will deliver all documents listed in 3.1: Monday, 29 August 2005

The consultants have to provide deliverables as listed in 3.2: 30 September 2005

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