



IPTC AUTUMN MEETING 2005

held at the
Capitol Hotel Milan
Via Cimarosa 6, 20144 Milan (Italy)

24 to 26 October 2005

Minutes of the Standards Committee held on 23 & 26 October 2005

Document history				Document URN: urn:iptc:workdoc:sta:0509:1]
Version	Issue Date	Pages	Author (revised by)	Remark
1	2005-11-11	9 + 5	Michael Steidl/	

Present:

Chairman: * Henrik Stadler, Tidningarnas Telegrambyrå

* Walter Baranger, New York Times Company
 * Dave Compton, Reuters Limited
 * Honor Craig-Bennett, PA NewsLtd
 Takahiro Fujiwara, EAST Co. Ltd
 * Walter Grolimund, Keystone
 * Stéphane Guérillot, Agence France Presse
 Darko Gulija, HINA
 * Geoffrey Haynes, The Associated Press
 * Klaus Herwig, Deutsche Presse-Agentur GmbH
 Niels Hojer-Pedersen, Ritzau Bureau I's
 * Rudi Horvath, Austria Presse Agentur
 * John Iobst, Newspaper Association of America
 Hugh Johnstone, IPTC Editor
 Olli Kempainen, Oy Suomen Tietotoimisto
 George Landau, NewsEngin, Inc.
 * Dean Large, Business Wire
 * Laurent Le Meur, Agence France Presse
 Johan Lindgren, Tidningarnas Telegrambyrå

Harald Löffler, ifra
 Jayson Lorenzen, Business Wire
 Takis Mantis, ANA, Athens News Agency
 * Angelo Marrara, ANSA
 * John Minting, United Press International
 Hironori Mizoguchi, Kyodo News
 * Peter Müller, SDA/ATS
 * Stuart Myles, Dow Jones & Company
 * Hitoshi Saito, Nihon Shinbun Kyokai
 * Hiroshi Shinotsuka, Kyodo News
 * Charles Tichenor, The Associated Press
 * Tadashi Tsuji, Nihon Shinbun Kyokai
 Evi Varsou, Athens Technology Center S.A.
 * Misha Wolf, Reuters Limited
 As Guest:
 Paul Kelly, XML Team Solutions
 Pauli Tölli, Oy Suomen Tietotoimisto

Michael Steidl, IPTC Managing Director as Secretary

Note: Persons with an asterisk before their name are Nominated Members and eligible to vote at this committee.

1 Update on the progress of the Roadmap 2005 (23 October)

The chairman made a walk through the Roadmap 2005 Status document (STA0508.2).

Then he said the contribution of as many members as possible is crucial to achieving results in the near future.

To support the work of IPTC member representatives consultants were contracted for delivering an XML Schema for the News Architecture's basic structure and a consultant provided his advice on the News Metadata Framework.

Finally he pointed out it is important to follow the proceedings of the News Architecture (NAR) Working Groups on their Yahoo mailing lists and to be aware that the issues of the WGs are interdependent.

Geoffrey Haynes proposed to set up a procedure for reviewing the progress on the Roadmap to enable the IPTC to state where they are currently.



Darko Gulija pointed out much of the work is done in parallel but mainly by the same people. So it would not be possible to speed up things as long as only the less than a dozen member representatives contribute to the work.

Laurent Le Meur said it is not easy to tell how to speed up work. But there will be a change in the structure of the work as issues can be merged at a higher level.

Johan Lindgren questions whether all Common Components are required at the same time, he proposed to make timeline for developing components in the future months.

The Managing Director added saying finally all Common Components will be specified by a common library, hence at the time of its release all components have to be ready.

Laurent Le Meur said he thinks about defining a simplified stand-in for some complex components, like the rights component, to have a CoCo-Library specified soon – and to enhance them in future versions.

The chairman asked the members what they expect from this Autumn Meeting in terms of advancement.

Geoffrey Haynes said we need a timeline for the development process and to indicate where we are right now.

Laurent Le Meur said the overall design of the News Architecture is available.

The next steps is to elaborate on the technical details.

After that there will be an IPTC internal experimental phase for testing the work done so far.

Much of the work within the NAR is done in parallel by the different Working Groups.

Finally EventsML and NewsML should be able to build on the News Architecture.

The Managing Director pointed at the change of the experimental phase from being public to being internal. If the IPTC to have a public phase as well – and later – this will result in about 6 additional months until the final roll out of the new standards.

John Iobst said he thinks 8 weeks will be sufficient for a public experiment phase and the IPTC should think about explicitly inviting some companies to join this phase.

The chairman said a big “thank you” to all the members currently working on the development of the new standards.

2 Minutes of previous meetings (cont'd 26 October)

Minutes of meeting held on the 6, 7 and 8 June 2005 (STA0506.1)

It was proposed by Walter Baranger and seconded by Laurent Le Meur that the minutes be accepted as circulated. This was agreed unanimously.

Minutes of the telephone meeting held on 11th January 2005 (STA0501.1)

It was proposed by Walter Baranger and seconded by John Minting that the minutes be accepted as circulated. This was agreed unanimously.

3 Matters Arising

No major matters were arising from the minutes not covered by this agenda.

The chairman asked about the liaison from the EventsML group to the NMDF WG as Arnaud Descamp left RelaxNews and has to be replaced.

Johan Lindgren said the EventsML WG will discuss this and decide.



4 Chairman's report

The chairman most of the advancements in the standards development work of the IPTC was reported in item 1 of this agenda.

5 Branding of the IPTC news exchange standards

Walter Baranger reported from the Management Committee meeting which was held the night before:

Five brands were considered by the MAN: “News Wrapper”, “News Architecture”, “News Frame”, “News Bridge” and “News Shell”.

Finally it was considered as proposed by Alan Karben to adopt NewsML for the whole family of the new standards and not only for a single one. It was felt this brand is well known, has a growing reputation and the IPTC already owns this trademark. As other companies did this before, the IPTC should adopt it and tweak its meaning to the new scope. For the specific standards a suffix should be added to the base term “NewsML”.

Discussion:

Laurent Le Meur said he likes this idea as actually the whole “News Architecture” is about news – hence NewsML can't be wrong. He asked about the use of the suffix: “NewsML-Events”, “NewsML-Sports” ?

Walter Baranger considered EventsML and SportsML as being well known names hence it doesn't make sense to trim them and append them to NewsML – the IPTC shouldn't change them lightly.

He added the MAN has to approve any suffix, now group is allowed to apply one on its own.

Misha Wolf asked when this branding decision will be in action.

Walter Baranger responded saying the new branding should be applied just before the approval of the specifications.

Misha Wolf asked as there is already a NewsML – version 1 – how to disambiguate them, will the new version be called “NewsML-Next Generation” or “NewsML 2”?

Walter Baranger said the discussion was about the basic name and not about version numbers.

We can internally give a version number to it, but how this will be called for the public later has to be decided.

Johan Lindgren asked if there will be a “NewsML”-specification in general at all – as the specific standard will rely on the technical foundation of the News Architecture, but will never expose its specifications to the outside.

Walter Baranger said we should only identify the big chunks, not the details.

A first step is to separate the metadata values – which are called now “NewsCodes” – from the news exchange structure – which will be “NewsML” in future.

Then we can consider SportsML and EventsML as being specific instances of NewsML – like as NewsML can be considered to be an instance of XML.

Stuart Myles said a warning about a sort of ambiguity as it applies to the brand “Apache”: most people understand this is web server software – which is actually wrong as Apache is a family of software and only one of it is the web server.

The Managing Director said within the News Architecture there is already a content specific standard for general news currently called NewsML – what will this one be called in future? It was said this has to be considered.



6 IPTC Intellectual Property Policy document

John Iobst said he was working on this document but as his PC got broken a week ago he was not able to finish it. He will continue working on it after returning to the US and the Management Committee will discuss his draft on 1 December.

7 Report from the News Architecture Working Party

Laurent Le Meur reported from the Working Party's sessions:

7.1 NMDF

Two presentations on NMDF were given to members: a longer one during the NAR WP meeting and a shorter one during the News Codes WP meeting. The first of these brought members up-to-date with the NMDF work since the AGM. The second presentation fitted in well with the current desire to reassess the IPTC taxonomies.

Additionally, a lot of work on NMDF has been taking place in the bar. The NMDF Technical Specification is coming along well. We plan to issue a new public draft before the start of the forthcoming test period.

7.2 CoCo

After distributing CoCos to the members, we presented different aspects of the common components library. Next steps are:

- Work closely with NMDF and EventsML to make progress on the common components that have been suggested and are more or less discussed so far.
- Expand the framework-0.3 schema file with more common component constructs so we can have more examples with the experimental set of schemas.
- Find responsible people for the suggested common components that have no one responsible yet and get at least first version of discussion papers written for all suggested components.

7.3 NSTR

We detailed NAR Items, links, relationships between concepts, the idea of a semantic network of news, conformance levels, and the exchange message.

We described how IPTC WG should use the NAR model to create new IPTC standards.

We listed the current NSTR open issues.

We introduced the work of the NSTR consultants (Jay Cousins and Ulf Wingstedt) and presented the XML schema they produced, and samples of NewsItem and PackageItem one can create using these schemas

7.4 NMAN

We reviewed five requirements for NMG and NAR processing model

Two challenges stand out:

Clearly identified that many news providers (eg Dow Jones, Reuters, AP, TT) have a need for sophisticated management of stories that includes partial updates of previously published material and chains of takes (or story fragments) Equally, recipients of news have strong desire for simplicity of processing, at least some resistance to "partial" updates and a desire to be able to trace the changes to a particular news item



We requested that publishers provide whatever documentation they can on their existing news management practices (whether with NewsML or not) to the dev email list for News Management

7.5 General issues

MOTION from the NAR WP:

The IPTC will request IPTC members to test the draft News Architecture and provide written feedback during a period commencing on 1 December 2005 - after the release of new public drafts & xml schema - and ending on 15 February 2006 – so that the IPTC members can discuss the feedback at the spring meeting 2006.

We suggest experiments on:

- Test feeds (single & multimedia) – samples should be made available to the IPTC members
- Object oriented applications (using the NAR model)
- Persistence of news objects (e.g. in a relational database)
- Navigation between news objects
- Stylesheets converting NewsML1 to NewsML2

Processing of feed back:

- Members have to send comments to the NAR-dev list.
- Each editor of a NAR document, or section of, will maintain a record of formal open issues.
- The NAR WP will prioritize issues.
- Issues will be discussed on the NAR-dev list.
- Each editor will make formal proposals to the group.
- After decision (during a conf call), each editor will update the document he maintains.

VOTE: On vote by voice the motion was agreed unanimously.

8 Report from the News Content Working Party

Geoffrey Haynes reported from the Working Party's session:

8.1 SportsML

We heard a presentation from Alan Karben of XML Team:

- He reported the version 1.6 is now posted on the SportsML web site, as well as the Motor Racing DTD. Alan expects to present at the next meeting a 1.6 XML Schema for approval.
- XML Team will be using SportsML for the Winter Olympics and will be watching for instances where there are any gaps in the standard in representing Olympic events.

For future development:

There has been some interest in creating a plug-in DTD for cricket.

- 1) Flesh out further examples for SportsML for use within New Architecture
- 2) Begin information-gathering for SportsML 1.7
- 3) Provide more examples and continually improve documentation
- 4) Continue to develop SportsML Schema - Improve the granularity of controlled formats and vocabularies.

Later we heard a second presentation from Alan Karben with specific examples of how SportsML would fit into the news architecture. He provided several suggestions on the architecture and the NAR working party agreed to investigate them.



8.2 EventsML

We heard a presentation from Johan Lindgren of TT. We discussed the type of information that will be conveyed in the assignment item and coverage item. We discussed ideas about how to express partial time/dates and will study this further. We saw an analysis of EventsML elements and how they align with NAR to understand whether they are already covered in the NAR or are EventsML-specific. The next steps are to:

- 1) Make event:item examples from the old eventml samples using NAR-technology.
- 2) Build common components from the earlier draft eventsML schemas and the respective common component discussion papers.
- 3) Complete the spreadsheet that compare EventsML things and NAR-things (if they exist.)
- 4) Get the EventsML group active again and start discussing the open issues.

8.3 NewsML

Laurent Le Meur of AFP led a discussion on the NAR items and the new architecture. He provided an overview the package item, news item and the topic item and their intended uses and discussed how “links” between these items could be established.

We discussed the news item in some depth, including options for text markup:

- whether to specify a recommended markup such as XHTML, NITF or something yet to be develop such as a stripped down version of NITF like the ArticleML that Alan Karben described.
- Or an option to remain neutral on text markup within NewsML. We reached no conclusions other than to acknowledge there are different needs among the news providers for text markup.

8.4 ProgramGuideML

It was agreed to leave it as a release candidate. We would like to allow the new member of the IPTC, EBU, an opportunity to review it and suggest possible next steps. It was agreed that it likely would not be released as a standard in its present state, but would refitted to work the new architecture first.

8.5 Personal note

Geoffrey Haynes added a personal note:

He has taken new responsibility at AP which will be moving him away from the news standardisation work. Hence for the IPTC a new News Content Working Party chair is required.

He said thanks for all the contributions from member representatives to the work of the IPTC in the scope of the News Content Working Party which he has led for several years.

9 Report from the NewsCodes Working Party

John Minting reported from the Working Party’ session:

The News Codes WP has been asked at the last meeting to propose a definition for deprecating any topic of a set of NewsCodes. This was discussed and a motion is ready for approval.

MOTION from the Working Party:

Deprecation:

In a world that continues to change, there will be a continuing need to remove, relocate or replace existing terms in the IPTC Topic Sets.

In order to support legacy content items that may contain a topic set term/code that needs to be changed, the original term, its numeric code and explanation must remain as part of the topic



set, but must be labeled in the “Change Comment” field as “Deprecated – shall not be assigned after yyyy-mm-dd”.

VOTE: On vote by voice the motion was agreed unanimously.

John Minting continued reporting saying it was agreed on setting up a Working Group of the NCD WP for considering the future of the IPTC taxonomies, a first report should be expected at the Spring Meeting 2006.

10 Report from the NITF Maintenance Working Party

Charles Tichenor reported from the Working Party’ session:

- There were not major decisions made
- It was discussed to create an official XML Schema for NITF 3.3

11 Report from the NewsML1 Maintenance Working Party

Dean Large reported from the Working Party’s session:

- NewsML 1 has been approved as Japanese Industry Standard this summer
- The WP has recommended to work on a maintenance release of NewsML 1.x
- The experimental phase of the News Architecture should also result in outlining a migration path from NewsML 1 to the new set of standards.

12 Report from the Colour Space Task Force

The Taks Force lead Harald Löffler gave a presentation on the work on this issue over summer – see Appendix 1.

Discussion:

Dave Compton asked about a specific use case: of portions of a picture are auto-cropped from the original should the EXIF metadata be changed?

The chairman asked the members to provide more contributions to this work as this is important to a flawless workflow in many publishing companies.

13 Report from the XML Style Task Force

The Managing Director said as the moderator of this group there was only one change request since the last meeting but he expects some more from the work on the details of the XML Schemas for the new IPTC standards. Therefore a new version of the XML Stylebook should be available at the next meeting.

14 Report from the URN review Task Force

The Managing Director said as the moderator of this group he received not input for any changes – but he understands first some news management issues have to be clarified by the News Architecture developers and then a change will be proposed.



15 Report from the “IPTC Core for XMP”: translations

The Managing Director reported:

* Translations ...

... into Japanese and German: almost done

... into French and Spanish: assigned to JF Richard, AFP, under translation

* The true challenging technical issue of the translation are the different ways to apply translations in Adobe CS1 and CS2, this is currently under review by the Adobe contact Bob Scheffel.

* With the help of John Jobst a RDF-Schema is now available for the IPTC Core 1.0.

* He received requests to extend the Core 1.0 specifications and he proposed to extend the charter of this task force to developing a next version of the IPTC Core.

Geoffrey Haynes added the AP would like to see properties for people, locations and company names added to the IPTC Core.

Then it was discussed how to reconcile the metadata properties specified within the News Architecture and the IPTC Core.

Misha Wolf proposed to think about an “Images Working Party” to tackle these issues.

Walter Baranger proposed to make it a Working Group under an existing Working Party.

The chairman proposed to establish it under the News Content WP – as the scopes would fit together.

MOTION by Geoffrey Haynes:

Create a new Working Group under the auspices of the News Content Working Party to develop and maintain the “IPTC Core Schema for XMP” and to coordinate that work with the News Architecture Working Party.

This motion was seconded by Stéphane Guérillot.

VOTE: On vote by voice the motion was agreed unanimously.

Johan Lindgren pointed at the Adobe Photoshop CS2 which is delivered with the IPTC Core panels and he considers this as a great achievement by the IPTC to be present on the desk of the photographers.

16 Watching non-IPTC standards relating to the news business

The chairman gave a presentation on non-IPTC standards and initiatives relating to the news business – see Appendix 2.

He asked the Managing Director to maintain the list of events relating to IPTC work on the IPTC internal schedule page of the web site.

17 Standards requirements document template

Stéphane Guérillot said he will continue working on this template.

The Managing Director said the changed needs of the standardisation process should be considered – not a single template is required anymore, now templates for standardisation documents at different levels, this is business requirements, model and technical specifications, are required.



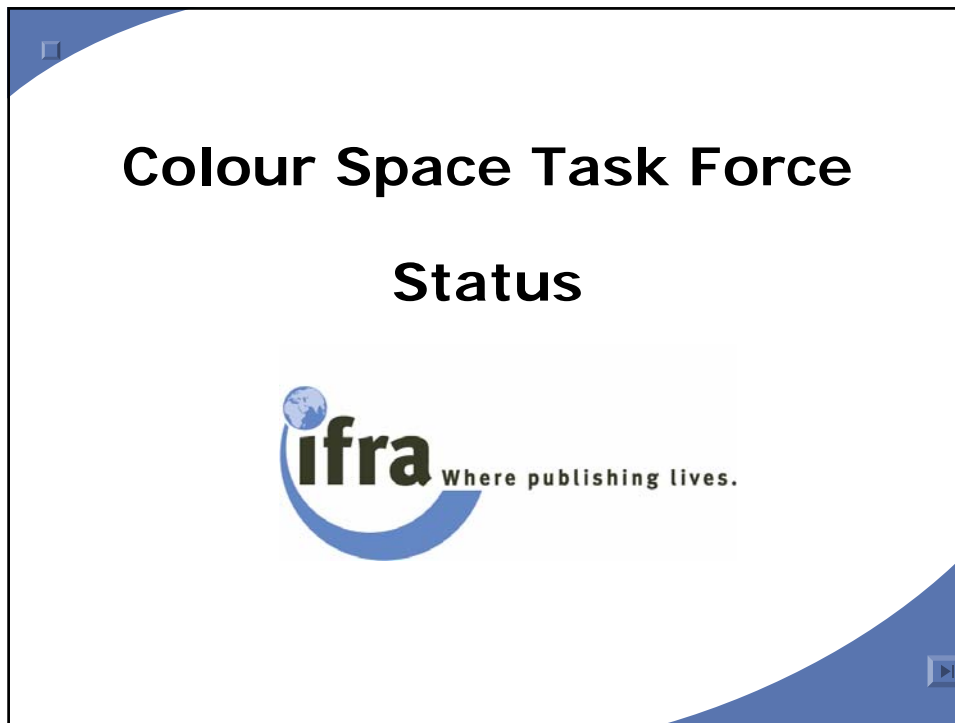
18 Any Other Business



There was no other business.

19 Date and Place of Next Meeting

27-29 March 2006, Vancouver (CAN), Marriott Pinnacle Downtown Hotel

Find Appendix →→




 

Mission

"In order to optimise and automate the colour image workflow at the newspaper's end the colour space must be transmitted with the news photo. The data is available through the digital camera's EXIF header information, but most news agencies strip the information before transmitting the news photo. As a first step the current status at the member news agencies shall be evaluated to decide about next steps at the next IPTC meeting in Milano."


3

This slide has a white background with blue curved accents in the top-left and bottom-right corners. In the top-left corner, there is a small icon of a grid of squares. In the top-right corner, there are two logos: the IPTC logo (a blue globe with 'IPTC' text) and the ifra logo (a blue arc with a globe icon and 'ifra Where publishing lives.' text). The word 'Mission' is written in a bold black font. Below it is a paragraph of text in a standard black font, enclosed in quotation marks. The number '3' is located in the bottom-right corner of the slide frame.




Action items

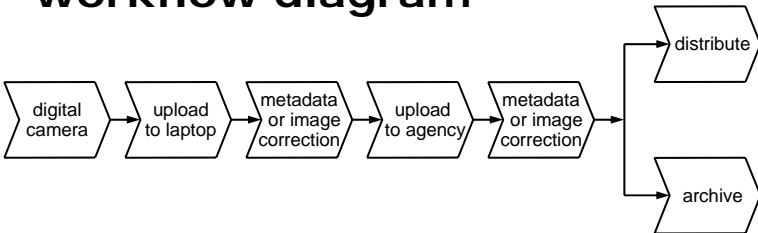
- Create Yahoo communication group
- At least one expert from each agency to join the task force
- Ifra
 - Upload draft of Ifra Special Report 2.40 for download and comment
 - Develop and distribute questionnaire to be answered by news agency experts
- News agency experts
 - Comment on SR draft
 - Answer questionnaire



4




Typical (idealised) workflow diagram



```
graph LR; A[digital camera] --> B[upload to laptop]; B --> C[metadata or image correction]; C --> D[upload to agency]; D --> E[metadata or image correction]; E --> F[distribute]; E --> G[archive];
```

- In all workflow steps EXIF metadata and colour space information may be lost
 - by accident or on purpose?
 - which cameras, communication software, image handling and archiving software are currently in use?



5




Statistics

- **15** individuals joined the group
 - 6 from associations, consultants, suppliers
 - 9 from news agencies
- representing **6** news agencies
- **Zero** comments on Ifra Special Report
- **One** questionnaire answered
 - A special "thank you" to Hiroshi Shinotsuka and Kyodo News
- **This not enough data for any kind of analysis**




6




What now?



- Publication of SR in December 2005
 - ➔ extension of deadline for comments until November 25
- Extension of deadline for questionnaire until December 23
 - urge all IPTC news agencies to attend
- Ifra will hold a seminar in March to create awareness and will
 - invite representatives from
 - camera manufacturers, software suppliers, news agencies, newspapers, associations
 - publish the results



7





In the standards domain.....



Summary

- Atom/RSS
- RDF
- PRISM
- OpenDocument
- XML Core
- XHTML, XFrames
- XQuery, XSL, XPath
- Other stuff
- Conferences
- Happening right now


ATOM/RSS

- The IETF Atom Publishing Format and Protocol (atompub) Working Group has published a sixth working draft of "The Atom Publishing Protocol," companion specification to "The Atom Syndication Format." The Internet Draft presents a protocol for using XML (Extensible Markup Language) and HTTP (HyperText Transport Protocol) to edit content. The Atom Publishing Protocol (APP) is an application-level protocol for publishing and editing Web resources.

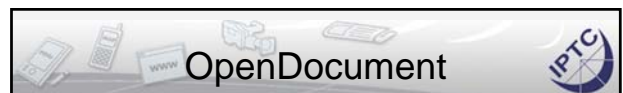
RDF

- Dan Connolly and Libby Miller of the Semantic Web Interest Group have published "RDF Calendar - an application of the Resource Description Framework to iCalendar Data" as an Interest Group Note. The Note is a report on the state of the art for integrating calendar data with other Semantic Web data used in social networking, syndicated content, and multimedia.





PRISM


- PRISM DIM2 (Publishing Requirements for Industry Standard Metadata, Digital Image Management Metadata), an IDEAlliance Working Group, has announced the availability of the first draft version of the PRISM Digital Image Management Metadata Encoding Guidelines Specification for public comment.
- PRISM V1.3 Released for Comment.

OpenDocument

- OASIS has submitted the OpenDocument Format OASIS Standard to the ISO/IEC JTC1 (International Organization for Standardization International Electrotechnical Commission's Joint Technical Committee) for further approval as a de jure standard. OpenDocument is an XML-based file format specification for office applications.
- Used in OpenOffice 2.0 and StarOffice 8






XML Core

- The World Wide Web Consortium released "xml:id Version 1.0" as a W3C Recommendation. The specification defines an attribute name, xml:id, that can always be treated as an identifier and hence can always be recognized, without fetching external resources, and without relying on an internal subset.
- A small software developer plans to seek royalties from companies that use XML, the latest example of patent claims embroiling the tech industry. Charlotte, N.C.-based Scientigo owns two patents (No. 5,842,213 and No. 6,393,426) covering the transfer of "data in neutral forms". These patents, one of which was applied for in 1997, are infringed upon by the data-formatting standard XML, Scientigo executives assert.
- Based on discussions with the XQuery and XSL Working Groups, the W3C Internationalization Core Working Group has released Working with Time Zones as a W3C Working Group Note. Time-related data is a common requirement for many applications. W3C XML Schema provides a variety of data types for dates and times, such as date, time, and dateTime. These data types follow internationally friendly formats defined by ISO 8601 and can be used to address a variety of differing date or time Applications.


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XHTML, XFrames

- The HTML Working Group has released an updated Working Draft of "XFrames." Replacing HTML frames, XFrames is an XML application for composing documents together in a view. Solving usability, search and security problems associated with HTML frames, XFrames are designed for content negotiation and to allow bookmarking.


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XQuery, XSL, XPath

- The XML Query and XSL Working Groups have released the following Working Drafts of XML Query 1.0, XSL 2.0, XPath 2.0 and supporting documents.

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Other stuff

- XLIFF = XML Localization Interchange File Format. OASIS standard. It has emerged as a standard interchange file format for localization-related data and metadata.
- Calsify, IETF initiative, Calendaring and Scheduling Standards Simplification.

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CONFERENCES

- 6-10 Nov, Fourth International Semantic Web Conference (ISWC 2005), Galway, Ireland
- 14-18 Nov, XML 2005 Conference and Exposition, Atlanta, GA, USA
- 27-29 March 2006, IPTC Spring Meeting, Vancouver, Canada
- 31 March 2006, News Standard Summit, Chicago, USA
- 1-4 April 2006, NEXPO 2006, Chicago, USA
- 16-19 May 2006, XTECH 2006, Amsterdam, Netherlands
- 2-6 July 2006, IPTC AGM 2006, Vienna, Austria
- 9-12 October 2006, IFRA Expo 2006, Amsterdam, Netherlands
- 16-18 October 2006, IPTC Autumn meeting, Madrid, Spain

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Happening right now !

- **Flock**, a firefox-based browser with tighter integration with Blogging, Feeds and Favorites.
- **Google Reader**, a web-based feed-reader.
- The software development team of buldocs Ltd. has announced the version 1.0 release of **xnsdoc**, a professional tool to generate documentation of W3C XML Schema in a JavaDoc like visualisation. Xnsdoc supports all common schema design practices like chameleon, russian doll, salami slice, venetian blind schemas or circular schema references. xnsdoc can be used from the command line, as an Apache Ant task, as an Apache Maven plugin, as an Eclipse plugin or integrated as a custom tool in many XML development tools, for example: Task for Apache Ant; Plugin for Apache Maven; Eclipse Plugin; Stylus Studio (DataDirect Technologies); XMLSpy (Altova); Oxygen XML Editor (SyncRO Soft); XML Writer (Wattle Software); JBuilder (Borland).
- **Google Moon**

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