IPTC SPRING MEETING 2006

held at the
Vancouver Marriott Pinnacle Downtown
1128 West Hastings Street
Vancouver, British Columbia V6E 4R5 Canada

27 to 29 March 2006

Minutes of the News Content Working Party held on 28 March 2006

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Version	Issue Date	Pages	Author (revised by)	Remark
1	2006-04-21		Michael Steidl/	

Present:

Chairman: Geoffrey Haynes, The Associated Press

Najeh Al-Dulaimi, KUNA
Khalid Al-Haqhaq, KUNA
Walter Baranger, New York Times Company
Scott Calder, Mainstream Data Inc.
Dominic Chan, CNW Group Ltd.
Dave Compton, Reuters Limited
Honor Craig-Bennett, PA NewsLtd
Jean-Pierre Evain, EBU
Willis Fong, Canadian Press
Takahiro Fujiwara, EAST Co. Ltd
Andy Gleeson, BBC Monitoring
Walter Grolimund, Keystone
Stéphane Guérillot, Agence France Presse
Darko Gulija, HINA
Niels Hojer-Pedersen, Ritzau Bureau I's
John Iobst, Newspaper Association of America

Hugh Johnstone, IPTC Editor
Alan Karben, XML Team Solutions, Inc.
Paul Kelly, New York Times Company
Hiroshi Kashima, Nihon Shinbun Kyokai
Dean Large, Business Wire
Laurent Le Meur, Agence France Presse
John Minting, United Press International
Stuart Myles, Dow Jones & Company
Fumiaki Nishino, Nihon Shinbun Kyokai
Hitoshi Saito, Nihon Shinbun Kyokai
Hiroshi Shinotsuka, Kyodo News
Henrik Stadler, Tidningarnas Telegrambyrå
Charles Tichenor, The Associated Press
Pauli Tölli, Suomen Tietotoimisto Oy
Rob Warner, Reuters Limited
Michael Wolf, Reuters Limited
Guowei Wu, Xinhua News Agency

Michael Steidl, IPTC Managing Director (MD) as Secretary

1   Minutes of the Meeting held on 24, 25 October 2005 (NCT0506.1)

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

2   Matters Arising

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

3   Chairman's report

- A conference call of the EventsML group was held in mid-March to discuss the latest development of the NAR and how this relates to the EventsML work.

- For SportsML the public discussion was held on the SportsML Yahoo group.

4   EventsML Working Group

The WG-Lead Johan Lindgren gave a presentation by internet connection – see Appendix.

Johan Lindgren explained the next steps of the EventsML work:
- after the release of the NAR documents and XML Schemas for the Experimental Phase 2 the group will start working on defining the specific structures for this standard.
- this requires more input from the IPTC membership – people once committed to the first steps of EventsML should commit themselves to the second phase of the development again.

5   "General News mark-up" Working Group

The WG-Lead Laurent Le Meur gave a presentation – see Appendix.

6   SportsML Working Group

The WG-Lead Alan Karben gave a presentation – see Appendix.

MOTION: The NCT WP requests the Standards Committee to approve the SportsML 1.7 XML Schema and DTD files as posted to sportsml.org/dev as official IPTC standards.
This was moved by Walter Baranger and seconded by John Iobst.

Discussion:
Darko Gulija asked if an XML Schema file can be considered as a reference file for a standard, at the past meetings it was said a specification file is needed first and then this specification is implemented into an XML Schema.
Alan Karben responded saying that the XML Schema file encompasses a rich documentation which perfectly meets the requirements for a specification document. Hence this file can be considered as containing both the technical specifications and the implementation at once.

VOTE: This motion was agreed unanimously.

Alan Karben continued his presentation with "SportsML and Olympics"

Then it was discussed how to deal with the WNPA format provided by the International Olympic Committee (IOC):
- it is rather low-tech (kind of plain-text format with separators)
- it includes several ambiguities
It was agreed to find out whom to approach for revamping this outdated format – and to introduce SportsML to the IOC.

7   IPTC Core (XMP) Working Group

The WG-Lead Michael Steidl gave a presentation – see Appendix.

Walter Baranger asked if and with what kind of feed back software vendors were invited to implement the IPTC Core.
Michael Steidl said he sent a notice with attached documentation to about 25 system vendors. Only a few said they are implementing or having already implemented Adobe's XMP – which is a prerequisite to implementing the IPTC Core. Some responded the will not XMP "yet" and some did not reply at all, even to a follow up email.

Is there a Java interface for accessing XMP and the IPTC Core available?
Michael Steidl said the current "XMP toolkit" does not contain a Java interface, only ones for C++ and C, but he expects Adobe will have one within this year.
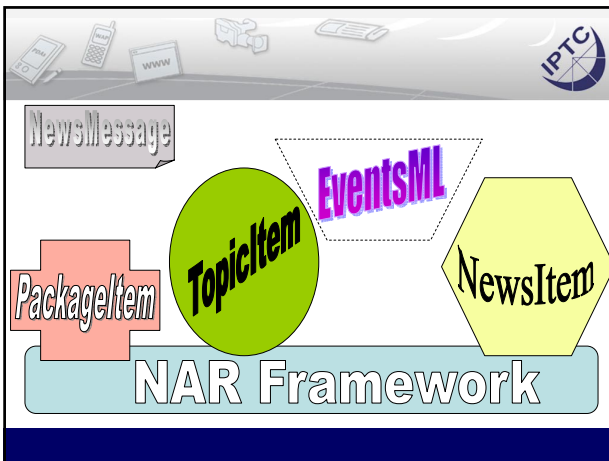
8   Any Other Business

There was no other business.

9   Date and Place of Next Meeting

Annual General Meeting, 3-6 July 2006, Vienna (Austria) at the Bristol Hotel.

=== END of document ===

Slide 1

NewsMessage

EventsML

TopicItem

PackageItem

NewsItem

NAR Framework

Slide 2

Event related - Common Components

Address
ContactInfo
Person
Location
Organisation
PartialDateTime

Slide 3

```
<address>
  <line>..</line>*
  <postalCode>..</postalCode>?
    (<city>..</city>?)
  <area>..</area>?
  <country code="...">...</country>?
</address>
```

Slide 4

```
<contactInfo role="....">
  <email>..</email>*
  <phone>..</phone>*
  <fax>..</fax>*
  <web>..</web>*
  <im>..</im>*
  <address/>*
</contactInfo>
```

Slide 5

```
<person>
  <born>..</born>?
  <died>..</died>?
  <gender>..</gender>?
  <name part=".." role="..">..</name>*
  <description>..</description>*
  <expertise>..</expertise>*
  <contactInfo/>*
</person>
```

Slide 6

```
<name>
  <intials>..</initials>?
  <prefix>..</prefix>?
  <given>..</given>?
  <middle>..</middle>?
  <family>..</family>?
  <suffix>..</suffix>?
  <full>..</full>?
</person>
```

1

Slide 7

```
<name>Marilyn Monroe</name>
<name role="scp:original">Norma Jeane Mortenson</name>
<name role="scp:baptismal">Norma Jeane Baker</name>
<name role="scp:married">Norma Jeane Dougherty</name>
<name role="scp:work scp:usual">Marilyn Monroe</name>
<name role="scp:work" part="pt:given">Marilyn</name>
<name role="scp:work" part="pt:family">Monroe</name>
```

Slide 8

```
<geoArea type="..">
    <type>..</type>?
    <name>..</name>?
    <gps>..</gps>?
    <altitude>..</altitude>?
    (Possible extension is square coordinates.)
</geoArea>
```

Slide 9

```
<POI type="..">
    <type>..</type>?
    <name>..</name>?
    <gps>..</gps>?
    <altitude>..</altitude>?

    <contactInfo>..</contactInfo>*      (with address)
    <direction>..</direction>*
    <locationDetail>..</locationDetail>?
    <openingHours>..</openingHours>?
    <capacity>..</capacity>?
    <commercialInfo>..</commercialInfo>?
    <facility>..</facility>*
</POI>
```

Slide 10

```
<organisation type="..">
    <dateOfFoundation>..</dateOfFoundation>?
    <dateOfDissolution>..</dateOfDissolution>?
    <type>..</type>?
    <name>.. </name>?
    <description>..</description>*
    <contactInfo/>* (with address)
    <location/>*
    <sector>..</sector>*
</organisation>
```

Slide 11

Partial Date & Time.

Proposal 1: profile of ISO8601   `<date1>2006-06</date1>`

- Pro: compact; smooth transition from ISO timestamps to partial dates
- Con: not allowed to skip high level parts.

Proposal 2: a data type made of a set of attributes
`<date2 year="2006" month="06" day="." time="." timezone="." accuracy="..."/>`

- Pro: flexible, skipping high level parts allowed
- Con: specific processing, additional to the required ISO timestamps processing.

Proposal 3: both values on one data type, with a precedence (eg on the element content)
`<date3 year="2006" month="06" day="." time="." timezone="." accuracy="...">2006-06</date3>`

- Pro: best of both worlds
- Con: worst of both worlds, dual processing, need to define a precedence when values are not synchronized.

Slide 12

EventsML (Information about events and coverage)

A collection of EventTopics (Topics the event is related to.)

A required EventItem (Information about the event itself.)

A collection of Participants (In the actual event [Persons])

A collection of Associations (Involved in the event [Organisations])

A collection of Locations (Where the event takes place [geoArea/POI])

A collection of Assignments (Details about the news organisations work with the event.)

A collection of Resourses (Persons and equipment the news organisation will use to support the assignments.)

EventItem

A **required** ID
A **required** Class
A **collection of** Topic (References to EventTopics.)
A **required** Schedule (Date(s) and Time(s) etc.)
A **required** Description (Similar to contentMeta)
A **required** Identification (Similar to administrativeMeta)
A **collection of** pointers to participants, locations etc.
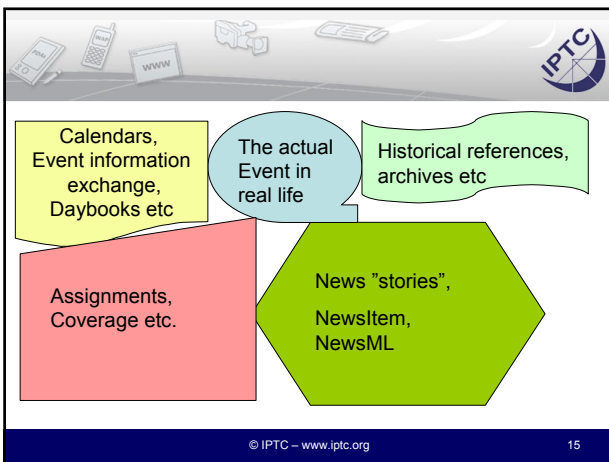A **collection of** EventItems (Sub-events of this event.)

AssigmentItem

A **collection of** AssignedTo
A **required** AssignedBy (with AssignedWhen)
An **optional** AssignmentStatus
A **collection of** TypeOfCoverage
An **optional** Deadline
An **optional** Slugline
An **optional** Priority
An **optional** StartDateTime
An **optional** EndDateTime
An **optional** Details
An **optional** Notes
A **required** Identification
A **collection of** Relationships to other events and/or assignments

Calendars, Event information exchange, Daybooks etc

The actual Event in real life

Historical references, archives etc

Assignments, Coverage etc.

News "stories", NewsItem, NewsML

3

News markup

News Content Working Party
Laurent Le Meur (AFP)
WG chairman, IPTC
Spring meeting, Vancouver / March 27, 2006

What it is?

- The standard of representation of general news:
  - Text articles
  - Audio clips
  - Illustrations (pictures, graphics, video clips)
  - Illustrated articles
  - Multimedia presentations (e.g .flash + video)
- Still looking for a name …
- The standard deals with general journalistic multimedia content, ie a representation of a point of view at a given time on some event.

Latest proposals

- Use a prefix NewsML2 plus a specific suffix
  - NewsML2:media or NewsML2:news
  - Scope of such a syntax could be either this standard only or all IPTC standards (NewsML2:events, NewsML2:sports?)
- Find an XxxML
  - Compatible with SportsML/EventsML
  - MediaML?
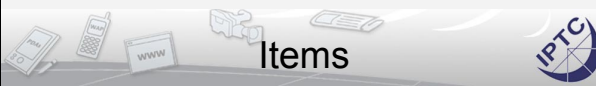 - Get back NewsML2, hijacked by *the family*

About media

- "Media, means of communicating information."
  - News media
  - Mass media
  - Multimedia
  - Cross media
  - Traditional and new media

Items

- News Item: THE object used for news markup; all processors must support specified profiles (metadata plus content)
- Topic and Package Item: naturally included "by reference". But not fully specified as part of the standard (a processor may ignore them).
  - Should we create a PackageML? A TopicML?
- Conformance levels: some content features maybe extended at the power level

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Text markup

- Conf call in December 2005.
- No existing markup fully covers the NAR requirements.
- Proposals
  1. Keep neutral
  2. Define a "core" NITF
  3. Use XHTML2 modules and extend if needed
  4. Create a new ArticleML
- Test planned by AP on evaluating a "core" NITF along with the NAR

Some examples

- News: NITF Text
- News: XHTML Text
- News: photo – IPTC logo
- News: video
- Package: a story, a photo and a video

- As you can see, much simpler than NewsML1 counterparts

Demo

- AFP: prototype of an editor
  - XML – object de-serialization
  - Processing of the Java object, using Eclipse RCP
  - Object – XML serialization

Other initiatives

- IPTC4XMP
- PAM and DIM2 (PRISM)
- Image Annotation on the Semantic Web

Next Steps

- Drafting a specification document
- Processing oriented: "How to implement"
  - A photo in multiple resolution, with IPTC4XMP compatible metadata
  - A vector graphic with a thumbnail
  - An audio clip with a logo
  - An illustrated article
- References to the NAR documents
- Need for a spec writer!

Slide 1

SportsML

www.SportsML.org

News Content Working Party
Alan Karben
XML Team Solutions
Vancouver, Canada / March 28, 2006

Slide 2 — Agenda

- SportsML 1.7: Ready for Vote
- SportsML & The Winter Olympics
- SportsML & Major League Baseball
- SportsML within NAR
  - Also known as…
    - NewsML-Sports?
    - NewsML/Sports?
    - NewsML+Sports?
- SportsML 1.8: What's On Tap

Slide 3 — SportsML 1.7

- http://www.sportsml.org/dev/

- http://www.sportsml.org/IPTC/SportsML/1.7/documentation/1.7-changes.html

- http://www.sportsml.org/dev/sportsml-1.7-distribution.zip

Slide 4 — SportsML 1.7 Additions

- Technical Improvements & Corrections to DTD and Schema
  - All simpleTypes now properly referenced
  - Schema targetNamespace & similar attributes all appropriately used
  - Fixed illegal content-model ambiguity
    - action-american-football-score?, action-american-football-score? is now action-american-football-score* in DTD.
      In Schema, it's: minOccurs="0" maxOccurs="2"
  - Documentation filled-in to greater extent

Slide 5 — SportsML 1.7 Additions

- Samples and DTD and Schema now all validate
  - Including SportsML file that contains embedded NITF article

```
<?xml version="1.0"?>
<!DOCTYPE sports-content SYSTEM "../sportsml-core.dtd">
<sports-content> ...
```

or:

```
<?xml version="1.0"?>
<sports-content
  xmlns="http://www.sportsml.org/schema/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://www.sportsml.org/schema/ ../sportsml.xsd"
  > ...
```

Slide 6 — SportsML 1.7 Additions

- Most DTD/Schema additions were the result of postings to SportsML Yahoo!Group, or of personally addressed emails
- Core Additions
  - Added abbreviation attribute to name element
  - Added to team-stats element:
    - time-played-total attribute (already present in player-stats)
  - Added to associate-stats element:
    - points attribute
  - Allowed standing element to be as an optional child of tournament-division

Ice Hockey Additions

- Add to stats-ice-hockey-offensive element:
  - goals-shootout-attempts

- Added to <stats-ice-hockey-defensive>:
  - goals-shootout-allowed
  - shots-shootout-allowed

- Added to <action-ice-hockey-score-attempt>
  - shootout-shot-order

Baseball Additions

- Added to <stats-baseball-offensive>:
  - games-played attribute

- Added to <stats-baseball-pitching>:
  - batters-total-against
  - sacrifice-bunts-allowed
  - sacrifice-hits-allowed
  - Interferences

- Other specific-sport additions recounted on change-list

SportsML 1.7 Action Items

- Motion to Vote
- Vote here in committee
- Vote in Standards Committee
- Authoring of website-friendly "What's New in 1.7" copy, and other web page adjustments
- Go-Live
- Highlights for any Press Release:
  - Now officially schema-compatible
  - Greater depth of statistical coverage, based on "proven in the field" feedback from user base

SportsML & Olympics

- Like with Athens:
  - XML Team hired by AP to process official Olympics "WNPA" feed
  - Produced html web-pages that were integrated into the websites of hundreds of U.S. newspapers
  - WNPA-to-WnpaML-to-SportsML-to-Database
  - Database Queries generated new SportsML
    - Then formatted into HTML
  - All using XSLT (except WNPA-to-WnpaML)
- Core SportsML elements and attributes used almost exclusively
  - Few "sport-specific stats" sent through over WNPA feed

SportsML & MLB

- Programmers at various Major League Baseball clubs recently formed "interest group" to grapple with **common data-processing issues**
- Taken a keen interest in SportsML, XTOSS Database, and RoSIN (play-by-play syntax)
  - http://www.xmlteam.com/baseball
- Actively programming code to transform feeds and use these technologies
- Formed the open "baseball-os" Yahoo!Group to discuss baseball standards
  - http://www.mlb.com
  - http://www.japanesebaseball.com

SportsML within NAR

- SportsML: The NewsML/Sports Component?
- Walk-through example presented in Milan resulted in some "NewsML 2" improvements
- Currently re-doing those document instances, and will post on SportsML.org (and NewsML.org?)
  - Worthy of mention in Press Release?
  - "Bringing new Packaging and Revision-Control Management to SportsML"?

SportsML 1.8?

- Johan: Creating new Curling plug-in
- Volunteers for Australian Rules Football plug-in
  - http://www.bigfooty.com – A Top-3 visited Football site
- Fill in more specific tennis statistics and actions
  - Result of XML Team's working with The Tennis Channel's online division
- Still need to pour through schema and make datatypes more specific
  - Change "assists" datatype from string to integer, for example
- More in-depth NAR/NewsML2 Cooperation

Next Steps

- Work to post SportsML 1.7
- Work on SportsML 1.8
- Work with NAR/NewsML 2
- Next meeting… in Austria

IPTC Core (for XMP) – next version (1.1, 2?)

NCT WP presentation
IPTC Spring Meeting 2006
Michael Steidl

Design goals

- Keep the focus on primary use for photography
- Add properties for <u>better describing photo content</u>:
  It was requested to (e.g.) …
  - extend the "Scene NewsCodes" – or create a new CV – to describe the visual key content: like "persons", "nature", "mountains", "city" …
  - add a property for emotions – and an appropriate CV
  - add a property for the persons in the picture
  - add a property for organisations related to the picture
- Do not add too much – keep the IPTC Core simple.
- Define a migration path between the IPTC Core and the NAR metadata structures.

Implementation goals

- Provide - and develop if required - easy to use user interfaces
- Work on mechanisms to let the user interface technology easily update IPTC NewsCodes.
- Provide an easy to understand documentation with examples.
- Provide translations.

Timeline

- Collecting requirements: before summer 2006
- Working on the specification: autumn 2006
- Working on the implementation: winter/spring 2007

Whom to involve:
- photo departments of IPTC members
- photo centric IPTC members
- Adobe & Adobe partners