



IPTC AUTUMN MEETING 2005

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

24 to 26 October 2005

Minutes of the News Content Working Party held on 24 & 25 October 2005

Document history				[Document URN: urn:iptc:workdoc:nct:0506:1]
Version	Issue Date	Pages	Author (revised by)	Remark
1	2005-11-11	5 + 10	Michael Steidl/Geoffrey Haynes	

Present:

Chairman: Geoffrey Haynes, The Associated Press

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
 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 Kemppainen, 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
 Henrik Stadler, Tidningarnas Telegrambyrå
 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

1 Minutes of the Meeting held on 7 June 2005 (NCT0504.1)

It was proposed by Walter Baranger and seconded by Henrik Stadler 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

The chairman said a conference call of the EventsML WG was held prior to the Autumn Meeting to discuss the current state of the work. It was agreed to review in detail how EventsML fits into the News Architecture, results from this will be shown later.



4 SportsML Working Group

Alan Karben, SportsML WG lead, was present by teleconference facilities. He showed a presentation – see Appendix 1.

Alan Karben reported having made public version 1.6 of SportsML on the web site. For this purpose he employed a new documentation generator which he explained in detail.

An additional plug-in for Motor Racing was made available with SportML 1.6.

Alan Karben said for SportML 1.6 the structure of the DTD was enhanced – to ease the transition to XML Schemas.

The chairman asked whether the Motor Racing Plugin is backward compatible.

Alan Karben said it is not backward compatible as it relies on the DTD structure.

Action ● It was agreed this not being backward compatible must be explained in the SportsML documentation, Alan Karben has to take action.

Additional plug-ins for SportsML 1.7: for Cricket and Wintersports (Olympic Games!)

Discussion regarding an official XML Schema for SportsML 1.7:

The chairman asked if the XML Schema will be up to the current DTD?

Then it was discussed how to relate DTD and XML Schema to each other. The XML Schema will always be more specific as it allows defining datatypes for elements and attributes while the DTD can't do this. It was also discussed when to release official XML Schemas for SportsML – already for the next version or only for a version fully in synch with the News Architecture. John Iobst said it was agreed to have only XML Schemas for all standards in the scope of the News Architecture.

Misha Wolf said if an XML Schema is required it should be created.

The Managing Director reminded of previous discussions where it was said the XML Schema has to take the lead in terms of specification as it is more specifying than a DTD, hence it has to be decided for a standard when to switch from DTD to XML Schema as the driving specification, we can't have them “in parallel”.

Laurent Le Meur said IPTC standards should be defined by a specification document and not an XML Schema as this is only one tool for expressing the specifications.

The Managing Director said the IPTC as standardisation body must provide an official XML Schema, we can't leave this to the individual implementer.

Laurent Le Meur asked what conversion tool should be used to make an XML Schema out of a DTD.

Alan Karben said he created his own tool as most of the details have to be set by hand.

Chuck Tichenor asked if the IPTC will vote on a V 1.6 XML Schema.

Alan Karben said there will be no V 1.6 XML Schema, only one for V 1.7.

The chairman asked who is using SportsML.

It was found this standard is primarily used in the US by AP and some of its clients.

Paul Kelly of XML Team added currently they are working primarily on Fancy Football leagues as this appears to be big business.

SportsML and the News Architecture

Alan Karben gave an extensive presentation on how SportsML can make use of the News Architecture – see Appendix 2.



Several issues were clarified between the News Architecture developer group and Alan Karben about technical details and semantics of properties.

The chairman felt this presentation was a great achievement in terms of reconciling existing standards and the new News Architecture.

Action ● Laurent Le Meur said as NAR WP chair he will put Alan's NAR Wishlist on the agenda of on of the upcoming NAR Conference calls.

5 NewsML Working Group

Laurent Le Meur, NewsML 2 WG lead, gave a presentation on the adoption of the News Architecture's NewsItem by NewsML 2 – see Appendix 3.

Laurent Le Meur concluded his presentation by pointing out NewsML 2 as being only a thin layer of specifications on top of the News Architecture but essential issues like the mark up of text has to be addressed by this standard.

He said currently two options are considered, NITF and XHTML. The "ArticleML" introduced by Alan Karben the other day is not under consideration.

Discussion:

Dean Large said BusinessWire will go with XHTML.

Walter Baranger said he is against adopting a standard for mark up which is not under control of the IPTC, hence he is against adopting XHTML. NITF was already the recommended mark up standard for NewsML1.

Laurent Le Meur proposed to think about not adopting the whole NITF structure but only the text markup in the body.content.

Walter Baranger said there is no need for doing this, the NITF syntax is well known. People at the New York Times would go mad with all the span tags in XHTML.

Stuart Myles asked which version of XHTML is under consideration. Laurent Le Meur replied this is version 2.

Misha Wolf said currently there are two completely different approaches to text mark up within the IPTC membership and he sees no chance to reconcile them.

Walter Baranger said the New York Times uses an editorial system of CCI Europe which has an internal structure very close to NITF – and nobody has any intention of switching.

Laurent Le Meur pointed out this discussion is about text markup and not about metadata structures.

Walter Baranger responded saying the New York Times is also requiring all wire services to be delivered with NITF text mark up – even Reuters does the transformation at its front end.

Misha Wolf added saying this is only done as a business requirement, not by design.

Chuck Tichenor said for the AP the IPTC choice for a text mark up can only be NITF – or being neutral.

John Iobst asked if the IPTC wants to undertake a project of a model implementation of XHTML in the NewsML 2 environment. If there is no recommendation how to use XHTML in NewsML he expects to have chaos.

Laurent Le Meur said it was intended by the NewsML WG to provide clear guidelines how to use XHTML with NewsML.



Chuck Tichenor asked whether the IPTC could differentiate between news story text markup and other text markup as sort of a compromise.

Laurent Le Meur said this would not help much as there is disagreement about a recommendation of NITF for news story text markup among IPTC members.

He added there must also be a clear recommendation to use only the text markup portion of NITF for NewsML 2 – but this can't be done now as the NITF specs are monolithic, adopting only the text markup would require a standalone XML Schema.

Walter Baranger asked how easily the NITF DTD/XML Schema could be split into a metadata portion and a text mark up portion.

Stéphane Guérillot reminded of the time of creating NITF: this standard should reflect IIM in XML. Hence the guideline for this split could be: any kind of structure already present in NewsML 2 should not be adopted from NITF.

Laurent Le Meur said as WG chairman he sees no clear consensus on this issue.

Darko Gulija proposed to undertake an effort to study the split of the NITF specs.

6 EventsML Working Group

Johan Lindgren, EventsML WG lead, gave a presentation of the current work on EventsML – see Appendix 4.

Discussion:

Discussion of the issue of “incomplete dates”: The intention is to allow diverting from full dates specific steps, like “year and month”, “year only”.

It was pointed out there are more datatypes subject to “incompleteness” than Date/Time like eg. phone/fax numbers, address lines etc.

Darko Gulija said it is required by the NAR to use a TopicItem for Events.

The Managing Director said there is no requirement like this – he proposed to the EventsML group to start for now with their own EventItem as the TopicItem specifications are not clear currently, so no guideline how to specify an Event-TopicItem.

George Landau asked about the thoughts of the group regarding reoccurring events.

Johan Lindgren said this is a very tricky issue, the EventsML group decided to consider this standard only for exchanging information between systems but not for building a full calendar. This has to be done by software receiving and processing an EventItem, it will convey information about reoccurrence which can be processed by this software.

He added the other tricky issue within EventsML are sub-events, like e.g. the specific sports competitions within the big event of the Olympic Games.

Regarding dates it was clarified only the StartDate is mandatory.

John Iobst asked about the thoughts on how to implement “As Soon As Possible” (ASAP)?

Johan Lindgren said this could be handled by applying the current year with an attribute saying this could be carried over to the next year.

7 ProgramGuideML: update

The Managing Director reminded the WP of the current status of ProgramGuideML: it was approved as “Release Candidate” in May 2004 (at the AGM in Hong Kong). This period expired in June 2005 and hence a decisions has to be made.



The chairman asked which members are interested in supporting ProgramGuideML in the future – no member represented by a delegate responded affirmatively.

Laurent Le Meur said ProgramGuideML is currently a mix of TVAnytime for details and NewsML 1 for the overall structure – which he considers not being a very good idea.

The Managing Director proposed to think about integrating TVAnytime into the News Architecture - the EBU may be interested in supporting this effort as they host TVAnytime.

The chairman asked which of the members present would be interested into doing this - no member showed interest. The chairman said before determining the fate of ProgramGuideML, he would like to give the EBU, the newest IPTC member, an opportunity to review ProgramGuideML and suggest possible next steps.

If the specification does move forward, it was agreed that it likely would not be released as a standard in its present state, but would refitted to work the new NewsML 2 architecture.

8 Any Other Business

There was no other business.

9 Date and Place of Next Meeting

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

Find Appendix →→

SportsML

Alan Karben
XML Team Solutions, Inc.
alan@xmlteam.com

Via Tele-Conference

October 24, 2005
Milan

<http://www.SportsML.org>

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Links

- <http://www.SportsML.org/dev/milan>
- ★ Download the PowerPoint Presentation
- ★ Join the Chatroom within the iptcmembers Yahoo!Group

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Agenda

- SportsML 1.6: Now Live
 - ◆ New Documentation Generator
<http://titanium.dstc.edu.au/xml/xs3p/online.shtml>
- Demo: Open Source DB Schema
- Next Steps / Open Forum

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SportsML 1.7 Fodder

- Further improvements to Schema
- Plug-in for Cricket?

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SportsML within NAR

- Still To Come... This afternoon (well, later this morning, for me)
 - ◆ Example of SportsML within Latest NAR Build
 - ◆ Example of SportsML within ATOM

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Next Steps / Open Forum

- Flesh out further examples for SportsML Use within New Architecture
- Begin information-gathering for SportsML 1.7
- Provide more examples and continually improve documentation
- Continue to develop SportsML Schema
 - ◆ Improve the "specificness" of controlled formats and vocabularies
- Next Meeting: Vancouver, March 27-29
- Open Forum

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SportsML & NAR

Alan Karben
XML Team Solutions, Inc.
alan@xmlteam.com

Via Tele-Conference

October 24, 2005
Milan

<http://www.SportsML.org>

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Links

- <http://www.SportsML.org/dev/milan/nar>

- Download the PowerPoint Presentation
- Download the Example Zipfile

- Join the Chatroom within the iptcmembers Yahoo!Group
 - <http://groups.yahoo.com/group/iptcmembers/chat>

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NAR Tutorial & SportsML Examples

- **Disclaimer!**
 - ◆ I haven't read all the messages on all the newsgroups
 - ◆ I've spent *some* time with the specs and samples, but not a ton of time
 - ◆ These draft specs have changed even yesterday, I'm told
 - ◆ All syntax is approximate
 - ◆ Suggestions for Draft 2 of the SportsML NAR Examples are welcome!

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NAR At-A-Glance

newsMessage	news:item	package:item	topic:item
sender	coco:itemMeta	coco:itemMeta	coco:itemMeta
transmissionId	coco:contentMeta	coco:contentMeta	coco:contentMeta
priority	newsMeta	root?	topicMeta
origin	--locationOfOrigin?	group*	--conceptId*
destination	content*	--link*	
channel	--characteristics	--itemMeta	struct
	--contentType	--contentMeta	
itemCollection	--format	--groupRef*	
(--size		
news:item	--(text		
package:item	struct		
topic:item	binary		
)*)?		

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<newsMessage> Outline

```
<newsMessage>
(message MetaData: <sender>, <transmissionId>, <dateOfTransmission>)
<itemCollection>
  <package:item>
    <itemMeta>
    <contentMeta>
    <package:root idref="ID000000"/>
    <package:group groupid="ID000000" mode="bag" role="post-game-package">
      <package:link>(for Preview)</package:link>
      <package:link>(for Matchup)</package:link>
      <package:link>(for Lineup)</package:link>
      <package:link>(for Box Score)</package:link>
      <package:link>(for Recap)</package:link>
    </package:group>
  </package:item>
  <news:item>(for Preview)</news:item>
  <news:item>(for Matchup)</news:item>
  <news:item>(for Lineup)</news:item>
  <news:item>(for Box Score)</news:item>
  <news:item>(for Recap)</news:item>
</itemCollection>
</newsMessage>
```

Zoom In: First <contentMeta>

```
<newsMessage>
(message MetaData: <sender>, <transmissionId>, <dateOfTransmission>)
<itemCollection>
  <package:item>
    <itemMeta>
    <contentMeta>
      <package:root idref="ID000000"/>
      <package:group groupid="ID000000" mode="bag" role="post-game-package">
        <package:link>(for Preview)</package:link>
        <package:link>(for Matchup)</package:link>
        <package:link>(for Lineup)</package:link>
        <package:link>(for Box Score)</package:link>
        <package:link>(for Recap)</package:link>
      </package:group>
    </package:item>
    <news:item>(for Preview)</news:item>
    <news:item>(for Matchup)</news:item>
    <news:item>(for Lineup)</news:item>
    <news:item>(for Box Score)</news:item>
    <news:item>(for Recap)</news:item>
  </itemCollection>
</newsMessage>
```

Zoom In: First <contentMeta>

```
<contentMeta>
  <created>2005-10-23T09:30:47.0Z</created>
  <infoSource>
    created="2005-05-11T12:34:56"
    code="url:xmlteam.com"
    type="scheme:code"
    why="iptc-infosource:distributor"
  >
  <title xml:lang="en">XML Team Solutions, Inc.</title>
</infoSource>
<title>Post-Game Content Package</title>
<description>Package containing game-related documents.</description>

  <subject
    code="subject:15000000"
    type="iptc:nc"
  >
  <title xml:lang="en">Sports</title>
</subject>

  <subject ...
```

<contentMeta>: Slew of <subject>s

```
<subject
  code="subject:15000000"
  type="iptc:nc"
  >
  <title xml:lang="en">Sports</title>
</subject>

<subject
  code="subject:15007000"
  type="iptc:nc"
  >
  <childOf code="iptc:sports"/>
  <title xml:lang="en">Baseball</title>
</subject>

<subject
  code="leagues:mlb.com"
  type="xts:league-key"
  >
  <childOf code="subject:15007000"/>
  <title xml:lang="en">Major League Baseball</title>
</subject>

<subject
  code="conferences:mlb.com-c.al"
  type="xts:conference-key"
  >
  <childOf code="leagues:mlb.com"/>
  <title xml:lang="en">MLB: American League</title>
</subject>

<subject ...
```

Zoom In: <package:link>

```
<newsMessage>
  (message MetaData: <sender>, <transmissionId>, <dateOfTransmission>)
  <itemCollection>
    <package:item>
      <itemMeta>
        <contentMeta>
          <package:root idref="ID000000"/>
          <package:group groupid="ID000000" mode="bag" role="post-game-package">
            <package:link> (for Preview) </package:link>
            <package:link> (for Matchup) </package:link>
            <package:link> (for Lineup) </package:link>
            <package:link> (for Box Score) </package:link>
            <package:link> (for Recap) </package:link>
          </package:group>
        </itemMeta>
        <news:item> (for Preview) </news:item>
        <news:item> (for Matchup) </news:item>
        <news:item> (for Lineup) </news:item>
        <news:item> (for Box Score) </news:item>
        <news:item> (for Recap) </news:item>
      </package:item>
    </itemCollection>
  </newsMessage>
```

Zoom In: <package:link>

```
<package:link
  coco:itemIdRef="Item.1"
  coco:role="sportsml-fixture-pre-event-coverage">
  <contentMeta>
    <created>2005-10-23T09:30:47.0Z</created>
    <infoSource>
      code="url:sportsnetwork.com"
      why="iptc-infosource:publisher"
      <title xml:lang="en">The Sports Network</title>
    </infoSource>
    <infoSource>
      code="url:xmlteam.com"
      why="iptc-infosource:distributor"
      <title xml:lang="en">XML Team Solutions, Inc.</title>
    </infoSource>
    <title>Pre-Game Preview</title>
    <description>Editorial preview of game.</description>
    <slugline coco:separator=",">mlb.previews.wseries.game1</slugline>
  </contentMeta>
</package:link>
```

Zoom In: <news:item>

```
<newsMessage>
  (message MetaData: <sender>, <transmissionId>, <dateOfTransmission>)
  <itemCollection>
    <package:item>
      <itemMeta>
        <contentMeta>
          <package:root idref="ID000000"/>
          <package:group groupid="ID000000" mode="bag" role="post-game-package">
            <package:link> (for Preview) </package:link>
            <package:link> (for Matchup) </package:link>
            <package:link> (for Lineup) </package:link>
            <package:link> (for Box Score) </package:link>
            <package:link> (for Recap) </package:link>
          </package:group>
        </itemMeta>
        <news:item> (for Preview) </news:item>
        <news:item> (for Matchup) </news:item>
        <news:item> (for Lineup) </news:item>
        <news:item> (for Box Score) </news:item>
        <news:item> (for Recap) </news:item>
      </package:item>
    </itemCollection>
  </newsMessage>
```

Zoom In: <news:item>

```
<news:item
  coco:guid="Item.1"
  xmlns:news="urn:iptc:std:news:1.0:mlns">
  <itemMeta>
    <itemMeta>
      <contentMeta>
        <news:newsMeta> <news:locationOfOrigin-Chicago</news:locationOfOrigin> </news:newsMeta>
        <news:content
          rendition="sportsml"
          href="http://webservice.xmlteam.com/getDoc?id=xt.90210-002-00001-preview"
        >
          <news:characteristics>
            <contentType>application/sportsml+xml</contentType>
            <format>application/xml</format>
            <size>3774</size>
          </news:characteristics>
          <news:struct> <!-- Inline SportsML would have gone here --> </news:struct>
        </news:content>
        <news:content
          rendition="xhtml"
          href="http://webservice.xmlteam.com/getDoc?id=xt.90210-002-00001-preview&stylesheet=sportsml2html"
        >
          <news:characteristics>
            <contentType>text/xhtml</contentType>
            <format>text/xhtml</format>
            <size>8912</size>
            <!-- Nice to add: generator -- which XSLT Engine processed Stylesheet that created this rendition -->
            <!-- Nice to add: profile, for which XSLT Stylesheet was used to created this rendition -->
          </news:characteristics>
          <news:struct> <!-- Inline XHTML would have gone here --> </news:struct>
        </news:content>
      </news:content>
    </itemMeta>
  </news:item>
```


Alan's NAR Suggestion Wishlist

- ◆ Some suggestions, since I can't be there discussing this and that, here and there.

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NAR Suggestion Wishlist

- **Disclaimer!**
- ◆ Plenty of these suggestions have probably been thrown around and discussed on the Yahoo!Groups and via phone calls / meetings
- ◆ So I'll allow that there'd likely be many compelling reasons to keep things Status Quo
- ◆ That said...

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NAR Improvement Wishlist

1. **Make the various :item's more Parallel**
 - ◆ Easier to explain & understand
 - ◆ Easier to code

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NAR @ Recent Spec

newsMessage	news:item	package:item	topic:item
sender	coco:itemMeta	coco:itemMeta	coco:itemMeta
transmissionId	coco:contentMeta	coco:contentMeta	coco:contentMeta
priority	newsMeta	root?	topicMeta
origin	--locationOfOrigin?	group*	--conceptId*
destination	content*	--link*	struct
channel	--characteristics	--itemMeta	
	--contentType	--contentMeta	
itemCollection	--format	--groupRef*	
(--size		
news:item	--(text		
package:item	struct		
topic:item	binary		
)*)?		

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Put top newsMessage elements into messageMeta

Organizing those elements unifies newsMessage with the :item's

newsMessage	news:item	package:item	topic:item
messageMeta	coco:itemMeta	coco:itemMeta	coco:itemMeta
sender	coco:contentMeta	coco:contentMeta	coco:contentMeta
transmissionId	newsMeta	root?	topicMeta
priority	--locationOfOrigin?	group*	--conceptId*
origin	content*	--link*	struct
destination	--characteristics	--itemMeta	
channel	--contentType	--contentMeta	
itemCollection	--format	--groupRef*	
(--size		
news:item	--(text		
package:item	struct		
topic:item	binary		
)*)?		

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Roll newsMeta/locationOfOrigin into contentMeta

It's just one property, sticks out like sore thumb, and can apply elsewhere

newsMessage	news:item	package:item	topic:item
messageMeta	coco:itemMeta	coco:itemMeta	coco:itemMeta
sender	coco:contentMeta	coco:contentMeta	coco:contentMeta
transmissionId	content*	root?	topicMeta
priority	--characteristics	group*	--conceptId*
origin	--contentType	--link*	struct
destination	--format	--itemMeta	
channel	--size	--contentMeta	
itemCollection	--(text	--groupRef*	
(struct		
news:item	binary		
package:item)?		
topic:item)*		

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Rename itemCollection to itemSet

itemSet is shorter, and the "set" term can readily apply to other elements

newsMessage	news:item	package:item	topic:item
messageMeta	coco:itemMeta coco:contentMeta	coco:itemMeta coco:contentMeta	coco:itemMeta coco:contentMeta
itemSet	content* --characteristics --contentType --format --size --(text struct binary)?	root? group* --link* --itemMeta --contentMeta --groupRef*	topicMeta --conceptId* struct

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Move <content>s into <contentSet>

Add originalIdRef attribute, to contentSet, which then enforces a single pointer

newsMessage	news:item	package:item	topic:item
messageMeta	coco:itemMeta coco:contentMeta	coco:itemMeta coco:contentMeta	coco:itemMeta coco:contentMeta
itemSet	contentSet (news:item package:item topic:item)*	root? group* --link* --itemMeta --contentMeta --groupRef*	topicMeta --conceptId* struct

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Move <group>s into <groupSet>

Add root attribute, which then points to the root group

newsMessage	news:item	package:item	topic:item
messageMeta	coco:itemMeta coco:contentMeta	coco:itemMeta coco:contentMeta	coco:itemMeta coco:contentMeta
itemSet	contentSet (news:item package:item topic:item)*	groupSet (group* --link* --itemMeta --contentMeta --groupRef* --(text struct binary)?	topicMeta --conceptId* struct

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Rename <topicMeta> and <conceptId>

topicMeta isn't really "Meta," it's really the substance of topic:item

newsMessage	news:item	package:item	topic:item
messageMeta	coco:itemMeta coco:contentMeta	coco:itemMeta coco:contentMeta	coco:itemMeta coco:contentMeta
itemSet	contentSet (news:item package:item topic:item)*	groupSet (group* --link* --itemMeta --contentMeta --groupRef* --(text struct binary)?	conceptSet (concept*)* struct

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Now That's Easy-to-Understand!

newsMessage	news:item	package:item	topic:item
messageMeta	coco:itemMeta coco:contentMeta	coco:itemMeta coco:contentMeta	coco:itemMeta coco:contentMeta
itemSet	contentSet (news:item package:item topic:item)*	groupSet (group*)*	conceptSet (concept*)* struct

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NAR Improvement Wishlist

1. **Make the various :item's more Parallel**
 - ◆ Easier to explain & understand
 - ◆ Easier to code
2. **Consider whether simple XML Schema Validation can be used to validate MetaData's controlled vocabularies**
 - ◆ Rather than demanding fancy Schematron scripting or a custom NAR engine

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Schema MetaData Validation

See `topic-schema.xsd` sample file

```
<enumeration value="1.mlb.com-4.6">
  <annotation>
    <appinfo>
      <cooco:concept
        creator="scheme.code"
        created="2005-05-11T12:34:56"
        type="scheme.code"
        why="scheme.code"
        >
      <childOf codes="subject:15007000"/>
      <sameAs code="scheme.code"/>
      <title xml:lang="en">Chicago White Sox</title>
    </cooco:concept>
    <sportsml:team>
      <team-metadata>
        <name first="Chicago" last="White Sox" />
      </team-metadata>
      <affiliation
        membership-type="conference"
        membership-key="1.mlb.com-c.al"
        membership-name="MLB: American League"
      />
    </sportsml:team>
  </appinfo>
</annotation>
</enumeration>
```

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NAR Improvement Wishlist

1. **Make the various :item's more Parallel**
 - ◆ Easier to explain & understand
 - ◆ Easier to code
2. **Consider whether simple XML Schema Validation can be used to validate MetaData's controlled vocabularies**
 - ◆ Rather than demanding fancy Schematron scripting or a custom NAR engine
3. **Call the whole banana "NewsML"**
 - ◆ It clearly aims to be a functional superset of NewsML 1.0
 - ◆ It's a great term to market.

10/31/2005

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Next Steps / Open Forum

- Flesh out further examples for SportsML Use within New Architecture
- Begin information-gathering for SportsML 1.7
- Provide more examples and continually improve documentation
- Continue to develop SportsML Schema
 - ◆ Improve the "specificness" of controlled formats and vocabularies
- Next Meeting: Vancouver, March 27-29
- Open Forum


10/31/2005

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NewsML2


Laurent Le Meur (AFP)
News Architecture WP chairman, IPTC
Autumn meeting, Milan / October 25, 2005



What is NewsML2?

- The standard of representation of general news:
 - Articles
 - Illustrations
 - Illustrated articles
 - Multimedia presentations (e.g .flash + video)
- Creating a standard =
 - Push people to implement the same feature the same way.


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How to use the model

- Specialized content WG will choose:
- Is it news?
 - Check structure and processing of NewsItem
 - Create a content class of NewsItem
- Is it knowledge?
 - Check structure and processing of TopicItem
 - Create a concept type of TopicItem
- Is it something different?
 - Derive a new item class from AnyItem
 - Ex: AssignmentItem (EventsML)


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NAR Items

- A set of simple object called Items.
- All managed the same way, all with the same sets of metadata.
- **PackageItem**: grouping of all kinds of Items.
 - Can include NewsItems, TopicItems or other PackageItems.
- **TopicItem**: knowledge -> representation of a concept, dedicated structure for each type.
 - Participates to the creation of an news related ontology
- **NewsItem**: news -> a news report , any media type, any format.

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NSTR: NewsItem

• Management properties

• Links to other Items

• Descriptive metadata

• Rights metadata

• Publication metadata

• Signature metadata

NewsItem

Content

Rendition (ex thumbnail)
Content characteristics

Content


Rendition (ex preview)
Content characteristics

Content

Rendition (ex high definition)
Original true
Content characteristics

Content: inclusion by value or by reference

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NewsML2

- We'll use ... the NewsItem
- Model the « article » (illustrated story) NewsItem.
 - Specify text specific characteristics
 - Specify a shared text markup (...)
- Model the « picture » NewsItem, and other types of *media objects*
 - Specify specific characteristics of each media type

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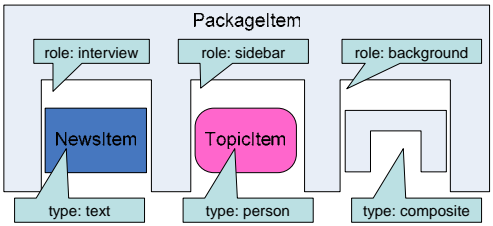
Links

- Links between *items*
 - A news item (e.g. a text) can be associated with another news item (e.g. other texts, pictures)
 - This may be an “attachment” link.
 - This may be a “navigation” link.
- Extended to links to any other resource (on the Web)

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NSTR: Packageltem

Recursive Groups = Ordered, unordered or alternative sets of items;
Inclusion of Items by reference, “hints” supported



The diagram illustrates the NSTR Packageltem structure. It shows a large container labeled 'Packageltem' containing three nested boxes. The first box is labeled 'Newsitem' with a callout 'type: text' and a role label 'role: interview'. The second box is labeled 'Topicitem' with a callout 'type: person' and a role label 'role: sidebar'. The third box is a composite structure labeled 'type: composite' with a role label 'role: background'. Arrows indicate the relationship between the roles and the items they contain.

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Conformance levels

- At least two levels of complexity
 - “core” profile
 - “power” profile
- Provision for provider defined extensions
- Some modules of the framework belong to the “power” profile
 - Ex. rights, signature, partial update.
- The “core” profile is as easy to learn as RSS or Atom... but do more from the start.
- The “power” profile offers top level features.

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Thank you for your time



IPTC Information
Technology
for News

Check: <http://www.iptc.org/dev>

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EventsML IPTC



CoCo NAR
Roadmap 2005
NMDF

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EventsML IPTC

EVENT

Event listings, Daybooks, calendars

Event item

Editorial planning

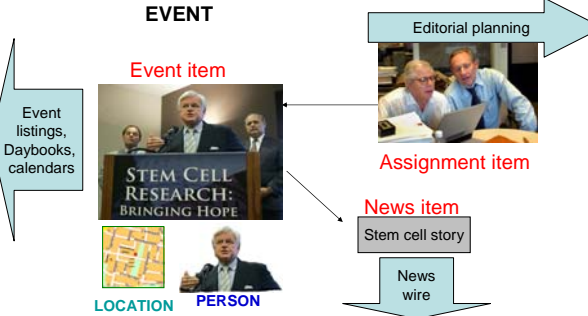
Assignment item

News item

Stem cell story

News wire

LOCATION PERSON



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EventsML IPTC

Person	Location	Affiliation
ContactInfo	Address	
Management	Description	
Identification	Administration	

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EventsML IPTC

```
<event:item xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:event="urn:iptc:std:event:1.0:xmInS"
xmlns:coco="urn:iptc:std:coco:1.0:xmInS"
xmlns="urn:iptc:std:coco:1.0:xmInS" coco:schema="1.0" coco:version="3"
coco:guid="String">
  <contentMeta>
    <created>2005-10-17T09:30:47.0Z</created>
  </contentMeta>
  <event:Event>
    <event:Schedule>
      <event:StartDate>2005-10-20</event:StartDate>
    </event:Schedule>
    <event:Location LocationType=""></event:Location>
  </event:Event>
</event:item>
```

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EventsML IPTC

```
<created>2005-10-17T09:30:47+0200</created>
<created>2005-10-17T09:30:47.0Z</created>
<created>2005-10-17</created>
<event:StartDate>2006</event:StartDate>
<event:StartDate>2006-00-00</event:StartDate>
<event:StartDate>2006-05</event:StartDate>
<event:StartDate
  event:year="2006"
  event:Month="05"
  event:Day=""/>
```


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EventsML IPTC

Assignment

- Assign editorial staff to events
- Assign resources to the staff assigned to the events.
- Instructions how to pursue the assignment
- Supporting material like archive information

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EventsML 

Coverage


Information to our customers

What will be covered

What will the result from the coverage be


When can it be expected

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EventsML 

Structure	In NAR	EventsML specific	Notes
Event		yes	
Identification	Management Co + Admin CoCo	no	
Description	Admin CoCo + Descr CoCo	Mostly not	except event specific descriptions,
Registration	no	yes	
SupportMaterial	no	yes	
Schedule	no	yes	

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EventsML 

```

<event:Item class="Planned">
<itemMeta><altId>NA_20040927_123</altId></itemMeta>
<contentMeta><created>2004-09-27T10:10:10</created>
<creator>Darren Elvie</creator>
<title>Press conference at the Ministry of the Economy, Finance and
Industry</title>
</contentMeta>
<event:Event>
<event:Type>Pressconference</event:Type>
<event:Schedule>
<event:StartDate year="2004" month="09" day="30"/>
<event:StartTime hour="10" minute="00" second="00"/>
</event:Schedule>
<location locationType="Office"></location>
</event:Event></event:Item>

```

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EventsML 

<http://groups.yahoo.com/group/iptc-eventsml-dev/>
14 members

<http://groups.yahoo.com/group/eventsml/>
89 members

Email: johan.lindgren@tt.se

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