


# NewsML2


Laurent Le Meur (AFP)  
News Architecture WP chairman, IPTC  
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## 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

Content

Content


Rendition (ex thumbnail)  
Content characteristics

Rendition (ex preview)  
Content characteristics

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: PackageItem

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

The diagram illustrates the structure of a PackageItem. It is a large light blue box containing three smaller boxes: a blue box labeled 'Newsitem', a pink box labeled 'TopicItem', and a white box labeled 'type: composite'. Above each of these boxes is a label indicating its role: 'role: interview' above Newsitem, 'role: sidebar' above TopicItem, and 'role: background' above the composite box. Below each box is a label indicating its type: 'type: text' below Newsitem, 'type: person' below TopicItem, and 'type: composite' below the composite box. The boxes are arranged in a way that suggests they are part of a larger, recursive structure.

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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

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