



NEWS Ontology II

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Abstract: We present here a second version of the NEWS Ontology. In this second version we have reviewed the Content module and multilingual aspects. We include in this deliverable as an annex documentation of the classes and properties defined in the content module.

1	INTRODUCTION.....	3
2	REVISION OF THE NEWS ONTOLOGY CONTENT MODULE.....	3
2.1	REPRESENTATION LANGUAGE	3
2.2	REVISION OF CONCEPTS IN THE ONTOLOGY	4
2.2.1	News Event Model in the NEWS Ontology	5
2.2.2	Other classes and properties in the content module: discussion	7
3	MULTILINGUAL ASPECTS	8
4	CONCLUSIONS.....	10
5	REFERENCES.....	10
A.	NEWS ONTOLOGY CONTENT MODULE DOCUMENTATION.....	11

1 Introduction

In this deliverable we present a second version of the NEWS Ontology. We have taken into account the experience gained during the first year of the NEWS project together with some recommendations of the reviewers to make some changes and extensions of the NEWS Ontology.

The main goal of this second version is to make the NEWS Ontology customizable. This goal is achieved by:

1. The Management Metadata module is interoperable with the IPTC [IPTC] standards NewsML [NewsML] and NITF [NITF] (see D2.3)
2. The Categorization module follows the IPTC Subject Codes [NewsCodes] standard
3. The Content module will contain only a set of core concepts that could be extended according to each News Agency needs (see section 2 of this deliverable)

In this revision we decided to leave untouched the Management Metadata module and the Categorization module. They are based on IPTC standards, so they should only be changed if these standards change. Therefore, we concentrate on the revision of the Content module (section 2) and multilingual aspects (section 3).

2 Revision of the NEWS Ontology Content module

We divide this section in two parts. The first subsection deals with representation language requirements taking into account scalability and expressiveness. The second subsection presents the concepts (classes and properties) available in the second version of the NEWS Ontology Content module.

2.1 Representation language

The question of which are the requirements with respect to the representation language for content annotation of news items is too complex to be answered in a single statement. As starting point we can examine the following facts:

1. A news item can refer to any known concept, therefore an Ontology for the news domain should model the whole world.
2. A News Agency deals with huge amounts of content, therefore a content management system that stores News Agency content should be very efficient.

Clearly, the above facts are contradictory (apart from the fact that developing an Ontology that models the whole world requires infinite resources), because of the well known trade off in knowledge representation languages between expressiveness and complexity.

A trade-off is needed, and can be found analysing the user requirements. First, in D1.1 it is said:

- NEWS Ontological annotations must identify real world entities such as people, organizations, locations and happenings/events with properties and relations that characterize the entities' attributes and role in their context.
- NEWS query and inference service based on RDF metadata annotations must have a good response when using big amounts of information (EFE).

Based on our experience, the use of inference engines (either Horn logic or DL reasoners) over instances in big knowledge bases is time expensive and not scalable.

Therefore, the use of inference engines (in our case, TRIPLE) should be restricted to query expansion.

However, rules defined in the ontology could be efficiently used to implement predefined queries by means of imperative algorithms. For instance, assuming that the ontology contains a rule that states that if organization A is suborganization of organization B and organization B is suborganization of organization C then organization A is suborganization of organization C, it would be possible to write down an imperative algorithm that could answer the question “tell me the suborganizations of organization X”, taking into account the above mentioned rule. The use of this kind of mechanisms is not foreseen in the NEWS project, but they could be implemented in a customized version of the NEWS system, according to the needs of a specific NEWS agency.

In conclusion, we have decided to restrict the use of the ontology for:

1. Query expansion over the tree of classes of the category and content modules of the NEWS Ontology
2. Multilingual support (see section 3)

This leads us to a pure RDF Schema lightweight ontology. The second version of the NEWS Ontology will provide a taxonomy of classes (with associated properties) to represent basic concepts that can occur in a news item: locations, persons, organizations and so on. The main extension here is the definition of a detailed concept of event which was not present in the first version. This and other changes that have been made are detailed in section 2.2.

2.2 Revision of concepts in the Ontology

The experience gained during the time the NEWS project has been running has shown us the importance of the customization of the data models used by the News Agencies. Despite the use of standards like IPTC NewsML and NITF, each News Agency, for cultural, environmental and internal reasons, wants to define its in-house data models. The fact that NewsML and also NITF provide a general framework where many optional and user-defined metadata are available is just a reflection of this fact. The IPTC designed these standards being aware of this customization needs and that is the reason of so flexible standards.

Therefore, we have decided to follow a similar strategy for the NEWS Ontology Content module. We have decided to define a core Content module. Each News Agency could adapt it to its needs by adding classes, properties and/or instances. The Content module will ensure at certain degree interoperability between different News Agencies in the same way that NewsML and NITF do, because the classes defined by the News Agencies should be linked to the classes in the core Ontology.

The core Ontology will be based on SUMO and MILO. Basically what we have done is to review the first version of the NEWS Ontology, taking into account the experience gained in the NEWS project and the requirements of the News Agencies.

We want our NEWS Ontology Content module to be general so to make it useful for any News Agency. Therefore, we made an additional pruning of the first version of our Ontology, to select those classes and properties that represent concepts of common use in the news domain. We also added some new concepts whose need was detected.

As we have said, we want that each News Agency could adapt the NEWS Ontology to its needs. For that task it would be needed to have appropriate tools. Although this topic will be dealt with in deep in D2.6, we foresee that the addition of new properties and classes could be done by means of public available ontology editors like Protegé [Protegé] or InferEd [InferEd]. However, the creation of new instances will require the development of

a specialized tool, because they will be created during the process creation workflow. More details on this will be described in deliverable D2.6.

The rest of this section is organized as follows. First we present the model that we have developed for news events. This is the main novelty in the second version of the Ontology. Then we will present the rest of the NEWS Ontology content module, with a discussion on which classes and properties are kept and which are removed compared to the first version of the NEWS Ontology.

2.2.1 News Event Model in the NEWS Ontology

An event in the news domain is defined as “something that happens and is subject to news coverage” (according to the IPTC EventsML 1.0 Business Requirements Specification, draft 4). Of course, materialising this definition in concrete mechanisms to identify events is difficult. In NEWS we propose to identify an event as a set of SPO structures (subject, predicate, object), where the subject and the object are a set of instances of the NEWS ontology (e.g. Bush junior, Bush senior) plus (possibly) a number of instances occurring in the news item and that are relevant with respect to the event. The predicate is a property of the NEWS ontology which interconnects the subject and the object set in a semantic meaningful relation. The SPO describes a relevant event described by the news item. A timestamp can provide also information about the date of occurrence of the event.

To give an example:

```
Timestamp:      20051102
Subject:        Autonomy Inc. (Ontology Instance ID85663)
Predicate:      Buys (Ontology Property ID34221)
Object:         Verity Inc. (Ontology Instance ID74563),
                Google Inc. (Ontology Instance ID45288)
```

In practice, we expect that most events could be classified according to a number of event types. Each event type will have associated one or several compatible news item categories, and could be matched with one or several patterns. A pattern is composed of one or several properties and/or instances in the ontology that should occur in the news item. From the property itself plus domain and range information, a property could be matched to a relevant SPO in the news item. This provides a mechanism to identify event types.

Example of Event Type:

```
Label:          Company acquisition
SRS Category:   Economy
Pattern:        Content:buyCompany
Domain of      Content:buyCompany:  Content:Company
Range of       Content:buyCompany:  Content:Company
```

A matching with the above mentioned event will find that the SPO “Autonomy Inc. Buys Verity Inc.” matches with the pattern `Content:buyCompany`.

News events are modelled in the Ontology by means of the class `Content:NewsEvent`, subclass of class `Content:Process`. An event can have an associated type, of class `Content:NewsEventType`. Hierarchies of event types could be defined by defining subclasses of `Content:NewsEventType` if necessary. The type of an event is defined by means of the property `Content:hasEventType`. Properties are provided to define the instances, SPOs and timestamp of a news event (see the content module documentation annex).

For a news event type (instances of class `Content:NewsEventType`) we can define the compatible categories by means of the property `Content:hasCompatibleCategory` and a number of patterns that would allow to identify the event type (property `Content:hasPattern`). For each pattern (instance of class `Content:NETPattern`) we can define one or several instances and/or properties that compose the pattern.

The following table shows an RDF example of an event of type "Company Acquisition" consisting on the acquisition of "RedHat Inc." by "Microdoft Inc.". The same RDF graph is also graphically represented at <http://www.it.uc3m.es/luis/NEWS/EventExample.gif>.

```
<?xml version='1.0' encoding='UTF-8'?>
<!DOCTYPE rdf:RDF [
<!ENTITY core 'http://www.w3.org/2004/02/skos/core#'>
<!ENTITY instance
'http://www.news-project.com/Ontology/NEWSContentInstance#'>
<!ENTITY iptc_subject
'urn:newsml:iptc.org:20001006:topicset.iptc-subjectcode:15#'>
<!ENTITY Content 'http://www.news-project.com/Ontology/Content#'>
<!ENTITY rdf 'http://www.w3.org/1999/02/22-rdf-syntax-ns#'>
<!ENTITY rdfs 'http://www.w3.org/2000/01/rdf-schema#'>
]>
<rdf:RDF xmlns:Content="&Content;"
xmlns:core="&core;"
xmlns:instance="&instance;"
xmlns:iptc_subject="&iptc_subject;"
xmlns:rdf="&rdf;"
xmlns:rdfs="&rdfs;">
<Content:NewsEventType rdf:about="&instance;NET97000001">
<core:prefLabel xml:lang="en">Company
acquisition</core:prefLabel>
<!-- Economy category -->
<Content:hasCompatibleCategory
rdf:resource="&iptc_subject;sr04000000"/>
<Content:hasPattern rdf:resource="&instance;NETP97000002" />
</Content:NewsEventType>

<Content:NETPattern rdf:about="&instance;NETP97000002">
<Content:NETPatternHasProperty
rdf:resource="&Content;buyCompany" />
</Content:NETPattern>

<Content:NewsEvent rdf:about="&instance;NE97000003">
<Content:hasEventType rdf:resource="&instance;NET97000001" />
<Content:has_SPO rdf:resource="_:1" />
</Content:NewsEvent>

<rdf:Statement rdf:about="_:1">
<rdf:subject rdf:resource="&instance;org92003656" />
<rdf:predicate rdf:resource="&Content;buyCompany" />
<rdf:object rdf:resource="&instance;org92004573" />
</rdf:Statement>

<Content:Corporation rdf:about="http://www.news-
project.com/Ontology/NEWSContentInstance#org92003656">
<core:altLabel>MSFT</core:altLabel>
<core:definition>Microsoft Corporation</core:definition>
<core:prefLabel>Microsoft Corporation</core:prefLabel>
</Content:Corporation>

<Content:Corporation rdf:about="http://www.news-
```

```
project.com/Ontology/NEWSContentInstance#org92004573">
  <core:altLabel>RHAT</core:altLabel>
  <core:definition>Red Hat, Inc.</core:definition>
  <core:prefLabel>Red Hat, Inc.</core:prefLabel>
</Content:Corporation>
</rdf:RDF>
```

2.2.2 Other classes and properties in the content module: discussion

Here we present a short discussion about the classes and properties selected for the second version of the NEWS Ontology Content module. This section is divided in two parts: first we discuss what we keep in the NEWS Ontology and then we discuss what has been removed.

In annex A we present the documentation of all the classes and properties that compose the NEWS Ontology Content module.

2.2.2.1 Parts of the content module that remain

We keep the first two levels and part of the third level (the subclasses of `Content:PhysicalContent:Object` and `Content:Process`) of the original SUMO Ontology unchanged to make very easy to make future addition of classes to the Ontology and as a top level structure of the Ontology. We removed part of the subclasses of `Content:Abstract` for two reasons: 1) some of them seem not needed in the news domain (`Content:SetOrClass`, `Content:Relation`, `Content:Graph` ...) and 2) they are used in SUMO as part of the underlying semantics, but we are using RDF and RDF Schema for that purposes.

We keep the Classes in SUMO that correspond to basic entities of interest of the News Agencies: locations (`Content:Region`), persons (`Content:Human`) and organizations (`Content:Organization`), together with relevant subclasses.

We keep the class `Content:ContentBearingObject` that represents the class of objects that express content and its subclasses that represent concepts commonly used in news items: `Content:Agreement`, `Content:Book`, `Content:Certificate`, ... including the class `Content:NewsItem` itself.

We keep the class `Content:GroupOfPeople` together with classes of groups of people that can appear often in news items: `Content:AgeGroup`, `Content:EthnicGroup`, `Content:BeliefGroup`, `Content:CountryNationals`.

We keep the class `Content:Artifact` together with two common concepts in news items: `Content:Building` and `Content:Product` (for instance, in economy news items).

We also keep the class `Content:Drug` and its superclass `Content:Substance`.

Finally, we also keep a few subclasses of `Content:Abstract` for representing addresses, functions or social roles, units of measure and the ternary predicate `Content:FunctionPredicate` that relates a person with the position or function that person occupies in an organization.

2.2.2.2 Parts of the first version of the content module that have been removed

In addition to the time and units of measure modules that have been removed because they can be implemented with imperative algorithms, the following parts of the content module have been removed. Examples of that are these:

- All subclasses of the `Content:Process` class that were taken from SUMO, because they are related to physical, chemical, geological or biological changes and are not interesting for the news domain.
- Some classes that were located at intermediate levels and are not relevant for the news domain. An example is the class `Content:Human`. In the second version of the content module this class is direct subclass of `Content:Agent`. We have removed several intermediate subclasses as `Content:Hominid`, `Content:Animal` and so on.
- We have removed some subclasses of `ContentBearingObject` according to their relevance for the news domain. For instance, we have removed the classes `Content:Identifier`, `Content:Icon`, etc., but we have kept the classes `Content:NewsItem`, `Content:Book` (a book can be mentioned in a news item), etc
- We have removed most subclasses of `Content:Abstract`, like `Content:Number`, `Content:Quantity`, etc.

In summary, we have removed all the concepts that do not often occur in a news item. Of course, as we have already said, news agencies will be able to add classes to the content module according to their needs.

With properties we have followed a similar approach. For instance, we have removed all properties that have as domain or range classes that have been removed from the ontology. The core of the properties available in the second version of the content module is composed by those whose domain and range are (sub)classes of `Content:Region`, `Content:Organization` and `Content:Human`, which are the classes that map to the entities that the annotation tool can recognise and the most relevant for the news domain according to news agencies requirements (as stated in deliverable D1.1).

3 Multilingual aspects

Following the experience gained during the first year of the NEWS project, together with some remarks made by the reviewers at the first NEWS Project Review, we decided to modify the set of properties defined in the NEWS Ontology for multilingual support.

First of all, we revisit the expected uses of such properties:

- Language independent queries. A user could make a query using terms in one language and find news items that contain those terms in the same or other language.
- Disambiguation of queries. A user wants to find news items in which a given instance appears (for instance the user is interested in Rome, the capital of Italy). The user enters the word "Rome" in her query. However two instances that match with Rome are available: Rome the capital of Italy and Rome a city in the state of Georgia (USA). The system should present to the user a description of both instances so she can choose.
- Disambiguation of entity annotations. A news item is processed at the Annotation and Categorization System, developed by Ontology Ltd. As a result, the named entities are tagged. The news item is then sent to the HDDB, where an instance matching and disambiguation process is performed to match the named entities in the news item with the instances in the ontology.

To meet these three goals we have decided (according also with other initiatives like SKOS [SKOS1, SKOS2, SKOS3], see below) to define three properties:

- Preferred label: this is the label that will be shown to the user as representation of an instance. For each instance and language there should be at most one preferred label. It is not forbidden that two instances have the same preferred label, although this situation should be avoided.
- Alternative labels: these are alternative names that could be used to represent an instance. It plays a similar role as synsets in EuroWordNet. For each instance and language there could be many alternative labels. It is allowed without any restriction that two instances have alternative labels in common.
- Description. A description is one or several natural language sentences that describe an instance, so that it can be perfectly identified. For each instance and language there should be only one description. It is forbidden that two instances have the same description.

These properties will be used as follows:

- Language independent queries and disambiguation of queries. Whenever a user introduces in the query GUI one term to identify an instance, the term is sent to the HDDB, where the term will be matched against the preferred and alternative labels. For each matching, the GUI will show the preferred label. If the user is not sure, she then could ask for the description of some instances. Then she will decide which the instance she is interested is.
- Disambiguation of entity annotations. The preferred and alternative labels will be matched against the tagged entities as part of the instance matching and disambiguation process.

One of the rules we have followed in the design of the NEWS Ontology is the use, whenever possible, available standards. Therefore, we looked to the W3C SKOS (Simple Knowledge Organization System) Core initiative. SKOS Core provides a model for expressing the basic structure and content of concept schemes (thesauri, classification schemes, subject heading lists, taxonomies, terminologies, glossaries and other types of controlled vocabulary). As part of the work of the SKOS Core, a SKOS Core Vocabulary Specification is being defined. The SKOS Core Vocabulary Specification is since 10 May 2005 a Working Draft.

We looked to the SKOS Core Vocabulary Specification and found that they have defined the properties we need, so we decided to use them in the NEWS Ontology. These properties are defined as follows:

Name	URI	Description
altLabel	http://www.w3.org/2004/02/skos/core#altLabel	An alternative lexical label for a resource.
prefLabel	http://www.w3.org/2004/02/skos/core#prefLabel	The preferred lexical label for a resource, in a given language.
definition	http://www.w3.org/2004/02/skos/core#definition	A statement or formal explanation of the meaning of a concept.

We have populated the content module with about 10000 instances with their multilingual labels and definitions attached, including:

- All the countries that have an ISO code
- All the capitals of those countries plus many of other main cities around the world
- All the current heads of state of those countries

- All the functions/social roles available at EuroWordNet
- All the companies at NASDAQ

We have obtained those instances (plus the multilingual information) by using EuroWordNet and Web crawling. We have explored the use of other resources like the results of the NAMIC project. However, in the case of NAMIC, both ANSA and EFE (they were partners of the NAMIC project) have not been able to provide the NAMIC knowledge bases to the NEWS project and it seems that they are not publicly available.

4 Conclusions

This deliverable has presented a new version of the NEWS Ontology. The new version has been designed with two goals in mind: to address the issues that have been detected during the first year of the NEWS project and to make the NEWS Ontology highly customizable to each News Agency needs. As part of this deliverable, we provide documentation for the NEWS Ontology Content module (annex A).

5 References

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[SKOS2] SKOS Core Vocabulary Specification. Working Draft 10 May 2005.
<http://www.w3.org/TR/swbp-skos-core-spec/> (browsed on 27-08-2005).

[SKOS3] Quick Guide to Publishing a Thesaurus on the Semantic Web. Working Draft 10 May 2005.
<http://www.w3.org/TR/swbp-thesaurus-pubguide/> (browsed on 27-08-2005)

A. NEWS Ontology Content module documentation

Class Hierarchy for *NEWS* Project

- [Content:Entity](#)
 - [Content:Abstract](#)
 - [Content:Attribute](#)
 - [Content:Address](#)
 - [Content:Function](#)
 - [Content:NETPattern](#)
 - [Content:NewsEventType](#)
 - [Content:Predicate](#)
 - [Content:FunctionPredicate](#)
 - [Content:UnitOfMeasure](#)
 - [Content:CurrencyMeasure](#)
 - [Content:Physical](#)
 - [Content:Object](#)
 - [Content:Agent](#)
 - [Content:GeopoliticalArea](#)
 - [Content:City](#)
 - [Content:CityDistrict](#)
 - [Content:Country](#)
 - [Content:County](#)
 - [Content:StateOrProvince](#)
 - [Content:Group](#)
 - [Content:GroupOfPeople](#)
 - [Content:AgeGroup](#)
 - [Content:BeliefGroup](#)
 - [Content:CountryNationals](#)
 - [Content:EthnicGroup](#)
 - [Content:FamilyGroup](#)
 - [Content:Organization](#)
 - [Content:BandOrOrchestra](#)
 - [Content:Corporation](#)
 - [Content:GovernmentOrganization](#)
 - [Content:Government](#)
 - [Content:NonProfitOrganization](#)
 - [Content:OrganizationOfNations](#)
 - [Content:PoliticalOrganization](#)
 - [Content:ReligiousOrganization](#)

- [Content:SportsLeague](#)
 - [Content:SportsTeam](#)
 - [Content:TerroristOrganization](#)
 - [Content:Human](#)
 - [Content:Man](#)
 - [Content:Woman](#)
- [Content:Artifact](#)
 - [Content:Building](#)
 - [Content:Product](#)
- [Content:Collection](#)
 - [Content:Archipelago](#)
 - [Content:Group](#)
 - [Content:GroupOfPeople](#)
 - [Content:AgeGroup](#)
 - [Content:BeliefGroup](#)
 - [Content:CountryNationals](#)
 - [Content:EthnicGroup](#)
 - [Content:FamilyGroup](#)
 - [Content:Organization](#)
 - [Content:BandOrOrchestra](#)
 - [Content:Corporation](#)
 - [Content:GovernmentOrganization](#)
 - [Content:Government](#)
 - [Content:NonProfitOrganization](#)
 - [Content:OrganizationOfNations](#)
 - [Content:PoliticalOrganization](#)
 - [Content:ReligiousOrganization](#)
 - [Content:SportsLeague](#)
 - [Content:SportsTeam](#)
 - [Content:TerroristOrganization](#)
- [Content:ContentBearingObject](#)
 - [Content:AgreementDocument](#)
 - [Content:Book](#)
 - [Content:Certificate](#)
 - [Content:FinancialInstrument](#)
 - [Content:Patent](#)
 - [Content:Language](#)
 - [Content:LegalDocument](#)
 - [Content:MotionPicture](#)
 - [Content:MusicalComposition](#)
 - [Content:NewsItem](#)

- [Content:Region](#)
 - [Content:AstronomicalBody](#)
 - [Content:GeographicArea](#)
 - [Content:GeopoliticalArea](#)
 - [Content:City](#)
 - [Content:CityDistrict](#)
 - [Content:Country](#)
 - [Content:County](#)
 - [Content:StateOrProvince](#)
 - [Content:LandArea](#)
 - [Content:Archipelago](#)
 - [Content:Cemetery](#)
 - [Content:Continent](#)
 - [Content:Forest](#)
 - [Content:Island](#)
 - [Content:Park](#)
 - [Content:WaterArea](#)
 - [Content:Gulf](#)
 - [Content:Lake](#)
 - [Content:Ocean](#)
 - [Content:River](#)
 - [Content:Sea](#)
 - [Content:Transitway](#)
 - [Content:Airport](#)
 - [Content:Bridge](#)
 - [Content:Canal](#)
 - [Content:Railway](#)
 - [Content:Roadway](#)
 - [Content:Tunnel](#)
 - [Content:Substance](#)
 - [Content:Drug](#)
- [Content:Process](#)
 - [Content:NewsEvent](#)

Project: NEWS

Class Content:Entity

Concrete Class Extends

:THING

Direct Instances:

None

Direct Subclasses:

1. [Content:Abstract](#)
2. [Content:Physical](#)

Class Documentation:

Documentation on Entity(SUMO): The universal class of individuals.This is the root node of the ontology.

Template Slots

Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>core: altLabel</i>	An alternative lexical label for a resource	String		
<i>core: definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core: prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

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Project: NEWS

Class Content:Abstract

Concrete Class Extends

[Content:Entity](#)

Direct Instances:

None

Direct Subclasses:

1. [Content:Attribute](#)
2. [Content:NETPattern](#)
3. [Content:NewsEventType](#)
4. [Content:Predicate](#)
5. [Content:UnitOfMeasure](#)

Class Documentation:

Documentation on Abstract(SUMO): Properties or qualities as distinguished from any particular embodiment of the properties/qualities in a physical medium. Instances of Abstract can be said to exist in the same sense as mathematical objects such as sets and relations, but they cannot exist at a particular place and time without some physical encoding or embodiment.

Template Slots

Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:38 CET 2005

Project: NEWS

Class Content:Attribute

Concrete Class Extends

[Content:Abstract](#)

Direct Instances:

None

Direct Subclasses:

1. [Content:Address](#)
2. [Content:Function](#)

Class Documentation:

Documentation on Attribute(SUMO): Qualities which we cannot or choose not to reify into subclasses of Object. The classes inspired by Topic Types which describe NewsItem properties, as Priority, are typically included as subclasses of Attribute.

Template Slots

Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:38 CET 2005

Project: NEWS

Class Content:Address

Concrete Class Extends

[Content:Attribute](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on Address(MILO): An Attribute that indicates an address where an Agent can regularly be contacted. In NITF v3.2 the element "postaddr" can be used to annotate addresses in the item's content, for instance, inside a "p" element.

Template Slots				
Slot name	Documentation	Type	Allowed Values/Classes	Default
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:38 CET 2005

Project: NEWS

Class Content:Function

Concrete Class Extends

[Content:Attribute](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on Function(SUMO=SocialRole): The Class of all Attributes that specify the position or status of an Agent within an Organization or other Group. In NITF v3.2 the element "function" can be used to annotate roles in the item's content. In the IPTC NewsCodes the Topic Type "Job" is defined with a similar purpose.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>core: altLabel</i>	An alternative lexical label for a resource	String		
<i>core: definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core: prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:38 CET 2005

Project: NEWS

Class Content:NETPattern

Concrete Class Extends

[Content:Abstract](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

A pattern (one or several properties) that can be used to identify a news event type

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		
<i>Content: NETPatternHasInstance</i>	An instance that should occur in an event of the event type linked to the specified pattern. An example could be the instance "King" of class Content:Function in an event type "King murder".	Instance	Content: Entity	
<i>Content: NETPatternHasProperty</i>	One of the properties that will be matched against SPO (subject, predicate, object) of news items	Instance	rdf: Property	

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:38 CET 2005

Project: NEWS

Class Content:NewsEventType

Concrete Class Extends

[Content:Abstract](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

A type of event that can occur in news items belonging to one or several categories.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		
<i>Content:hasCompatibleCategory</i>	An SRS category. States that an event of the specified type can occur in a news item belonging to the specified SRS category.	Instance	rdfs:Class	
<i>Content:hasPattern</i>	One of the patterns that can be used to identify the type of an event	Instance	Content:NETPattern	

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:38 CET 2005

Project: NEWS

Class Content:Predicate

Concrete Class Extends

[Content:Abstract](#)

Direct Instances:

None

Direct Subclasses:

[Content:FunctionPredicate](#)

Class Documentation:

Documentation on Predicate(SUMO): A Predicate is a sentence-forming Relation. Each tuple in the Relation is a finite, ordered sequence of objects. This class has been added to allow the definition of n-ary predicates like occupiesPosition which can not be directly represented as RDF(S) properties.

Template Slots

Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:39 CET 2005

Project: NEWS

Class Content:FunctionPredicate

Concrete Class Extends

[Content:Predicate](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on FunctionPredicate(NEWS): Used to decompose into triplas the SUMO's ternary predicate occupiesPosition(person, org, position)

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		
<i>Content: has_function</i>	Documentation on has_function: The instance in the range, a Function, represents the role of a certain person within an organization. The rest of the components of the relation are defined by the other properties of the instance of FunctionPredicate in the domain.	Instance	Content: Function	
<i>Content: has_human</i>	Documentation on has_human: The instance in the range, a Human, occupies a position within an organization. The rest of the components of the relation are defined by the other properties of the instance of FunctionPredicate in the domain.	Instance	Content: Human	

<p><i>Content:</i> <i>has_organization</i></p>	<p>Documentation on has_organization: The instance in the range is an Organization within a certain person occupies a position. The rest of the components of the relation are defined by the other properties of the instance of FunctionPredicate in the domain.</p>	<p>Instance</p>	<p>Content: Organization</p>	
<p><i>Content:</i> <i>has_successor</i></p>	<p>Documentation on has_successor: Relates an instance of FunctionPredicate with an instance of Human, stating that the Human in the range is the successor of the Human in the property has_human of the FunctionPredicate in the domain. (Replacement in the same position at the same organization.)</p>	<p>Instance</p>	<p>Content: Human</p>	

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:39 CET 2005

Project: NEWS

Class Content:Human

Concrete Class Extends

[Content:Agent](#)

Direct Instances:

None

Direct Subclasses:

1. [Content:Man](#)
2. [Content:Woman](#)

Class Documentation:

Documentation on Human(SUMO): Modern man, the only remaining species of the Homogenus.

Template Slots

Slot name	Documentation	Type	Allowed Values/Classes	Default
<i>Content:buyCompany</i>	The act of acquiring a company. Usually this is done by a person, a group of persons or another company.	Instance	Content:Corporation	
<i>Content:possesses</i>	Relation that holds between an Agent and an Object when the Agent has ownership of the Object	Instance	Content:Object	
<i>Content:is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content:Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

<i>Content: family_relation</i>	Documentation on family_relation: Relates two instances of Human. Brotherhood, parenthood, sisterhood, spouse and other family relations are covered under this property.	Instance	Content:Human	
<i>Content: is_citizen_of</i>	Documentation on is_citizen_of: Relates an instance of Human with a instance of Country. States that the Human is officially declared to be a citizen (a.k.a national) of such Country.	Instance	Content:County	
<i>Content: lives_at</i>	Documentation on lives_at: Relates an instance of Human with an instance of GeographicArea where the Human has his residence.	Instance	Content: GeographicArea	
<i>Content: spouse</i>	Documentation on spouse: Relates two instances of Human stating that these persons are married to one another.	Instance	Content:Human	
<i>Content: works_at</i>	Documentation on works_at: This property relates an instance of Human with an instance of Organization, stating that the Human works at the Organization. If the Function that the Human has into the Organization is known, it could be more interesting to define a new instance of FunctionPredicate relating the Human with the Function and the Organization.	Instance	Content: Organization	
<i>Content: year_of_birth</i>	Documentation on year_of_birth: This property relates a instance of Human with a literal integer value representing the year when the person in the domain has been born.	String		

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:43 CET 2005

Project: NEWS

Class Content:Agent

Concrete Class Extends

[Content:Object](#)

Direct Instances:

None

Direct Subclasses:

1. [Content:GeopoliticalArea](#)
2. [Content:Group](#)
3. [Content:Human](#)

Class Documentation:

Documentation on Agent(SUMO): Something or someone that can act on its own and produce changes in the world.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content: is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content: Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core: definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core: prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		
<i>Content: buyCompany</i>	The act of acquiring a company. Usually this is done by a person, a group of persons or another company.	Instance	Content: Corporation	
<i>Content: possesses</i>	Relation that holds between an Agent and an Object when the Agent has ownership of the Object	Instance	Content: Object	

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:40 CET 2005

Project: NEWS

Class Content:Object

Concrete Class Extends

[Content:Physical](#)

Direct Instances:

None

Direct Subclasses:

1. [Content:Agent](#)
2. [Content:Artifact](#)
3. [Content:Collection](#)
4. [Content:ContentBearingObject](#)
5. [Content:Region](#)
6. [Content:Substance](#)

Class Documentation:

Documentation on Object(SUMO): Corresponds roughly to the class of ordinary objects. Examples include normal physical objects, geographical regions, and locations of Processes, the complement of Objects in the Physical class. In a 4D ontology, an Object is something whose spatiotemporal extent is thought of as dividing into spatial parts roughly parallel to the time-axis.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		
<i>Content:is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content:Collection	

[Return to class hierarchy](#)

Project: NEWS

Class Content:Physical

Concrete Class Extends

[Content:Entity](#)

Direct Instances:

None

Direct Subclasses:

1. [Content:Object](#)
2. [Content:Process](#)

Class Documentation:

Documentation on Physical(SUMO): An entity that has a location in space-time. Note that locations are themselves understood to have a location in space-time.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>core: altLabel</i>	An alternative lexical label for a resource	String		
<i>core: definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core: prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:39 CET 2005

Project: NEWS

Class Content:Process

Concrete Class Extends

[Content:Physical](#)

Direct Instances:

None

Direct Subclasses:

[Content:NewsEvent](#)

Class Documentation:

Documentation on Process(SUMO): Intuitively, the class of things that happen and have temporal parts or stages. Examples include extended events like a football match or a race, actions like pursuing and reading, and biological processes. The formal definition is: anything that lasts for a time but is not an Object. Note that a Process may have participants 'inside' it which are Objects, such as the players in a football match. In a 4D ontology, a Process is something whose spatiotemporal extent is thought of as dividing into temporal stages roughly perpendicular to the time-axis. In NITF v3.2 the element "event" can be used in the item's content to annotate this kind entity. In ITPC NewsCodes there exist the Topic Type "Event" with similar purpose.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		
<i>Content:has_agent</i>	Documentation on has_agent: This property relates an instance of Process with an instance of Agent, stating that the Agent in the range has taken part in the event described by the Process in the domain.	Instance	Content:Agent	

<i>Content: has_instrument</i>	Documentation on has_instrument: Relates an instance of Process with an instance of Object, stating that the Object in the range has been used as a tool or device in the event described by the Process.	Instance	Content: Object	
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[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:49 CET 2005

Project: NEWS

Class Content:NewsEvent

Concrete Class Extends

[Content:Process](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Something that happens and is subject to news coverage" (according to IPTC EventsML 1.0 Business Requirements Specification, draft 4).

Template Slots				
Slot name	Documentation	Type	Allowed Values/Classes	Default
<i>Content:has_agent</i>	Documentation on has_agent: This property relates an instance of Process with an instance of Agent, stating that the Agent in the range has taken part in the event described by the Process in the domain.	Instance	Content:Agent	
<i>Content:has_instrument</i>	Documentation on has_instrument: Relates an instance of Process with an instance of Object, stating that the Object in the range has been used as a tool or device in the event described by the Process.	Instance	Content:Object	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		
<i>Content:hasEventType</i>	This property defines the type of a news event.	Instance	Content:NewsEventType	
<i>Content:has_Instance</i>	This property identifies an instance that is relevant for the specified news event.	Instance	Content:Entity	

<i>Content:</i> <i>has_SPO</i>	Specifies a SPO (subject, predicate, object), by means of an RDF Statement, that is relevant for the news event.	Instance	rdf:Statement	
<i>Content:</i> <i>has_timestamp</i>	Specifies time information about when the event occurred.	String		

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:50 CET 2005

Project: NEWS

Class Content:GeopoliticalArea

Concrete Class Extends

[Content:Agent](#), [Content:GeographicArea](#)

Direct Instances:

None

Direct Subclasses:

1. [Content:City](#)
2. [Content:CityDistrict](#)
3. [Content:Country](#)
4. [Content:County](#)
5. [Content:StateOrProvince](#)

Class Documentation:

Documentation on GeopoliticalArea(SUMO): Any GeographicArea which is associated with some sort of political structure. This class includes lands, cities, districts of cities, counties, etc. Note that the identity of a GeopoliticalArea may remain constant after a change in borders.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content:buyCompany</i>	The act of acquiring a company. Usually this is done by a person, a group of persons or another company.	Instance	Content:Corporation	
<i>Content:possesses</i>	Relation that holds between an Agent and an Object when the Agent has ownership of the Object	Instance	Content:Object	
<i>Content:is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content:Collection	

<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		
<i>Content: has_geographic_subregion</i>	Documentation on <i>has_geographic_subregion</i> : Relates two instances of <i>GeographicArea</i> stating that the area in the range is a geographic subregion of the area in the domain. For instance Europe has as geographic subregion the Tirol region.	Instance	Content: GeographicArea	
<i>Content: has_geopolitical_subdivision</i>	Documentation on <i>has_geopolitical_subdivision</i> : Relates two instances of <i>GeopoliticalArea</i> , the one in the range being a subdivision of the one in the domain. For instance, the "Comunidad de Madrid" spanish state is a geopolitical subdivision of Spain.	Instance	Content: GeopoliticalArea	

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:40 CET 2005

Project: NEWS

Class Content:Group

Concrete Class Extends

[Content:Agent](#), [Content:Collection](#)

Direct Instances:

None

Direct Subclasses:

1. [Content:GroupOfPeople](#)
2. [Content:Organization](#)

Class Documentation:

Documentation on Group(SUMO): A Collection of Agents, e.g. a flock of sheep, a herd of goats, or the local Boy Scout troop.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content:buyCompany</i>	The act of acquiring a company. Usually this is done by a person, a group of persons or another company.	Instance	Content:Corporation	
<i>Content:possesses</i>	Relation that holds between an Agent and an Object when the Agent has ownership of the Object	Instance	Content:Object	
<i>Content:is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content:Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Project: NEWS

Class Content:Collection

Concrete Class Extends

[Content:Object](#)

Direct Instances:

None

Direct Subclasses:

1. [Content:Archipelago](#)
2. [Content:Group](#)

Class Documentation:

Documentation on Collection(SUMO): Collections have members like classes, but, unlike classes, they have a position in space-time and members can be added and subtracted without thereby changing the identity of the Collection. Some examples are toolkits, football teams, and flocksof sheep.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content: is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content: Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core: definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core: prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:44 CET 2005

Project: NEWS

Class Content:Corporation

Concrete Class Extends

[Content:Organization](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on Corporation(SUMO): An Organization that has a special legal status that allows a group of persons to act as a commercial agent and that insulates the owners (shareholders) from many liabilities that might result from the corporation's operation.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content: has_suborganization</i>	Documentation on has_suborganization: Relates two instances of Organization stating that the one in the range is a suborganization of the one in the domain. For instance, the commercial department of Shell is a suborganization of the Shell Corporation.	Instance	Content: Organization	
<i>Content: buyCompany</i>	The act of acquiring a company. Usually this is done by a person, a group of persons or another company.	Instance	Content: Corporation	
<i>Content:possesses</i>	Relation that holds between an Agent and an Object when the Agent has ownership of the Object	Instance	Content: Object	
<i>Content: is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content: Collection	

<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:42 CET 2005

Project: NEWS

Class Content:GeographicArea

Concrete Class Extends

[Content:Region](#)

Direct Instances:

None

Direct Subclasses:

1. [Content:GeopoliticalArea](#)
2. [Content:LandArea](#)
3. [Content:WaterArea](#)

Class Documentation:

Documentation on GeographicArea(SUMO): A geographic location, generally having definite boundaries. Note that this differs from its immediate superclass Region in that a GeographicArea is a three-dimensional Region of the Earth. Accordingly, all astronomical objects other than Earth and all one-dimensional and two-dimensional Regions are not classed under GeographicArea.

Template Slots

Slot name	Documentation	Type	Allowed Values/Classes	Default
<i>Content:is_member_of</i>	Documentation on <code>is_member_of</code> : Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content:Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

<p style="text-align: center;"><i>Content:</i> <i>has_geographic_subregion</i></p>	<p>Documentation on has_geographic_subregion: Relates two instances of GeographicArea stating that the area in the range is a geogrphic subregion of the area in the domain. For instance Europe has as geographic subregion the Tirol region.</p>	<p>Instance</p>	<p>Content: GeographicArea</p>	
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[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:46 CET 2005

Project: NEWS

Class Content:City

Concrete Class Extends

[Content:GeopoliticalArea](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on City(SUMO): A LandArea of relatively small size, inhabited by a community of people, and having some sort of political structure. Note that this class includes both large cities and small settlements like towns, villages, hamlets, etc.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content:has_geopolitical_subdivision</i>	Documentation on has_geopolitical_subdivision: Relates two instances of GeopoliticalArea, the one in the range being a subdivision of the one in the domain. For instance, the "Comunidad de Madrid" spanish state is a geopolitical subdivision of Spain.	Instance	Content:GeopoliticalArea	
<i>Content:buyCompany</i>	The act of acquiring a company. Usually this is done by a person, a group of persons or another company.	Instance	Content:Corporation	
<i>Content:possesses</i>	Relation that holds between an Agent and an Object when the Agent has ownership of the Object	Instance	Content:Object	

<i>Content:is_member_of</i>	Documentation on is_member_of : Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content:Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		
<i>Content:has_geographic_subregion</i>	Documentation on has_geographic_subregion : Relates two instances of GeographicArea stating that the area in the range is a geographic subregion of the area in the domain. For instance Europe has as geographic subregion the Tirol region.	Instance	Content:GeographicArea	
<i>Content:is_city_of</i>	Documentation on is_city_of : Relates an instance of City with the Country where the city is located.	Instance	Content:Country	

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:40 CET 2005

Project: NEWS

Class Content:CityDistrict

Concrete Class Extends

[Content:GeopoliticalArea](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on CityDistrict(MILO): Any geopolitical subdivision of a City.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content:has_geopolitical_subdivision</i>	Documentation on has_geopolitical_subdivision: Relates two instances of GeopoliticalArea, the one in the range being a subdivision of the one in the domain. For instance, the "Comunidad de Madrid" spanish state is a geopolitical subdivision of Spain.	Instance	Content:GeopoliticalArea	
<i>Content:buyCompany</i>	The act of acquiring a company. Usually this is done by a person, a group of persons or another company.	Instance	Content:Corporation	
<i>Content:possesses</i>	Relation that holds between an Agent and an Object when the Agent has ownership of the Object	Instance	Content:Object	

<i>Content:is_member_of</i>	Documentation on is_member_of : Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content: Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		
<i>Content:has_geographic_subregion</i>	Documentation on has_geographic_subregion : Relates two instances of GeographicArea stating that the area in the range is a geographic subregion of the area in the domain. For instance Europe has as geographic subregion the Tirol region.	Instance	Content: GeographicArea	

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:40 CET 2005

Project: NEWS

Class Content:Country

Concrete Class Extends

[Content:GeopoliticalArea](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on Country(SUMO=Nation): The broadest GeopoliticalArea, i.e. countries or nations are GeopoliticalAreas that are not part of any other overarching and comprehensive governance structure (excepting commonwealths and other sorts of loose international organizations).

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content:has_geopolitical_subdivision</i>	Documentation on has_geopolitical_subdivision: Relates two instances of GeopoliticalArea, the one in the range being a subdivision of the one in the domain. For instance, the "Comunidad de Madrid" spanish state is a geopolitical subdivision of Spain.	Instance	Content:GeopoliticalArea	
<i>Content:buyCompany</i>	The act of acquiring a company. Usually this is done by a person, a group of persons or another company.	Instance	Content:Corporation	
<i>Content:possesses</i>	Relation that holds between an Agent and an Object when the Agent has ownership of the Object	Instance	Content:Object	

<i>Content:is_member_of</i>	Documentation on is_member_of : Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content:Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		
<i>Content:has_geographic_subregion</i>	Documentation on has_geographic_subregion : Relates two instances of GeographicArea stating that the area in the range is a geographic subregion of the area in the domain. For instance Europe has as geographic subregion the Tirol region.	Instance	Content:GeographicArea	
<i>Content:capital_city</i>	Documentation on capital_city : Relates an instance of Country with an instance of City, stating that the City in the range is the capital of the Country in the domain.	Instance	Content:City	

[Return to class hierarchy](#)

Project: NEWS

Class Content:County

Concrete Class Extends

[Content:GeopoliticalArea](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on County(MILO): A GeopoliticalArea that is a subdivision of a StateOrProvince. Aside from City, this is the smallest geopolitical subdivision,and it is known by various names in various counties, e.g. parrish, commune, etc.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content:has_geopolitical_subdivision</i>	Documentation on has_geopolitical_subdivision: Relates two instances of GeopoliticalArea, the one in the range being a subdivision of the one in the domain. For instance, the "Comunidad de Madrid" spanish state is a geopolitical subdivision of Spain.	Instance	Content:GeopoliticalArea	
<i>Content:buyCompany</i>	The act of acquiring a company. Usually this is done by a person, a group of persons or another company.	Instance	Content:Corporation	
<i>Content:possesses</i>	Relation that holds between an Agent and an Object when the Agent has ownership of the Object	Instance	Content:Object	

<i>Content:is_member_of</i>	Documentation on is_member_of : Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content: Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		
<i>Content:has_geographic_subregion</i>	Documentation on has_geographic_subregion : Relates two instances of GeographicArea stating that the area in the range is a geographic subregion of the area in the domain. For instance Europe has as geographic subregion the Tirol region.	Instance	Content: GeographicArea	

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:40 CET 2005

Project: NEWS

Class Content:StateOrProvince

Concrete Class Extends

[Content:GeopoliticalArea](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on StateOrProvince(SUMO): Administrative subdivisions of a country that are broader than any other political subdivisions that may exist. This class includes the states of the United States, as well as the provinces of Canada and European countries.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content:has_geopolitical_subdivision</i>	Documentation on has_geopolitical_subdivision: Relates two instances of GeopoliticalArea, the one in the range being a subdivision of the one in the domain. For instance, the "Comunidad de Madrid" spanish state is a geopolitical subdivision of Spain.	Instance	Content:GeopoliticalArea	
<i>Content:buyCompany</i>	The act of acquiring a company. Usually this is done by a person, a group of persons or another company.	Instance	Content:Corporation	
<i>Content:possesses</i>	Relation that holds between an Agent and an Object when the Agent has ownership of the Object	Instance	Content:Object	

<i>Content:is_member_of</i>	Documentation on is_member_of : Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content: Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		
<i>Content:has_geographic_subregion</i>	Documentation on has_geographic_subregion : Relates two instances of GeographicArea stating that the area in the range is a geographic subregion of the area in the domain. For instance Europe has as geographic subregion the Tirol region.	Instance	Content: GeographicArea	

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:40 CET 2005

Project: NEWS

Class Content:GroupOfPeople

Concrete Class Extends

[Content:Group](#)

Direct Instances:

None

Direct Subclasses:

1. [Content:AgeGroup](#)
2. [Content:BeliefGroup](#)
3. [Content:CountryNationals](#)
4. [Content:EthnicGroup](#)
5. [Content:FamilyGroup](#)

Class Documentation:

Documentation on GroupOfPeople(SUMO): Any Group whose members are exclusively Humans. The instances of this class are used for annotation of groups of interest for a certain news item. Examples of GroupOfPeople include age groups, religious groups, etc.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content:buyCompany</i>	The act of acquiring a company. Usually this is done by a person, a group of persons or another company.	Instance	Content:Corporation	
<i>Content:possesses</i>	Relation that holds between an Agent and an Object when the Agent has ownership of the Object	Instance	Content:Object	
<i>Content:is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content:Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		

<i>core:</i> <i>prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		
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[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:41 CET 2005

Project: NEWS

Class Content:Organization

Concrete Class Extends

[Content:Group](#)

Direct Instances:

None

Direct Subclasses:

1. [Content:BandOrOrchestra](#)
2. [Content:Corporation](#)
3. [Content:GovernmentOrganization](#)
4. [Content:NonProfitOrganization](#)
5. [Content:OrganizationOfNations](#)
6. [Content:PoliticalOrganization](#)
7. [Content:ReligiousOrganization](#)
8. [Content:SportsLeague](#)
9. [Content:SportsTeam](#)
10. [Content:TerroristOrganization](#)

Class Documentation:

Documentation on Organization(SUMO): An Organization is a corporate or similar institution. The members of an Organization typically have a common purpose or function. Note that this class also covers divisions, departments, etc. of organizations. For example, both the ShellCorporation and the accounting department at Shell would both be instances of Organization. Note too that the existence of an Organization is dependent on the existence of at least one member (since Organization is a subclass of Collection). Accordingly, in cases of purely legal organizations, a fictitious member should be assumed.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content:buyCompany</i>	The act of acquiring a company. Usually this is done by a person, a group of persons or another company.	Instance	Content:Corporation	
<i>Content:possesses</i>	Relation that holds between an Agent and an Object when the Agent has ownership of the Object	Instance	Content:Object	

<i>Content: is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content: Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		
<i>Content: has_suborganization</i>	Documentation on has_suborganization: Relates two instances of Organization stating that the one in the range is a suborganization of the one in the domain. For instance, the commercial department of Shell is a suborganization of the Shell Corporation.	Instance	Content: Organization	

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:42 CET 2005

Project: NEWS

Class Content:Man

Concrete Class Extends

[Content:Human](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on Man(SUMO): The class of male Humans.

Template Slots				
Slot name	Documentation	Type	Allowed Values/Classes	Default
<i>Content: family_relation</i>	Documentation on family_relation: Relates two instances of Human. Brotherhood, parenthood, sisterhood, spouse and other family relations are covered under this property.	Instance	Content:Human	
<i>Content: is_citizen_of</i>	Documentation on is_citizen_of: Relates an instance of Human with a instance of Country. States that the Human is officially declared to be a citizen (a.k.a national) of such Country.	Instance	Content:County	
<i>Content: lives_at</i>	Documentation on lives_at: Relates an instance of Human with an instance of GeographicArea where the Human has his residence.	Instance	Content: GeographicArea	
<i>Content: spouse</i>	Documentation on spouse: Relates two instances of Human stating that these persons are married to one another.	Instance	Content:Human	

<i>Content: works_at</i>	Documentation on works_at: This property relates an instance of Human with an instance of Organization, stating that the Human works at the Organization. If the Function that the Human has into the Organization is known, it could be more interesting to define a new instance of FunctionPredicate relating the Human with the Function and the Organization.	Instance	Content: Organization	
<i>Content: year_of_birth</i>	Documentation on year_of_birth: This property relates a instance of Human with a literal integer value representing the year when the person in the domain has been born.	String		
<i>Content: buyCompany</i>	The act of acquiring a company. Usually this is done by a person, a group of persons or another company.	Instance	Content: Corporation	
<i>Content: possesses</i>	Relation that holds between an Agent and an Object when the Agent has ownership of the Object	Instance	Content:Object	
<i>Content: is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content: Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Project: NEWS

Class Content:Woman

Concrete Class Extends

[Content:Human](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on Woman(SUMO): The class of female Humans.

Template Slots				
Slot name	Documentation	Type	Allowed Values/Classes	Default
<i>Content: family_relation</i>	Documentation on family_relation: Relates two instances of Human. Brotherhood, parenthood, sisterhood, spouse and other family relations are covered under this property.	Instance	Content:Human	
<i>Content: is_citizen_of</i>	Documentation on is_citizen_of: Relates an instance of Human with a instance of Country. States that the Human is officially declared to be a citizen (a.k.a national) of such Country.	Instance	Content:County	
<i>Content: lives_at</i>	Documentation on lives_at: Relates an instance of Human with an instance of GeographicArea where the Human has his residence.	Instance	Content: GeographicArea	
<i>Content: spouse</i>	Documentation on spouse: Relates two instances of Human stating that these persons are married to one another.	Instance	Content:Human	

<i>Content: works_at</i>	Documentation on works_at: This property relates an instance of Human with an instance of Organization, stating that the Human works at the Organization. If the Function that the Human has into the Organization is known, it could be more interesting to define a new instance of FunctionPredicate relating the Human with the Function and the Organization.	Instance	Content: Organization	
<i>Content: year_of_birth</i>	Documentation on year_of_birth: This property relates a instance of Human with a literal integer value representing the year when the person in the domain has been born.	String		
<i>Content: buyCompany</i>	The act of acquiring a company. Usually this is done by a person, a group of persons or another company.	Instance	Content: Corporation	
<i>Content: possesses</i>	Relation that holds between an Agent and an Object when the Agent has ownership of the Object	Instance	Content:Object	
<i>Content: is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content: Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Project: NEWS

Class Content:Archipelago

Concrete Class Extends

[Content:Collection](#), [Content:LandArea](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on Archipelago(NEWS): A Collection of many islands in a large body of water.

Template Slots				
Slot name	Documentation	Type	Allowed Values/Classes	Default
<i>Content:is_member_of</i>	Documentation on <i>is_member_of</i> : Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content:Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

<p style="text-align: center;"><i>Content:</i> <i>has_geographic_subregion</i></p>	<p>Documentation on has_geographic_subregion: Relates two instances of GeographicArea stating that the area in the range is a geogrphic subregion of the area in the domain. For instance Europe has as geographic subregion the Tirol region.</p>	<p>Instance</p>	<p><u>Content:</u> <u>GeographicArea</u></p>	
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[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:44 CET 2005

Project: NEWS

Class Content:Region

Concrete Class Extends

[Content:Object](#)

Direct Instances:

None

Direct Subclasses:

1. [Content:AstronomicalBody](#)
2. [Content:GeographicArea](#)
3. [Content:Transitway](#)

Class Documentation:

Documentation on Region(SUMO): A topographic location. Regions encompass surfaces of Objects, imaginary places, and GeographicAreas. Note that a Region is the only kind of Object which can be located at itself. Note too that some regions, e.g. archipelagos, have parts which are not connected with one another. Regions and locations are very interesting entities for the journalism world as reflects the fact that IPTC NewsCodes include several Topic Types related with this issue like for example: Location, City, Country, CountryArea, Sublocation or WorldArea. Also NITF v3.2 includes elements like city, country, location or region which are also related with this issue.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content: is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content: Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core: definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core: prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:46 CET 2005

Project: NEWS

Class Content:LandArea

Concrete Class Extends

[Content:GeographicArea](#)

Direct Instances:

None

Direct Subclasses:

1. [Content:Archipelago](#)
2. [Content:Cemetery](#)
3. [Content:Continent](#)
4. [Content:Forest](#)
5. [Content:Island](#)
6. [Content:Park](#)

Class Documentation:

Documentation on LandArea(SUMO): An area which is predominantly solid ground, a mountain, a desert, etc. Note that a LandArea may contain some relatively small WaterAreas. For example, Australia is a LandArea even though it contains various rivers and lakes.

Template Slots				
Slot name	Documentation	Type	Allowed Values/Classes	Default
<i>Content: has_geographic_subregion</i>	Documentation on has_geographic_subregion: Relates two instances of GeographicArea stating that the area in the range is a geographic subregion of the area in the domain. For instance Europe has as geographic subregion the Tirol region.	Instance	Content:GeographicArea	

<i>Content:is_member_of</i>	Documentation on <i>is_member_of</i> : Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content: Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:46 CET 2005

Project: NEWS

Class Content:WaterArea

Concrete Class Extends

[Content:GeographicArea](#)

Direct Instances:

None

Direct Subclasses:

1. [Content:Gulf](#)
2. [Content:Lake](#)
3. [Content:Ocean](#)
4. [Content:River](#)
5. [Content:Sea](#)

Class Documentation:

Documentation on WaterArea(SUMO): A body which is made up predominantly of water,e.g. rivers, lakes, oceans, etc.

Template Slots				
Slot name	Documentation	Type	Allowed Values/Classes	Default
<i>Content:has_geographic_subregion</i>	Documentation on has_geographic_subregion: Relates two instances of GeographicArea stating that the area in the range is a geographic subregion of the area in the domain. For instance Europe has as geographic subregion the Tirol region.	Instance	Content:GeographicArea	
<i>Content:is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content:Collection	

<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:47 CET 2005

Project: NEWS

Class Content:AgeGroup

Concrete Class Extends

[Content:GroupOfPeople](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on AgeGroup(SUMO): A GroupOfPeople whose members all have the same age or have an age which is inside a certain age interval (example, persons between 18 and 25 years)

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content:buyCompany</i>	The act of acquiring a company. Usually this is done by a person, a group of persons or another company.	Instance	Content:Corporation	
<i>Content:possesses</i>	Relation that holds between an Agent and an Object when the Agent has ownership of the Object	Instance	Content:Object	
<i>Content:is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content:Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Project: NEWS

Class Content:BeliefGroup

Concrete Class Extends

[Content:GroupOfPeople](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on BeliefGroup(SUMO): A GroupOfPeople whose members share a belief for set of beliefs.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content: buyCompany</i>	The act of acquiring a company. Usually this is done by a person, a group of persons or another company.	Instance	Content: Corporation	
<i>Content: possesses</i>	Relation that holds between an Agent and an Object when the Agent has ownership of the Object	Instance	Content: Object	
<i>Content: is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content: Collection	
<i>core: altLabel</i>	An alternative lexical label for a resource	String		
<i>core: definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core: prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Project: NEWS

Class Content:CountryNationals

Concrete Class Extends

[Content:GroupOfPeople](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on CountryNationals(NEWS): A GroupOfPeople whose members are those who are nationals of a certain country.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content: buyCompany</i>	The act of acquiring a company. Usually this is done by a person, a group of persons or another company.	Instance	Content: Corporation	
<i>Content: possesses</i>	Relation that holds between an Agent and an Object when the Agent has ownership of the Object	Instance	Content: Object	
<i>Content: is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content: Collection	
<i>core: altLabel</i>	An alternative lexical label for a resource	String		
<i>core: definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core: prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Project: NEWS

Class Content: EthnicGroup

Concrete Class Extends

[Content: GroupOfPeople](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on EthnicGroup(SUMO): A GroupOfPeople whose members originate from the same GeographicArea or share the same Language and/or cultural practices.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content: buyCompany</i>	The act of acquiring a company. Usually this is done by a person, a group of persons or another company.	Instance	Content: Corporation	
<i>Content: possesses</i>	Relation that holds between an Agent and an Object when the Agent has ownership of the Object	Instance	Content: Object	
<i>Content: is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content: Collection	
<i>core: altLabel</i>	An alternative lexical label for a resource	String		
<i>core: definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core: prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Project: NEWS

Class Content:FamilyGroup

Concrete Class Extends

[Content:GroupOfPeople](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on FamilyGroup(SUMO): A GroupOfPeople whose members bear familyRelations to one another.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content: buyCompany</i>	The act of acquiring a company. Usually this is done by a person, a group of persons or another company.	Instance	Content: Corporation	
<i>Content: possesses</i>	Relation that holds between an Agent and an Object when the Agent has ownership of the Object	Instance	Content: Object	
<i>Content: is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content: Collection	
<i>core: altLabel</i>	An alternative lexical label for a resource	String		
<i>core: definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core: prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Project: NEWS

Class Content:BandOrOrchestra

Concrete Class Extends

[Content:Organization](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on BandOrOrchestra(MILO): An organization whose members create and/or play music together.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content: has_suborganization</i>	Documentation on has_suborganization: Relates two instances of Organization stating that the one in the range is a suborganization of the one in the domain. For instance, the commercial department of Shell is a suborganization of the Shell Corporation.	Instance	Content: Organization	
<i>Content: buyCompany</i>	The act of acquiring a company. Usually this is done by a person, a group of persons or another company.	Instance	Content: Corporation	
<i>Content:possesses</i>	Relation that holds between an Agent and an Object when the Agent has ownership of the Object	Instance	Content: Object	
<i>Content: is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content: Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		

<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:42 CET 2005

Project: NEWS

Class Content:GovernmentOrganization

Concrete Class Extends

[Content:Organization](#)

Direct Instances:

None

Direct Subclasses:

[Content:Government](#)

Class Documentation:

Documentation on GovernmentOrganization(SUMO): GovernmentOrganization is the class of official Organizations that are concerned with the governmentof a GeopoliticalArea at some level. They may be a suborganization of a Government.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content:has_suborganization</i>	Documentation on has_suborganization: Relates two instances of Organization stating that the one in the range is a suborganization of the one in the domain. For instance, the commercial department of Shell is a suborganization of the Shell Corporation.	Instance	Content:Organization	
<i>Content:buyCompany</i>	The act of acquiring a company. Usually this is done by a person, a group of persons or another company.	Instance	Content:Corporation	
<i>Content:possesses</i>	Relation that holds between an Agent and an Object when the Agent has ownership of the Object	Instance	Content:Object	

<i>Content:</i> <i>is_member_of</i>	Documentation on <i>is_member_of</i> : Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content: Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		
<i>Content:</i> <i>is_government_org_of</i>	Documentation on <i>is_government_of</i> : Relates an instance of GovernmentOrganization with an instance of GeopoliticalArea, stating that the organization in the domain takes part in the government process of the area in the domain.	Instance	Content: GeopoliticalArea	

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:42 CET 2005

Project: NEWS

Class Content:NonProfitOrganization

Concrete Class Extends

[Content:Organization](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on NonProfitOrganization(MILO): Any Organization whose purpose is something other than making a profit.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content: has_suborganization</i>	Documentation on has_suborganization: Relates two instances of Organization stating that the one in the range is a suborganization of the one in the domain. For instance, the commercial department of Shell is a suborganization of the Shell Corporation.	Instance	Content: Organization	
<i>Content: buyCompany</i>	The act of acquiring a company. Usually this is done by a person, a group of persons or another company.	Instance	Content: Corporation	
<i>Content: possesses</i>	Relation that holds between an Agent and an Object when the Agent has ownership of the Object	Instance	Content: Object	
<i>Content: is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content: Collection	
<i>core: altLabel</i>	An alternative lexical label for a resource	String		

<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:42 CET 2005

Project: NEWS

Class Content: OrganizationOfNations

Concrete Class Extends

[Content:Organization](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on OrganizationOfNations(MILO): OrganizationOfNations is the class of Organizations whose members are Nations (countries).

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content: has_suborganization</i>	Documentation on has_suborganization: Relates two instances of Organization stating that the one in the range is a suborganization of the one in the domain. For instance, the commercial department of Shell is a suborganization of the Shell Corporation.	Instance	Content: Organization	
<i>Content: buyCompany</i>	The act of acquiring a company. Usually this is done by a person, a group of persons or another company.	Instance	Content: Corporation	
<i>Content: possesses</i>	Relation that holds between an Agent and an Object when the Agent has ownership of the Object	Instance	Content: Object	
<i>Content: is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content: Collection	
<i>core: altLabel</i>	An alternative lexical label for a resource	String		

<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:42 CET 2005

Project: NEWS

Class Content: PoliticalOrganization

Concrete Class Extends

[Content: Organization](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on PoliticalOrganization(SUMO): An Organization that is a suborganization of a Government, or an Organization that is attempting to bring about some sort of political change.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content:</i> <i>has_suborganization</i>	Documentation on has_suborganization: Relates two instances of Organization stating that the one in the range is a suborganization of the one in the domain. For instance, the commercial department of Shell is a suborganization of the Shell Corporation.	Instance	Content: Organization	
<i>Content:</i> <i>buyCompany</i>	The act of acquiring a company. Usually this is done by a person, a group of persons or another company.	Instance	Content: Corporation	
<i>Content:</i> <i>possesses</i>	Relation that holds between an Agent and an Object when the Agent has ownership of the Object	Instance	Content: Object	
<i>Content:</i> <i>is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content: Collection	

<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:43 CET 2005

Project: NEWS

Class Content:ReligiousOrganization

Concrete Class Extends

[Content:Organization](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on ReligiousOrganization(SUMO): An Organization whose members share a set of religious beliefs.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content: has_suborganization</i>	Documentation on has_suborganization: Relates two instances of Organization stating that the one in the range is a suborganization of the one in the domain. For instance, the commercial department of Shell is a suborganization of the Shell Corporation.	Instance	Content: Organization	
<i>Content: buyCompany</i>	The act of acquiring a company. Usually this is done by a person, a group of persons or another company.	Instance	Content: Corporation	
<i>Content: possesses</i>	Relation that holds between an Agent and an Object when the Agent has ownership of the Object	Instance	Content: Object	
<i>Content: is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content: Collection	
<i>core: altLabel</i>	An alternative lexical label for a resource	String		

<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:43 CET 2005

Project: NEWS

Class Content:SportsLeague

Concrete Class Extends

[Content:Organization](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on SportsLeague(MILO): An Organization whose members are sports teams and whose purpose is to set up games between its members.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content: has_suborganization</i>	Documentation on has_suborganization: Relates two instances of Organization stating that the one in the range is a suborganization of the one in the domain. For instance, the commercial department of Shell is a suborganization of the Shell Corporation.	Instance	Content: Organization	
<i>Content: buyCompany</i>	The act of acquiring a company. Usually this is done by a person, a group of persons or another company.	Instance	Content: Corporation	
<i>Content:possesses</i>	Relation that holds between an Agent and an Object when the Agent has ownership of the Object	Instance	Content: Object	
<i>Content: is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content: Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		

<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:43 CET 2005

Project: NEWS

Class Content:SportsTeam

Concrete Class Extends

[Content:Organization](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on SportTeam(MILO): An Organization whose members habitually play a sport together, either as an occupation or as a leisure activity.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content: has_suborganization</i>	Documentation on has_suborganization: Relates two instances of Organization stating that the one in the range is a suborganization of the one in the domain. For instance, the commercial department of Shell is a suborganization of the Shell Corporation.	Instance	Content: Organization	
<i>Content: buyCompany</i>	The act of acquiring a company. Usually this is done by a person, a group of persons or another company.	Instance	Content: Corporation	
<i>Content: possesses</i>	Relation that holds between an Agent and an Object when the Agent has ownership of the Object	Instance	Content: Object	
<i>Content: is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content: Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		

<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:43 CET 2005

Project: NEWS

Class Content:TerroristOrganization

Concrete Class Extends

[Content:Organization](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on TerroritsOrganization(NEWS): An Organization whose members are radicals who employ terror as a political weapon.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content: has_suborganization</i>	Documentation on has_suborganization: Relates two instances of Organization stating that the one in the range is a suborganization of the one in the domain. For instance, the commercial department of Shell is a suborganization of the Shell Corporation.	Instance	Content: Organization	
<i>Content: buyCompany</i>	The act of acquiring a company. Usually this is done by a person, a goup of persons or another company.	Instance	Content: Corporation	
<i>Content:possesses</i>	Relation that holds between an Agent and an Object when the Agent has ownership of the Object	Instance	Content: Object	
<i>Content: is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content: Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		

<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:43 CET 2005

Project: NEWS

Class Content:AstronomicalBody

Concrete Class Extends

[Content:Region](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on AstronomicalBody(SUMO): The class of all astronomical objects of significant size. It includes objects like planets, stars, asteroids, nebulae, galaxies, and constellations. Note that the planet Earth is an AstronomicalBody, but every Region of Earth is a GeographicArea.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content: is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content: Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core: definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core: prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:46 CET 2005

Project: NEWS

Class Content:Transitway

Concrete Class Extends

[Content:Region](#)

Direct Instances:

None

Direct Subclasses:

1. [Content:Airport](#)
2. [Content:Bridge](#)
3. [Content:Canal](#)
4. [Content:Railway](#)
5. [Content:Roadway](#)
6. [Content:Tunnel](#)

Class Documentation:

Documentation on Transitway(SUMO): Transitway includes land, air, and sea regions, which act as paths for transit purposes. Iit includes both natural and artificial transitways. Examples of Transitway include roadways, railways, etc.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content: is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content: Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core: definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core: prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Project: NEWS

Class Content:Airport

Concrete Class Extends

[Content:Transitway](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on Airport(MILO): Airport is the subclass of Transitways for Airplanes

Template Slots

Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content: is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content: Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core: definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core: prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:48 CET 2005

Project: NEWS

Class Content:Bridge

Concrete Class Extends

[Content:Transitway](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on Bridge(MILO): Bridge is the subclass of Transitways that are artifacts used for crossing water or air-filled gaps that could not be transited over a natural surface.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content: is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content: Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core: definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core: prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:48 CET 2005

Project: NEWS

Class Content: Canal

Concrete Class Extends

[Content: Transitway](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on Canal(MILO): Canal is the subclass of Transitways that are Artifacts constructed for the passage of Ships.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content: is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content: Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core: definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core: prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:49 CET 2005

Project: NEWS

Class Content:Railway

Concrete Class Extends

[Content:Transitway](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on Railway(MILO): Railway is the subclass of Transitways that have rails along which trains may travel. A railway consists of the rail bed, sleepers, tracks, electric rails, switches,sensors, lights, crossing grades, and any other integral machinery or parts of a section of railway.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content: is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content: Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core: definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core: prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:49 CET 2005

Project: NEWS

Class Content:Roadway

Concrete Class Extends

[Content:Transitway](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on Roadway(SUMO): Roadway is the subclass of Transitway whose instances are areas intended for surface travel by self-powered, wheeled vehicles, excluding those that travel on tracks. Roadways have been at least minimally improved to enable the passage of vehicles. Roadways include dirt and gravelled roads, and express ways.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content:</i> <i>is_member_of</i>	Documentation on <i>is_member_of</i> : Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content: Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:49 CET 2005

Project: NEWS

Class Content:Tunnel

Concrete Class Extends

[Content:Transitway](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on Tunnel(MILO): Tunnel is a subclass of Transitways that consist of a lengthwise enclosed Hole that allows for transit underground, as through mountains, below a body of water, or beneath a city.

Template Slots

Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content: is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content: Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core: definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core: prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:49 CET 2005

Project: NEWS

Class Content:Cemetery

Concrete Class Extends

[Content:LandArea](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on Cemetery(MILO): A LandArea which is used for burying the dead.

Template Slots

Slot name	Documentation	Type	Allowed Values/Classes	Default
<i>Content:has_geographic_subregion</i>	Documentation on has_geographic_subregion: Relates two instances of GeographicArea stating that the area in the range is a geographic subregion of the area in the domain. For instance Europe has as geographic subregion the Tirol region.	Instance	Content:GeographicArea	
<i>Content:is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content:Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		

core:prefLabel

The preferred lexical label for a resource, in a given language.

String

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:47 CET 2005

Project: NEWS

Class Content:Continent

Concrete Class Extends

[Content:LandArea](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on Continent(SUMO): One of the six largest land masses on earth,viz. Africa, America, Antarctica, Europe, Asia, and Oceania.

Template Slots				
Slot name	Documentation	Type	Allowed Values/Classes	Default
<i>Content:has_geographic_subregion</i>	Documentation on <i>has_geographic_subregion</i> : Relates two instances of GeographicArea stating that the area in the range is a geographic subregion of the area in the domain. For instance Europe has as geographic subregion the Tirol region.	Instance	Content:GeographicArea	
<i>Content:is_member_of</i>	Documentation on <i>is_member_of</i> : Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content:Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		

core:prefLabel

The preferred lexical label for a resource, in a given language.

String

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:47 CET 2005

Project: NEWS

Class Content:Forest

Concrete Class Extends

[Content:LandArea](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on Forest(MILO): Forest is the class of large LandAreas that are covered by trees and associated undergrowth, either growing wild or managed for the purpose of timber production.

Template Slots				
Slot name	Documentation	Type	Allowed Values/Classes	Default
<i>Content:has_geographic_subregion</i>	Documentation on <i>has_geographic_subregion</i> : Relates two instances of GeographicArea stating that the area in the range is a geographic subregion of the area in the domain. For instance Europe has as geographic subregion the Tirol region.	Instance	Content:GeographicArea	
<i>Content:is_member_of</i>	Documentation on <i>is_member_of</i> : Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content:Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		

<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:47 CET 2005

Project: NEWS

Class Content:Island

Concrete Class Extends

[Content:LandArea](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on Island(SUMO): A LandArea that is completely surrounded by a WaterArea.

Template Slots				
Slot name	Documentation	Type	Allowed Values/Classes	Default
<i>Content:has_geographic_subregion</i>	Documentation on has_geographic_subregion: Relates two instances of GeographicArea stating that the area in the range is a geographic subregion of the area in the domain. For instance Europe has as geographic subregion the Tirol region.	Instance	Content:GeographicArea	
<i>Content:is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content:Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		

core:prefLabel

The preferred lexical label for a resource, in a given language.

String

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:47 CET 2005

Project: NEWS

Class Content:Park

Concrete Class Extends

[Content:LandArea](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on Park(MILO): A LandArea which is intended to be used for recreation and/or exercise.Note that a Park can be either publicly or privately owned.

Template Slots				
Slot name	Documentation	Type	Allowed Values/Classes	Default
<i>Content:has_geographic_subregion</i>	Documentation on has_geographic_subregion: Relates two instances of GeographicArea stating that the area in the range is a geographic subregion of the area in the domain. For instance Europe has as geographic subregion the Tirol region.	Instance	Content:GeographicArea	
<i>Content:is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content:Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		

core:prefLabel

The preferred lexical label for a resource, in a given language.

String

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:47 CET 2005

Project: NEWS

Class Content:Gulf

Concrete Class Extends

[Content:WaterArea](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on Gulf(MILO): Gulf is the class of extensions of a Sea or Ocean that reach into a land mass or are partially enclosed by a LandArea.

Template Slots				
Slot name	Documentation	Type	Allowed Values/Classes	Default
<i>Content:has_geographic_subregion</i>	Documentation on has_geographic_subregion: Relates two instances of GeographicArea stating that the area in the range is a geographic subregion of the area in the domain. For instance Europe has as geographic subregion the Tirol region.	Instance	Content:GeographicArea	
<i>Content:is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content:Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		

core:prefLabel

The preferred lexical label for a resource, in a given language.

String

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:47 CET 2005

Project: NEWS

Class Content:Lake

Concrete Class Extends

[Content:WaterArea](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on Lake(WordNet): A body of water surrounded by land.

Template Slots				
Slot name	Documentation	Type	Allowed Values/Classes	Default
<i>Content:has_geographic_subregion</i>	Documentation on has_geographic_subregion: Relates two instances of GeographicArea stating that the area in the range is a geographic subregion of the area in the domain. For instance Europe has as geographic subregion the Tirol region.	Instance	Content:GeographicArea	
<i>Content:is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content:Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		

core:prefLabel

The preferred lexical label for a resource, in a given language.

String

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:48 CET 2005

Project: NEWS

Class Content:Ocean

Concrete Class Extends

[Content:WaterArea](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on Ocean(MILO): Ocean is the class containing the oceans that are the major subdivisions of the WorldOcean. According to the International Hydrographic Association, there are five oceans: the AtlanticOcean, PacificOcean,IndianOcean, SouthernOcean, and ArcticOcean. Note: The largest oceans, the Atlantic and Pacific, are subdivided into Northern and Southern regions, but those regions are not separate Oceans.

Template Slots				
Slot name	Documentation	Type	Allowed Values/Classes	Default
<i>Content:has_geographic_subregion</i>	Documentation on has_geographic_subregion: Relates two instances of GeographicArea stating that the area in the range is a geogrphic subregion of the area in the domain. For instance Europe has as geographic subregion the Tirol region.	Instance	Content:GeographicArea	
<i>Content:is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content:Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		

<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:48 CET 2005

Project: NEWS

Class Content:River

Concrete Class Extends

[Content:WaterArea](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on River(MILO): River is the class of large streams of fresh water flowingthrough land into a lake, ocean, or other body of water.

Template Slots				
Slot name	Documentation	Type	Allowed Values/Classes	Default
<i>Content:has_geographic_subregion</i>	Documentation on has_geographic_subregion: Relates two instances of GeographicArea stating that the area in the range is a geogrphic subregion of the area in the domain. For instance Europe has as geographic subregion the Tirol region.	Instance	Content:GeographicArea	
<i>Content:is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content:Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		

core:prefLabel

The preferred lexical label for a resource, in a given language.

String

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:48 CET 2005

Project: NEWS

Class Content:Sea

Concrete Class Extends

[Content:WaterArea](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on Sea(MILO): Sea is the class of smaller subdivisions of the WorldOcean, typically partially surrounded by land.

Template Slots				
Slot name	Documentation	Type	Allowed Values/Classes	Default
<i>Content:has_geographic_subregion</i>	Documentation on has_geographic_subregion: Relates two instances of GeographicArea stating that the area in the range is a geographic subregion of the area in the domain. For instance Europe has as geographic subregion the Tirol region.	Instance	Content:GeographicArea	
<i>Content:is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content:Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		

core:prefLabel

The preferred lexical label for a resource, in a given language.

String

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:48 CET 2005

Project: NEWS

Class Content:Government

Concrete Class Extends

[Content:GovernmentOrganization](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on Government(SUMO): The ruling body of a GeopoliticalArea.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content:</i> <i>is_government_org_of</i>	Documentation on is_government_of: Relates an instance of GovernmentOrganization with an instance of GeopoliticalArea, stating that the organization in the domain takes part in the government process of the area in the domain.	Instance	Content: GeopoliticalArea	
<i>Content:</i> <i>has_suborganization</i>	Documentation on has_suborganization: Relates two instances of Organization stating that the one in the range is a suborganization of the one in the domain. For instance, the commercial department of Shell is a suborganization of the Shell Corporation.	Instance	Content: Organization	
<i>Content:</i> <i>buyCompany</i>	The act of acquiring a company. Usually this is done by a person, a goup of persons or another company.	Instance	Content: Corporation	

<i>Content:possesses</i>	Relation that holds between an Agent and an Object when the Agent has ownership of the Object	Instance	Content:Object	
<i>Content:is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content:Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:42 CET 2005

Project: NEWS

Class Content:Artifact

Concrete Class Extends

[Content:Object](#)

Direct Instances:

None

Direct Subclasses:

1. [Content:Building](#)
2. [Content:Product](#)

Class Documentation:

Documentation on Artifact(SUMO): An Object that is the product of a making Process.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content:</i> <i>is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content:Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		
<i>Content:</i> <i>manufactured_by</i>	Documentation on manufactured_by: Relates and instance of Artifact with an instance of Corporation, stating that the Corporation in the range produces or manufactures the Artifact in the domain.	Instance	Content:Corporation	

[Return to class hierarchy](#)

Project: NEWS

Class Content:Building

Concrete Class Extends

[Content:Artifact](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on Building(SUMO): The Class of Artifacts which are intended to house Humans and their activities. This class has been added to allow the annotation of Named Entities representing known buildings as "White House" which appear frequently in news items.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content: manufactured_by</i>	Documentation on manufactured_by: Relates and instance of Artifact with an instance of Corporation, stating that the Corporation in the range produces or manufactures the Artifact in the domain.	Instance	Content: Corporation	
<i>Content: is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content: Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Project: NEWS

Class Content:Product

Concrete Class Extends

[Content:Artifact](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on Product (WordNet): Commodities offered for sale. This class has been added to allow the annotation of Named Entities representing commercial products as pieces of hardware or software. In the NewsItems these products are usually identified by their commercial trademark as "Windows XP". In the IPTC NewsCodes there exist a Topic Type called "Product" defined with a similar purpose.

Template Slots				
Slot name	Documentation	Type	Allowed Values/Classes	Default
<i>Content:manufactured_by</i>	Documentation on manufactured_by: Relates and instance of Artifact with an instance of Corporation, stating that the Corporation in the range produces or manufactures the Artifact in the domain.	Instance	Content:Corporation	
<i>Content:is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content:Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:44 CET 2005

Project: NEWS

Class Content:ContentBearingObject

Concrete Class Extends

[Content:Object](#)

Direct Instances:

None

Direct Subclasses:

1. [Content:AgreementDocument](#)
2. [Content:Book](#)
3. [Content:Certificate](#)
4. [Content:Language](#)
5. [Content:LegalDocument](#)
6. [Content:MotionPicture](#)
7. [Content:MusicalComposition](#)
8. [Content:NewsItem](#)

Class Documentation:

Documentation on ContentBearingObject(SUMO): Any Object that expresses content. This content may be a proposition, e.g. when the ContentBearingObject is a sentence or text, or it may be a representation of an abstract or physical object, as with an icon (like a flag).

NewsItems are content bearing objects, and as a result, the NewsItem class is defined as a subclass of ContentBearingObject.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content: is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content: Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core: definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core: prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:44 CET 2005

Project: NEWS

Class Content:AgreementDocument

Concrete Class Extends

[Content:ContentBearingObject](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on Agreement(WordNet): The written statement of a exchange of promises. A contract as defined by WordNet "a binding agreement between two or more persons especially one enforceable by law" can be seen as a subclass of agreement.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content: is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content: Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core: definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core: prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:45 CET 2005

Project: NEWS

Class Content:Book

Concrete Class Extends

[Content:ContentBearingObject](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on Book(SUMO): A text that has pages and is bound. Books are typically identified by an ISBN number.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content:is_member_of</i>	Documentation on <i>is_member_of</i> : Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content:Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:45 CET 2005

Project: NEWS

Class Content:Certificate

Concrete Class Extends

[Content:ContentBearingObject](#)

Direct Instances:

None

Direct Subclasses:

1. [Content:FinancialInstrument](#)
2. [Content:Patent](#)

Class Documentation:

Documentation on Certificate(SUMO): A text that confers a right or obligation on the holder of the Certificate. Note that the right or obligation need not be a legal one, as in the case of an academic diploma that grants certain privileges in the professional world.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content:is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content:Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Project: NEWS

Class Content:FinancialInstrument

Concrete Class Extends

[Content:Certificate](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on FinancialInstrument(SUMO): A document having monetary value or recording a monetary transaction). Examples of FinancialInstrument are for instance Stock options of companies.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content: is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content: Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core: definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core: prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:45 CET 2005

Project: NEWS

Class Content:Patent

Concrete Class Extends

[Content:Certificate](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on Patent(SUMO): A Certificate that expresses the content of an invention that has been accorded legal protection by a governmental entity.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content: is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content: Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core: definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core: prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:45 CET 2005

Project: NEWS

Class Content:Language

Concrete Class Extends

[Content:ContentBearingObject](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on Language(SUMO): A system of signs for expressing thought. The system can be either natural or artificial, i.e. something that emerges gradually as a cultural artifact or something that is intentionally created by a person or group of people.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content:is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content:Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		
<i>Content:is_official_language_of</i>	Documentation on is_official_language_of: Relates an instance of Language with the GeopoliticalArea where such Language is declared to be an official language.	Instance	Content:GeopoliticalArea	

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:45 CET 2005

Project: NEWS

Class Content:LegalDocument

Concrete Class Extends

[Content:ContentBearingObject](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on LegalDocument(NEWS): A document whose contents are related to jurisprudence.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content: is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content: Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core: definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core: prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:45 CET 2005

Project: NEWS

Class Content:MotionPicture

Concrete Class Extends

[Content:ContentBearingObject](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on MotionPicture(SUMO): A ContentBearingObject which depicts motion (and which may have an audio or text component as well). This Class covers films, videos, etc.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content: is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content: Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core: definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core: prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:46 CET 2005

Project: NEWS

Class Content:MusicalComposition

Concrete Class Extends

[Content:ContentBearingObject](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on MusicalComposition(NEWS): This class has been added to allow the annotation of named entities representing music pieces or compositions.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content: is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content: Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core: definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core: prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:46 CET 2005

Project: NEWS

Class Content:NewsItem

Concrete Class Extends

[Content:ContentBearingObject](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on NewsItem(NEWS): The instances of this class are concrete news pieces or items generated by news agencies. This includes textual and multimedia news items.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content:is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content:Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		
<i>Content:has_instance_occurrence</i>	Documentation on has_instance_occurrence: Relates an instance of NewsItem with an Entity, stating that the Entity is somewhat mentioned at the NewsItem contents.	Instance	Content:Entity	

[Return to class hierarchy](#)

Project: NEWS

Class Content:Substance

Concrete Class Extends

[Content:Object](#)

Direct Instances:

None

Direct Subclasses:

[Content:Drug](#)

Class Documentation:

Documentation on Substance(SUMO): An Object in which every part is similar to every other in every relevant respect. More precisely, something is a Substance when it has only arbitrary pieces as parts - any parts have properties which are similar to those of the whole. Note that a Substance may nonetheless have physical properties that vary. For example, the temperature, chemical constitution, density, etc. may change from one part to another.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content: is_member_of</i>	Documentation on <i>is_member_of</i> : Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content: Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core: definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core: prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:49 CET 2005

Project: NEWS

Class Content:Drug

Concrete Class Extends

[Content:Substance](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on Drug(WordNet): A substance that is used as a medicine or narcotic

Template Slots

Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>Content: is_member_of</i>	Documentation on is_member_of: Relates an instance of Object with the instance of Collection where the Object is included. For instance an employee of one Corporation can be said to be a member of such Corporation.	Instance	Content: Collection	
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core: definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core: prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:49 CET 2005

Project: NEWS

Class Content:UnitOfMeasure

Concrete Class Extends

[Content:Abstract](#)

Direct Instances:

None

Direct Subclasses:

[Content:CurrencyMeasure](#)

Class Documentation:

Documentation on UnitOfMeasure(SUMO): A standard of measurement for some dimension. For example, the meter is a UnitOfMeasure for the dimension of length, as is the inch. There is no intrinsic property of a UnitOfMeasure that makes it primitive or fundamental; rather, a system of units defines a set of orthogonal dimensions and assigns units for each.

Template Slots				
Slot name	Documentation	Type	Allowed Values/Classes	Default
<i>core:altLabel</i>	An alternative lexical label for a resource	String		
<i>core:definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core:prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:39 CET 2005

Project: NEWS

Class Content: CurrencyMeasure

Concrete Class Extends

[Content:UnitOfMeasure](#)

Direct Instances:

None

Direct Subclasses:

None

Class Documentation:

Documentation on CurrencyMeasure(SUMO): Includes all standard measures of monetary value, including US Dollar, US Cent, Lire, Yen, Euro, etc. In IPTC NewsCodes there exist a Topic Type "Currency" used for currency unit representation. In NITF v3.2 there exists the element "money" for similar purposes.

Template Slots				
Slot name	Documentation	Type	Allowed Values/ Classes	Default
<i>core: altLabel</i>	An alternative lexical label for a resource	String		
<i>core: definition</i>	A statement or formal explanation of a resource that identifies it unambiguously.	String		
<i>core: prefLabel</i>	The preferred lexical label for a resource, in a given language.	String		

[Return to class hierarchy](#)

Generated on Sun Nov 20 20:19:39 CET 2005