

Discourse & Message & Discourse act-OS

// Metadata

Name	Discourse & Message & Discourse act-OS
Keywords	Discourse, Textual discourse, Article, Message, Authorization, Definition, Order, Information, Announcement, Discourse act, Asking, Defining, Informing
Creation date	September 12 th , 2008
Last modification date	November 20 th , 2009
Revisions made in v1.1	<ul style="list-style-type: none">- The relations ‘comments’, ‘defines’, ‘describes’, ‘renders account of’, ‘is commented by’, ‘is defined by’, ‘is described by’, and ‘is rendered account of’ have been added.- The concepts ‘Comment’ and ‘Technical report’ (as ‘Messages’) and ‘Commenting’ (as a ‘Discourse act’) have been added.
Creator	Gilles Kassel
Used ontology engineering methodology	OntoSpec
Is of type	Core ontology
Natural language	English
Has ontology language	OntoSpec
Has formality level	Semi-informal
Ressource locator	http://www.laria.u-picardie.fr/IC/site/IMG/pdf/Discourse-Message-OS.pdf
Version	1.1
Number of concepts (classes)	32
Number of relations (properties)	6
Description	This ontology is part of the ontology I&DA (Information and Discourse Acts) initially defined in [Fortier and Kassel, 2004]

// Relations

Comments

Properties

[EP/DR & RR] A COMMENT *comments* a PARTICULAR. [EP/SL] x *comments* y implies that x *refers to* y. [IVL] *Defines* mutually implies *is commented by*.

Defines

Properties

[EP/DR & RR] A DEFINITION *defines* a PARTICULAR. [EP/SL] x *defines* y implies that x *refers to* y. [IVL] *Defines* mutually implies *is defined by*.

Describes

Properties

[EP/DR & RR] A DESCRIPTION *describes* a PARTICULAR. [EP/SL] x *describes* y implies that x *refers to* y. [IVL] *Describes* mutually implies *is described by*.

Renders account of

Properties

[EP/DR & RR] A REPORT *renders account of* a PARTICULAR. [EP/SL] x *renders account of* y implies that x *refers to* y. [IVL] *Renders account of* mutually implies *is rendered account by*.

Is commented by

Properties

[EP/DR & RR] A PARTICULAR *is commented by* a COMMENT. [EP/SL] x *is commented by* y implies that x *is referred to by* y. [IVL] *Is commented by* mutually implies *comments*.

Is defined by

Properties

[EP/DR & RR] A PARTICULAR *is defined by* a DEFINITION. [EP/SL] x *is defined by* y implies that x *is referred to by* y. [IVL] *Is defined by* mutually implies *defines*.

Is described by

Properties

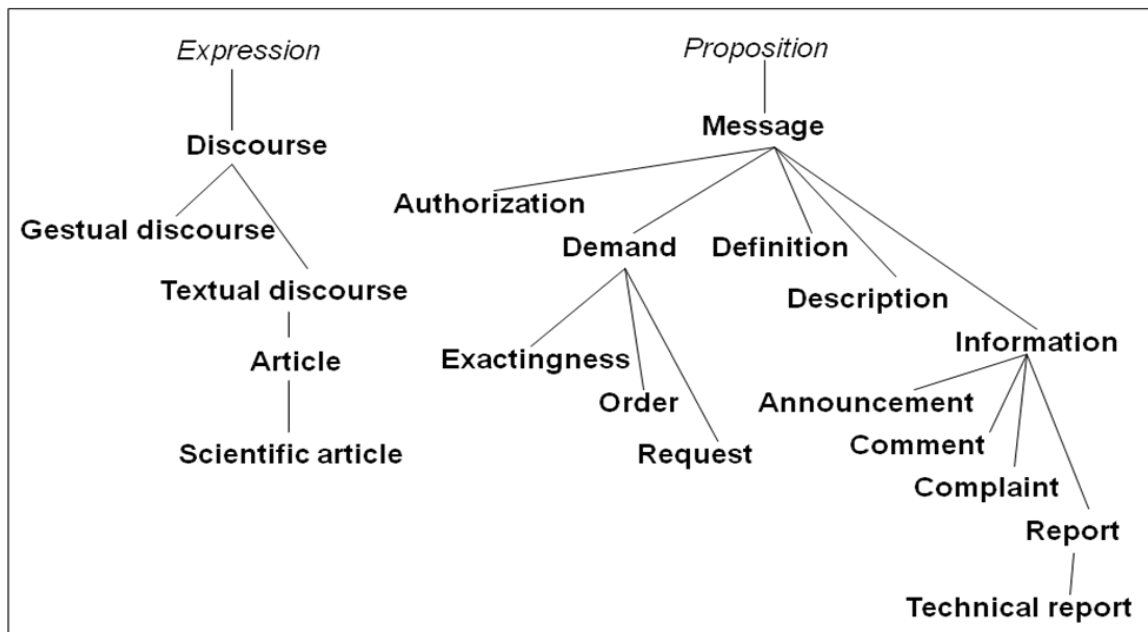
[EP/DR & RR] A PARTICULAR *is described by* a DESCRIPTION. [EP/SL] x *is described by* y implies that x *is referred to by* y. [IVL] *Is described by* mutually implies *describes*.

Is rendered account by

Properties

[EP/DR & RR] A PARTICULAR *is rendered account by* a REPORT. [EP/SL] x *is rendered account by* y implies that x *is referred to by* y. [IVL] *Is rendered account by* mutually implies *renders account*.

// Concepts



Discourse

Meta-properties

DISCOURSE is RIGID (+**R**). DISCOURSE is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SLD] A DISCOURSE is an EXPRESSION which *expresses* a MESSAGE *at* a TIME INTERVAL.

Gestual discourse

Meta-properties

GESTUAL DISCOURSE is RIGID (+**R**). GESTUAL DISCOURSE is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SLD] A GESTUAL DISCOURSE is a DISCOURSE which is a GESTUAL EXPRESSION.

Textual discourse

Meta-properties

TEXTUAL DISCOURSE is RIGID (+**R**). TEXTUAL DISCOURSE is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SLD] A TEXTUAL DISCOURSE is a DISCOURSE which is a TEXT.

Article

Meta-properties

ARTICLE is RIGID (+**R**). ARTICLE is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SLD] An ARTICLE is a TEXTUAL DISCOURSE which *is a part of* a PUBLICATION *during* a TIME INTERVAL.

Scientific article

Meta-properties

SCIENTIFIC ARTICLE is RIGID (+**R**). SCIENTIFIC ARTICLE is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SLD] A SCIENTIFIC ARTICLE is an ARTICLE which *is a part of* a SCIENTIFIC PUBLICATION *during* a TIME INTERVAL.

Message

Meta-properties

MESSAGE is RIGID (+**R**). MESSAGE is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SLD] A MESSAGE is a PROPOSITION which *allows to carry out* a DISCOURSE ACT. [EP/ER] Every MESSAGE *is expressed by* a DISCOURSE *at* a TIME INTERVAL.

Authorization

Meta-properties

AUTHORIZATION is RIGID (+**R**). AUTHORIZATION is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SLD] An AUTHORIZATION is a MESSAGE which *allows to carry out* AUTHORIZING.

Definition

Meta-properties

DEFINITION is RIGID (+**R**). DEFINITION is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SLD] A DEFINITION is a MESSAGE which *allows to carry out* DEFINING. [EP/ER] Every DEFINITION *defines* at least one PARTICULAR.

Demand

Meta-properties

DEMAND is RIGID (+**R**). DEMAND is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SLD] A DEMAND is a MESSAGE which *allows to carry out* ASKING.

Exactingness

Meta-properties

EXACTINGNESS is RIGID (+**R**). EXACTINGNESS is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SLD] An EXACTINGNESS is a DEMAND which *allows to carry out* EXACTING.

Order

Meta-properties

ORDER is RIGID (+**R**). ORDER is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SLD] An ORDER is a DEMAND which *allows to carry out* ORDERING.

Request

Meta-properties

REQUEST is RIGID (+**R**). REQUEST is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SLD] A REQUEST is a DEMAND which *allows to carry out* REQUESTING.

Description

Meta-properties

DESCRIPTION is RIGID (+**R**). DESCRIPTION is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SLD] A DESCRIPTION is a MESSAGE which *allows to carry out* DESCRIBING.

Information

Meta-properties

INFORMATION is RIGID (+**R**). INFORMATION is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SLD] An INFORMATION is a MESSAGE which *allows to carry out* INFORMING.

Announcement

Meta-properties

ANNOUNCEMENT is RIGID (+**R**). ANNOUNCEMENT is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SLD] An ANNOUNCEMENT is an INFORMATION which *allows to carry out* ANNOUNCING.

Comment

Meta-properties

COMMENT is RIGID (+**R**). COMMENT is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SLD] A COMMENT is an INFORMATION which *allows to carry out* COMMENTING. [EP/ER] Every COMMENT *comments* at least one PARTICULAR.

Complaint

Meta-properties

COMPLAINT is RIGID (+**R**). COMPLAINT is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SLD] A COMPLAINT is an INFORMATION which *allows to carry out* COMPLAINING.

Report

Meta-properties

REPORT is RIGID (+**R**). REPORT is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SLD] A REPORT is an INFORMATION which *allows to carry out* RENDERING ACCOUNT OF.

Technical report, Scientific report

Meta-properties

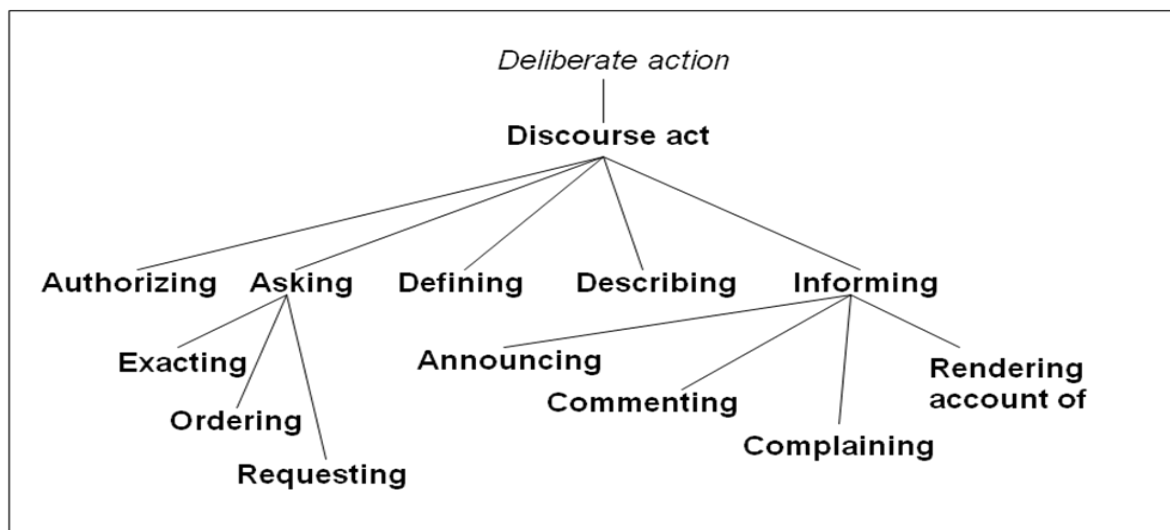
TECHNICAL REPORT is RIGID (+**R**). TECHNICAL REPORT is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SL] A TECHNICAL REPORT, or SCIENTIFIC REPORT, is a REPORT. [EP/ER] Every TECHNICAL REPORT *renders account of* at least one PARTICULAR.

Comment

[DEF & CIT] “A **technical report** (also: **scientific report**) is a document that describes the process, progress, and or results of technical or scientific research or the state of a technical or scientific research problem. It might also include recommendations and conclusion of the research. Unlike other scientific literature, such as scientific journals and the proceedings of some academic conferences, technical reports rarely undergo comprehensive independent peer review before publication. Where there is a review process, it is often limited to within the originating organization. Similarly, there are no formal publishing procedures for such reports, except where established locally”. (Source: Wikipedia)



Discourse act

Meta-properties

DISCOURSE ACT is RIGID (+**R**). DISCOURSE ACT is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SL] A DISCOURSE ACT is a DELIBERATE ACTION which consists in creating a DISCOURSE.

Authorizing

Meta-properties

AUTHORIZING is RIGID (+**R**). AUTHORIZING is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SL] AUTHORIZING is a DISCOURSE ACT.

Asking, calling for

Meta-properties

ASKING is RIGID (+**R**). ASKING is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SL] ASKING, or CALLING FOR, is a DISCOURSE ACT.

Exacting

Meta-properties

EXACTING is RIGID (+**R**). EXACTING is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SL] EXACTING is ASKING.

Ordering

Meta-properties

ORDERING is RIGID (+**R**). ORDERING is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SL] ORDERING is ASKING.

Requesting

Meta-properties

REQUESTING is RIGID (+**R**). REQUESTING is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SL] REQUESTING is ASKING.

Defining

Meta-properties

DEFINING is RIGID (+**R**). DEFINING is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SL] DEFINING is a DISCOURSE ACT.

Describing

Meta-properties

DESCRIBING is RIGID (+**R**). DESCRIBING is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SL] DESCRIBING is a DISCOURSE ACT.

Informing

Meta-properties

INFORMING is RIGID (+**R**). INFORMING is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SL] INFORMING is a DISCOURSE ACT.

Announcing

Meta-properties

ANNOUNCING is RIGID (+**R**). ANNOUNCING is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SL] ANNOUNCING is INFORMING.

Commenting

Meta-properties

COMMENTING is RIGID (+**R**). COMMENTING is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SL] COMMENTING is INFORMING.

Complaining

Meta-properties

COMPLAINING is RIGID (+**R**). COMPLAINING is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SL] COMPLAINING is INFORMING.

Rendering account of

Meta-properties

RENDERING ACCOUNT OF is RIGID (+**R**). RENDERING ACCOUNT OF is EXTERNALLY-DEPENDENT (+**D**).

Properties

[EP/SL] RENDERING ACCOUNT OF is INFORMING.