

CORPORART_GRAMM_IT_1.0

CORPORART Semantic Word Sketch Grammar for Italian - Nouns, verbs & adjective CQL expressions for semantic relations extraction

Version 1.0

Italian TreeTagger part-of-speech tagset using Marco Baroni's parameter file (<https://www.sketchengine.eu/italian-treetagger-part-of-speech-tagset/>)

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More info: Barbero, C. (2022). CQL Grammars for Lexical and Semantic Information Extraction for Portuguese and Italian. In:

Pinheiro, V., et al. Computational Processing of the Portuguese Language. PROPOR 2022. Lecture Notes in Computer Science, vol

13208. Springer, Cham. https://doi.org/10.1007/978-3-030-98305-5_35

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URL: https://clunl.fcsh.unl.pt/en/online-resources/outros/corporart_gramm_it_1-0/

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*STRUCTLIMIT s

*DEFAULTATTR tag

divert(-1)

define(`np1',`1:"NOUN" "ADJ"? "PRE.*"? "NOUN"? "PRE.*"? "NOUN"? "ADJ"?')

divert

*SYMMETRIC

="%w" is synonym of...

#1 SYNONYM anche chiamato | detto SYNONYM

np1[word="anche"][word="chiamat. | dett."]2:"NOUN"

#2 SYNONYM equivalere SYNONYM

1:"NOUN|VER*" "ADJ"? "PRE.*"? "NOUN"? "PRE.*"? "NOUN"? "ADJ"?[lemma="equivallere"]
"PRE.*" 2:"NOUN|VER*"

*DUAL

="%w" is hyperonym of.../"%w" is hyponym of...

#1 HYPERNYM come | qual HYPONYM

np1[word="come | qual."] "ART"?2:"NOUN"

#2 HYPERNYM essere Art HYPONYM

"ART" np1[lemma="essere"] "ART"2:"NOUN"

#2 HYPERNYM essere quindi | perciò | effettivamente Art tipo di HYPONYM

np1[lemma="essere"][word="quindi | perciò | effettivamente"]?
"ART"[lemma="tipo"]?[lemma="di"]?2:"NOUN"

#3 HYPERNYM essere tipo | esempio di HYPONYM

np1[lemma="essere"] "ART"[lemma="tipo | esempio"] [lemma="di"]2:"NOUN"

#4 HYPERNYM potere essere

definit. | considerat. | chiamat. | descritt. | concepit. | vist. | denominat. | designat. come HYPONYM

np1

[lemma="potere"]?[lemma="essere"][word="definit. | considerat. | chiamat. | descritt. | concepit.
| vist. | denominat. | designat."] [lemma="come"]? "ART"?2:"NOUN"

#5 HYPERNYM potere essere identificat. | visualzzat. | presentat. | classificat. come HYPONYM

np1

[lemma="potere"]?[lemma="essere"] [word="identificat. | visualizzat. | presentat. | classificat."] [lemma="come"] "ART"?2:"NOUN"

#6 HYPERNYM, e | o in particolare Art HYPONYM

np1 "PUN" [lemma="e | o"]? [lemma="in"] [lemma="particolare"] "ART"?2:"NOUN"

#7 HYPERNYM, e | o noun_phrase essere Art | Prep | Adv HYPONYM

np1 "PUN" ? [lemma="e | o"] "ART"? "NOUN" "ADJ"? "PRE.*"? "NOUN"? [lemma="essere"]
"PUN"? "ART | PRE.* | ADV" {0,2} "PUN"?2:"NOUN"

#8 HYPERNYM e altro HYPONYM

np1 [lemma="e"] [lemma="altro"] "ART"?2:"NOUN" "ADJ"? "PRE.*"? "NOUN"? "PRE.*"?
"NOUN"? "ADJ"?

*DUAL

="%w" is meronym of... / "%w" is holonym of...

#1 MERONYM essere costituire | comporre | fare "di | da | dai | dagli | dall. | con HOLONYM

np1 [lemma="essere"] [word="compost. | costituit. | compres."] "PRE.*"
"ART | ADJ | NUM | ADV" {0,2}2:"NOUN"

#2 MERONYM fare | essere | formare parte di | dell. | dei | degli HOLONYM

np1 [lemma="fare | essere | formare"] [lemma="parte"] [word="di | dell. | dei | degli"]
"ART* | NUM"? "ADV"? "ADJ"?2:"NOUN"

*DUAL

="%w" is holonym of... / "%w" is meronym of...

#3 dividere | suddividere | separare HOLONYM in MERONYM

[lemma="dividere | suddividere | separare"] "ART" np1 [lemma="in"]
"ADJ | NUM | ADV"?2:"NOUN"

#4 HOLONYM/MERONYM costituire | comprendere | comporre MERONYM/HOLONYM
(holónimo ou merónimo – dependendo se o sujeito da frase é animado ou inanimado)

np1 [lemma="costituire | comprendere | comporre"] "ART"?2:"NOUN"

#5 HOLONYM essere compost. | costituit. | compres. Prep MERONYM

np1 [lemma="essere"] [word="compost. | costituit. | compres."] "PRE.*"
"ART|ADJ|NUM|ADV"{0,2}2:"NOUN"

#6 HOLONYM essere insieme di MERONYM

np1 [lemma="essere"] "ART*" [lemma="insieme"] [lemma="di"] "ADJ|NUM|ART"?2:"NOUN"

*DUAL

="%w" is caused by-effect of.../"%w" causes...

#1 RESULT-EFFECT risultare | derivare da | dall. | da.CAUSE

np1 [lemma="risultare | derivare"] [word="da | dall. | da."] "ADV|NUM|ADJ"{0,2}2:"NOUN"

#2 RESULT-EFFECT essere implicat. | causat. | provocat. CAUSE

np1 [lemma="essere"] [word="implicat. | causat. | provocat."]
"ART|PRE.*|ADV"?2:"NOUN|VER.*"

*DUAL

="%w" causes.../"%w" is caused by-effect of...

#1 CAUSE funzionare come | da RESULT-EFFECT

np1 [lemma="funzionare"] [lemma="come | da"] "ART|NUM"?2:"NOUN"

#2 CAUSE avere come | per funzione | obiettivo | obbiettivo | ruolo | finalità | risultato RESULT-EFFECT

np1
[lemma="avere"] [lemma="come | per"] [lemma="funzione | obiettivo | obbiettivo | ruolo | finalità | risultato"] "ADJ"? "ART|NUM"2:"NOUN"

#3 CAUSE implicare | causare | provocare RESULT-EFFECT

np1 [lemma="implicare | causare | provocare"] "ART | PRE.* | ADV"?2:"NOUN"

*DUAL

="%w" is instrument for.../"%w" results from the use of...

#1 INSTRUMENT che essere utilizzare | servire da | come | per EVENT

np1

[lemma="che"]?[lemma="essere"]?[lemma="utilizzare | servire"][[lemma="da | come | per"]2:"VER.* | NOUN"]

*DUAL

="%w" has as characteristic.../"%w" is a characteristic of...

#1 SOMETHING essere CHARACTERISTIC

np1[lemma="essere"] "ADV"?2:"ADJ"