

Semantic Package v1.1

Summary: This document describes an ontology that aims to capture the semantics of documents through a set of key aspects in texts, such as the temporal dimension, presence of named entities, detection of opinionated information, or conceptual classifications. In addition, the ontology provides a lexical dimension, where the sentence of each document, and a possible summary derived from it, are taken into account. These are determining factors for setting up our own interpretation of possible scenarios (a meta-level specification) and vocabulary. Since our ontology aims to be reused by a large community, we tried to establish basic NLP terminology that was hierarchized by experts in this research field.

This ontology is designed using English terms for ensuring a common understanding among the semantic community. In addition it is public available in "<https://github.com/perma-id/w3id.org/tree/master/nlp/semanticpackage>" under the exploitation usage license "Creative Commons Attribution 3.0 Unported License".

Annotation format: OWL

extension: .owl

Operative Environment: ALL

Source files:

Context:

- <https://w3id.org/nlp/semanticpackage/1.1>

Individuals examples:

- https://w3id.org/nlp/semanticpackage/bucket_BarcelonaOpen2015

Requirements: no further requirements needed for using this ontology