

Predicate-Argument EXtractor (PAX)

Submitted by [ralf](#) [1] on Fri, 2011-04-01 08:12

- [GATE Components](#) [2]
- [GATE Components](#) [3]
- [nlp](#) [4]
- [NLP](#) [5]

Title	Predicate-Argument EXtractor (PAX)
Publication Type	Conference Paper
Year of Publication	2010
Refereed Designation	Refereed
Authors	Krestel, R. [6], R. Witte [7], and S. Bergler [8]
Conference Name	New Challenges for NLP Frameworks
Pagination	51--54
Date Published	May 22
Publisher	ELRA
Conference Location	Valletta, Malta
Keywords	GATE Components [9], NLP [10]
Abstract	In this paper, we describe the open source GATE component PAX for extracting predicate-argument structures (PASs). PASs are used in various contexts to represent relations within a sentence structure. Different ``semantic'' parsers extract relational information from sentences but there exists no common format to store this information. Our predicate-argument extractor component (PAX) takes the annotations generated by selected parsers and transforms the parsers' results to predicate-argument structures represented as triples (subject-verb-object). This allows downstream components in an analysis pipeline to process PAS triples independent of the deployed parser, as well as combine the results from several parsers within a single pipeline.
URL	http://www.lrec-conf.org/proceedings/lrec2010/workshops/W10.pdf [11]
Copyright	Copyright © 2010 Ralf Krestel, René Witte, and Sabine Bergler. All rights reserved.
Attachment	Size
lrec2010-pax.pdf [12]	405.72 KB



Except where otherwise noted, all original content on this site is copyright by its author and licensed under a [Creative Commons Attribution-Share Alike 2.5 Canada License](#).

Source URL (retrieved on 2026-01-25 16:24): <https://www.semanticsoftware.info/biblio/predicate-argument-extractor-pax>

Links:

[1] <https://www.semanticsoftware.info/users/ralf>

- [2] <https://www.semanticsoftware.info/category/project/tools-resources/gate-components>
- [3] <https://www.semanticsoftware.info/category/blog-tags/gate-components>
- [4] <https://www.semanticsoftware.info/category/blog-tags/nlp>
- [5] <https://www.semanticsoftware.info/category/topic/nlp>
- [6] <https://www.semanticsoftware.info/biblio/author/6>
- [7] <https://www.semanticsoftware.info/biblio/author/1>
- [8] <https://www.semanticsoftware.info/biblio/author/7>
- [9] <https://www.semanticsoftware.info/biblio/keyword/1>
- [10] <https://www.semanticsoftware.info/biblio/keyword/3>
- [11] <http://www.lrec-conf.org/proceedings/lrec2010/workshops/W10.pdf>
- [12] https://www.semanticsoftware.info/system/files/lrec2010-pax_0.pdf