

DiZer

1. BASIC INFORMATION

1.1 Tool name

DiZer.

1.2 Overview and purpose of the tool

DiZer 2.0 is a web interface for discourse parsing.

1.3 A short description of the algorithm

DiZer 2.0 (available at <http://caravelas.icmc.usp.br/dizer2/>) is a web interface for discourse parsing. It is based on DiZer (Pardo and Nunes, 2008), the first discourse parser for Brazilian Portuguese. The system aims at producing the discourse structure of a source text following the Rhetorical Structure Theory – RST (Mann and Thompson, 1987), one of the most used discourse theories in Computational Linguistics and Natural Language Processing.

DiZer 2.0 also allows the customization for other languages, being minimally necessary a discourse segmenter and a list of discourse patterns, which correlate text superficial markers to RST characteristics. DiZer 2.0 is currently customized for Brazilian Portuguese and Spanish.

2. TECHNICAL INFORMATION

2.1 Software dependencies and system requirements

Web executable through <http://caravelas.icmc.usp.br/dizer2/>.

2.2 Installation

Not applicable.

2.3 Execution instructions

Not applicable.

2.4 Input/Output data formats

Input

Media type: Text

Output

Media type: Text

2.5 Integration with external tools

Not applicable.

3. CONTENT INFORMATION

3.1 A test input file

Not applicable.

3.2 The output file

Not applicable.

3.3 Approximation of the time necessary to process the test input file.

It varies with the input size.

4. ADMINISTRATIVE INFORMATION

4.1 Contact person

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5. LICENSE

This tool is free for research purposes under an [Apache License V2.0](http://www.apache.org/licenses/LICENSE-2.0) (available at <http://www.apache.org/licenses/LICENSE-2.0>). It is available on the META-SHARE platform.

6. RELEVANT REFERENCES AND OTHER INFORMATION

Maziero, E.G. and Pardo. T.A.S. (2010). DiZer 2.0 – a Web Interface for Discourse Parsing. In the Extended Activities Proceedings of the 9th International Conference on Computational Processing of Portuguese Language - PROPOR. April 27-30, Porto Alegre/RS, Brazil.