

CSTParser

1. BASIC INFORMATION

1.1 Tool name

CSTParser.

1.2 Overview and purpose of the tool

CSTParser is a multi-document discourse parser.

1.3 A short description of the algorithm

CSTParser is a multi-document discourse parser. Based on machine learning techniques and hand-crafted rules, the system identifies a set of relations predicted by CST (Cross-document Structure Theory) among sentences of different texts on the same topic.

2. TECHNICAL INFORMATION

2.1 Software dependencies and system requirements

Web Executable.

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

Language: Portuguese

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

Name: Thiago A. S. Pardo

Address: Avenida Trabalhador São-carlense, 400

– Centro 13566-590 São Carlos-SP Brazil

Affiliation: Instituto de Ciências Matemáticas e de Computação – USP

Position: Professor Doutor

Telephone: +55 (16) 3373-8170

Fax: +55 (16) 3373-9650

E-mail: taspardo@icmc.usp.br

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. (2012). CSTParser - a multi-document discourse parser. In the (on-line) Proceedings of the PROPOR 2012 Demonstrations, pp. 1-3. April 17-20, Coimbra, Portugal.