

Toposław – readme

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About

Toposław is a tool that facilitates creation of electronic inflectional dictionaries of multi-word units. It is developed at the Institute of Computer Science, Polish Academy of Sciences, Warsaw.

Toposław homepage:

- official: <http://zil.ipipan.waw.pl/Toposlaw/>
- development (with main bugtracker): http://bitbucket.org/piotr_sikora/toposlaw/

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The program is based on ideas and work of:

Agata Savary

Marcin Woliński

Małgorzata Marciniak

Joanna Rabiega-Wiśniewska

Celina Heliasz

License: GPL v.3

1 Requirements

Toposław is available on Linux and Windows and requires Java Runtime Environment (version 5+).

2 Standards for representation of linguistic information

Toposław currently uses a tagset described in: Marcin Woliński, System znaczników morfosyntaktycznych w korpusie IPI PAN, Polonica XXII-XXIII, str. 39–55, (2003).

Toposław accepts files encoded in Unicode, containing lists of multi-word units (one MWU per line) as input.

Toposław has multiple possible formats of output:

- XML (with custom schema)
- MULTIFLEX text files
- db4o object database

3 Installation

To install Toposław, download it from https://bitbucket.org/piotr_sikora/toposlaw/downloads/ and extract the archive. Then execute Toposław.jar to run the program.

4 Basic usage

Available at https://bitbucket.org/piotr_sikora/toposlaw/downloads, currently only in Polish.

5 Publications

- Marcin Woliński, Agata Savary, Piotr Sikora, Małgorzata Marciniak, Usability improvements in the lexicographic framework Toposław, In: Proceedings of 4th Language & Technology Conference, pages 321–325, Poznań 2009.
- Piotr Sikora, Marcin Woliński, Toposław — a Dictionary Creation Tool, in Recent Advances in Intelligent Information Systems, pages 743–749, Exit, Warszawa (2009).
- Małgorzata Marciniak, Joanna Rabięga-Wiśniewska, Agata Savary, Marcin Woliński, Celina Heliasz, Constructing an Electronic Dictionary of Polish Urban Proper Names, In: Recent Advances in Intelligent Information Systems, pages 233–246, Exit, Warszawa 2009.
- Piotr Sikora, Tools for creating electronic inflectional dictionaries of multi-word units, Master Thesis, University of Warsaw, Warszawa 2011.