

# Services of LINDAT/CLARIN Centre

Pavel Straňák, Jozef Mišutka, Eva Hajičová, Jan Hajič




# LINDAT/CLARIN

- Czech CLARIN
- 1 centre, 4 partners:
  - Charles University
  - Institute of Czech Language
  - Masaryk University of Brno
  - University of West Bohemia

# LINDAT/CLARIN Services

- Portal
  - Repository
  - Web applications
    - Web user interfaces
    - REST API
    - info and links to repository, PIDs

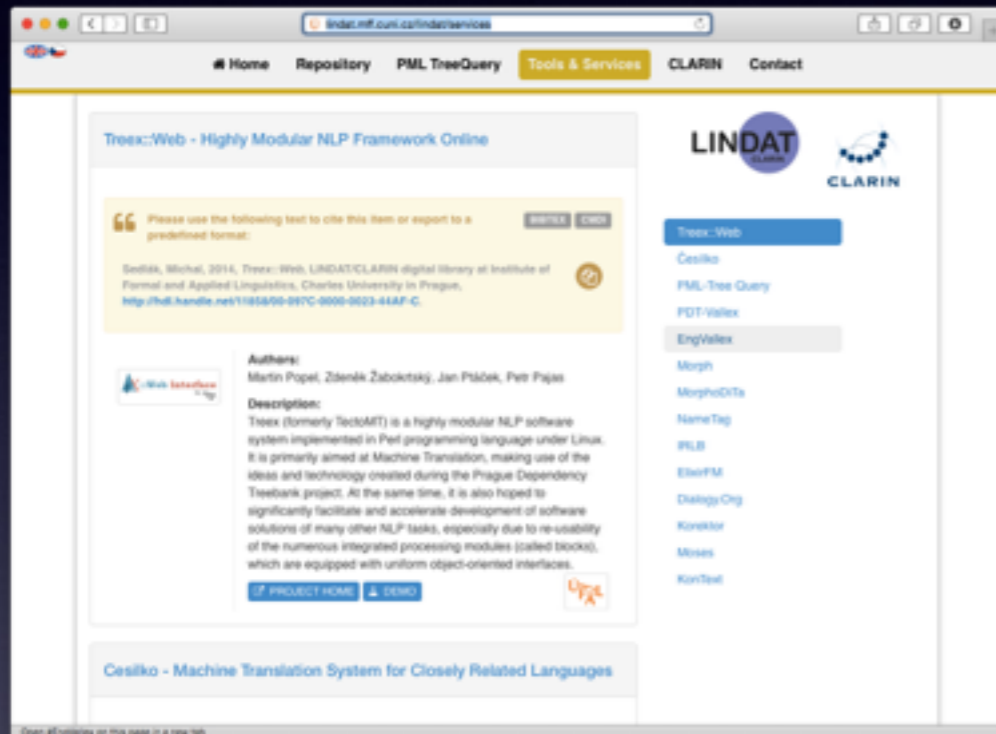
# Minimal Standards

- Free license 
- VCS system, world readable, with issue tracker
  - UFAL Redmine, or Github, Bitbucket, etc.
- Maintainer
- Good code quality and documentation
- REST API (if applicable)

# How we run

[lindat.mff.cuni.cz/services](http://lindat.mff.cuni.cz/services)

services-front server



worker 1

worker 2

worker 3

Česilko VM

Moses VM 2

Moses VM 3

Moses VM 1

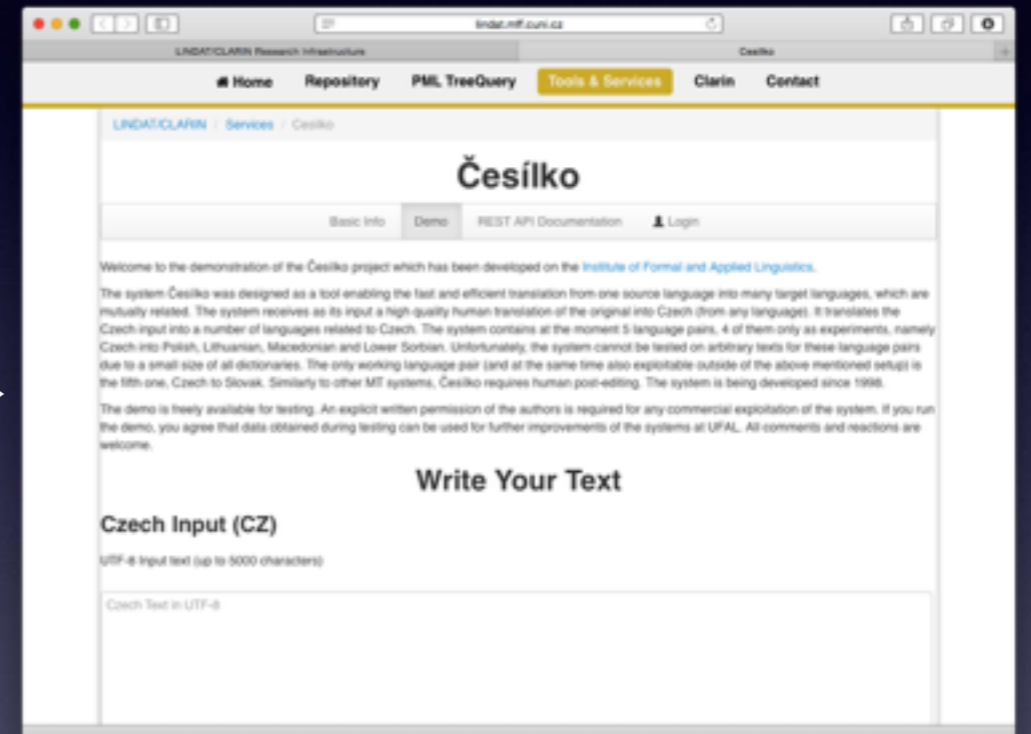
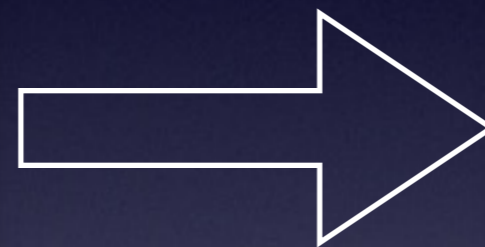
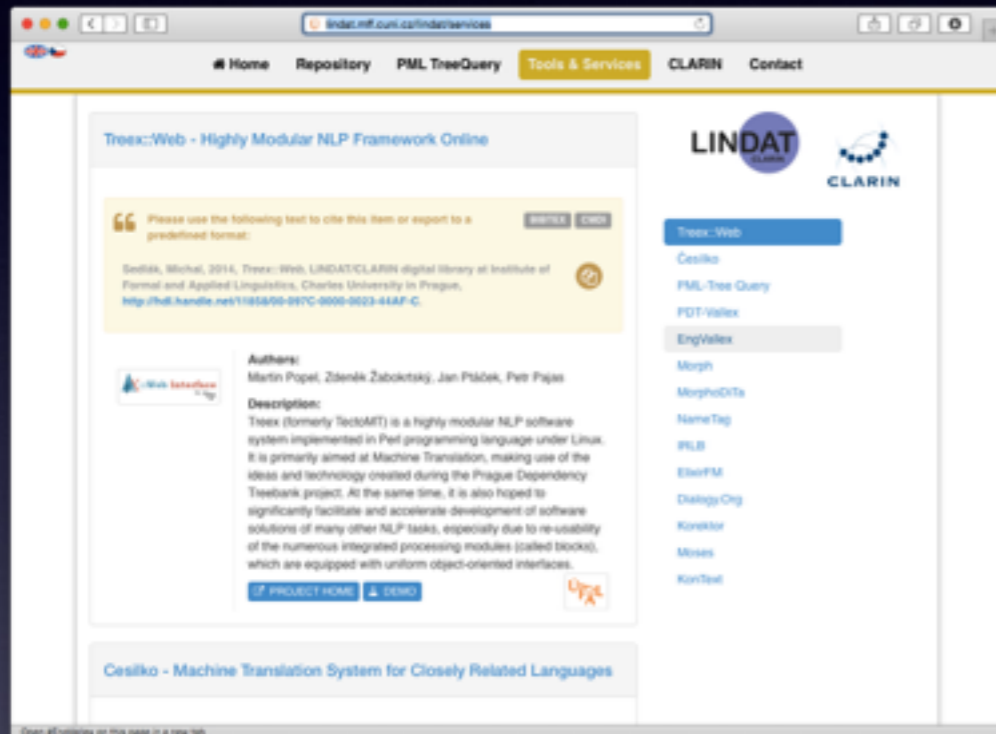
TreeX::Web VM

Moses VM 4

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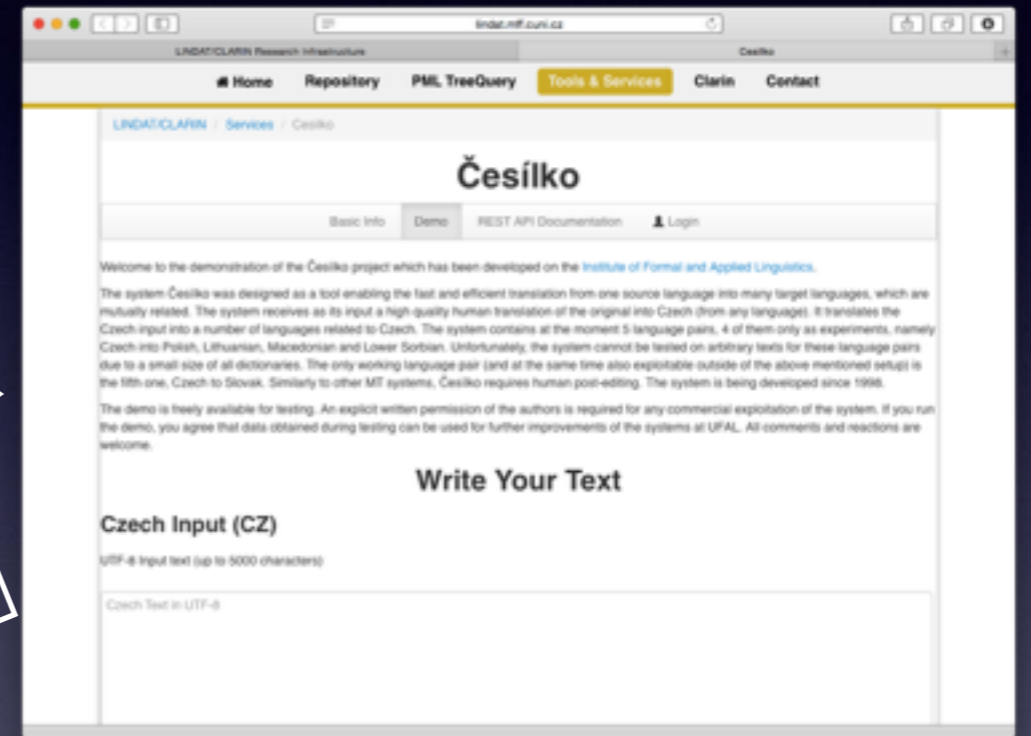
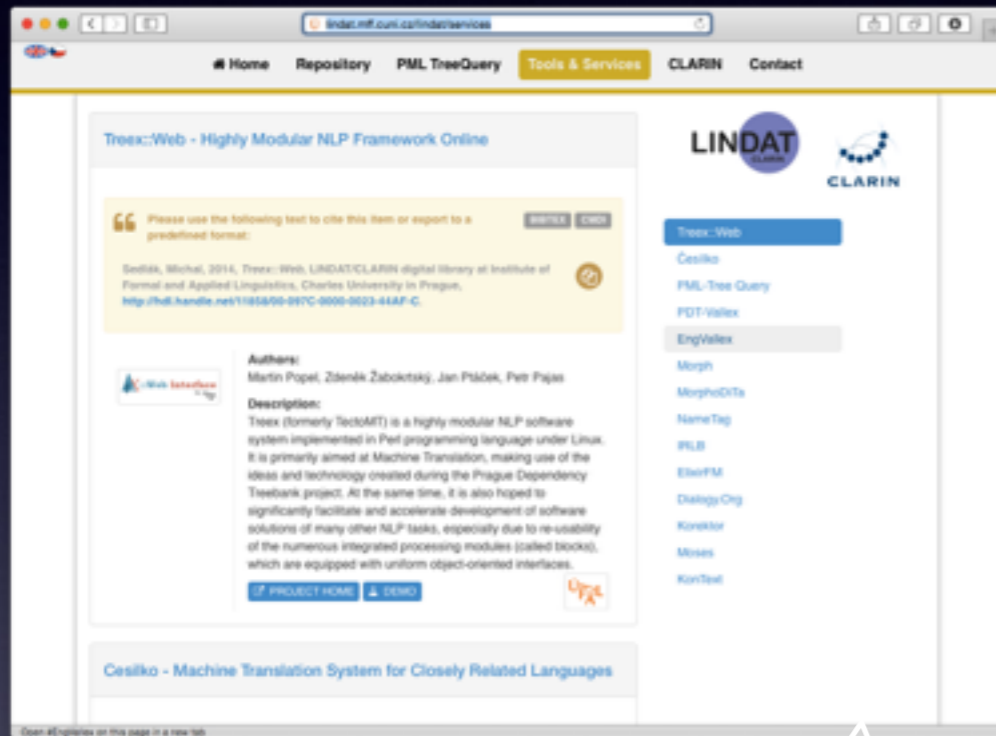
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Treex::Web VM

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Moses VM 3

Moses VM 4

## Treex::Web - Highly Modular NLP Framework Online

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BIBTEX CMDI

Sedlák, Michal, 2014, *Treex::Web*, LINDAT/CLARIN digital library at Institute of Formal and Applied Linguistics, Charles University in Prague, <http://hdl.handle.net/11858/00-097C-0000-0023-44AF-C>.



### Authors:

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### Description:

Treex (formerly TectoMT) is a highly modular NLP software system implemented in Perl programming language under Linux. It is primarily aimed at Machine Translation, making use of the ideas and technology created during the Prague Dependency Treebank project. At the same time, it is also hoped to significantly facilitate and accelerate development of software solutions of many other NLP tasks, especially due to re-usability of the numerous integrated processing modules (called blocks), which are equipped with uniform object-oriented interfaces.

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[DEMO](#)



Treex::Web

Česilko

PML-Tree Query

PDT-Vallex

EngVallex

Morph

MorphoDiTa

NameTag

IRLB

ElixirFM

Dialogy.Org

Korektor

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KonText

## Cesilko - Machine Translation System for Closely Related Languages



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