

Innovation and Creativity





















TypeCraft a Natural Language Database



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www.ntnu.no 23rd SCL, Uppsala 2008

TypeCraft

With TypeCraft the user adds linguistic annotation to written material which is stored in a relational database from where it can be retrieved using multiple views.



Texts as well as annotations are in Unicode. Annotated data can be exported to standard text editors (WORD, Open Office and LaTex) as well as to XML format. Archiving can be achieved through the export of XML with embedded DTD.

TC has been designed for projects on minority languages, joining linguists and native speakers. It is intuitive to use and allows wide and distributive usage.

TC uses PostgreSQL as database format and is written in the Java programming language. It can be freely used online with Mozilla Firefox, although at present a login is required.

TC runs on a server owned by NTNU.



We will show how textual data relevant for language documentation and/or for the presentation and publication of linguistic research can be annotated.

Outline

We demonstrate the basic functionality of TypeCraft including some of the basic data management tasks relevant for linguists.

You will see the TypeCraft Editor and the TypeCraft Communication and Collaboration Tool.

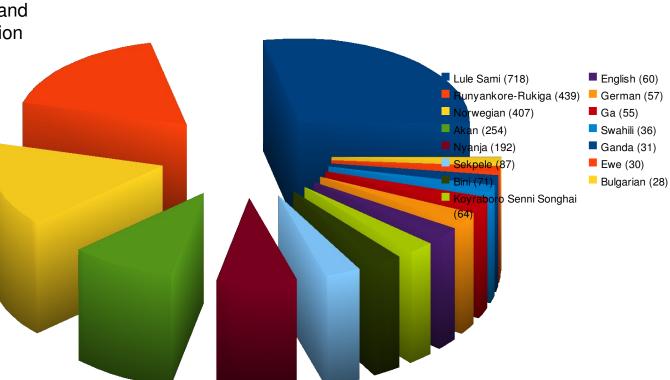
You will learn which role TypeCraft can play in the management of linguistic resources.

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www.ntnu.no outline

Some facts...

TypeCraft has at present 40 individual users, and serves as collaboration tool for 2 funded research projects



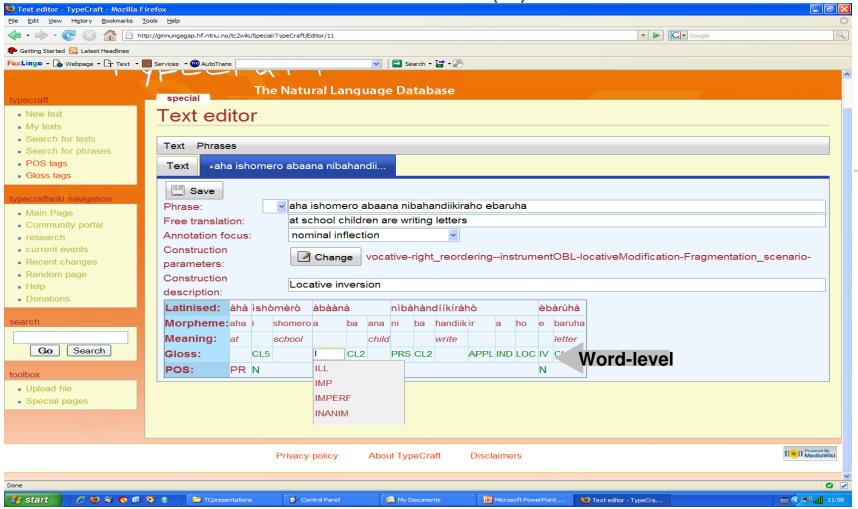
Top 15 languages

(by number of phrases)



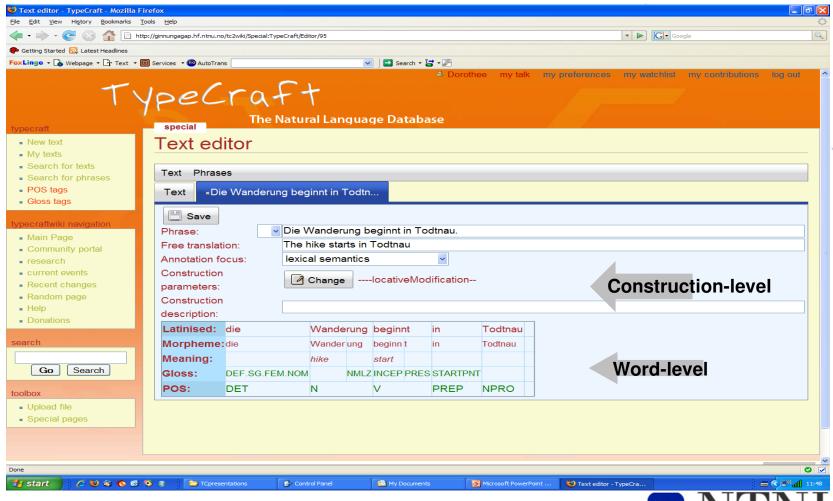
www.ntnu.no \(\) 23rd SCL - TC Facts

Review of the main functionality Word level annotation (1)

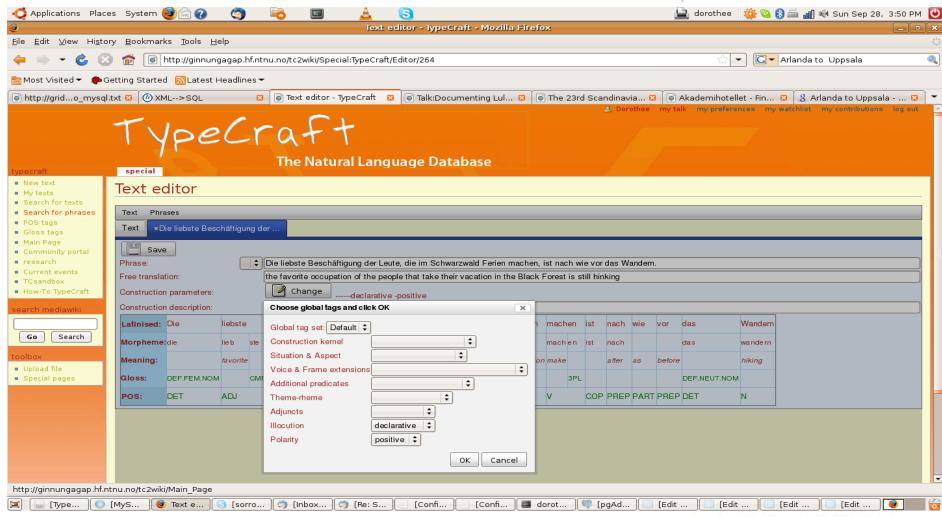




Meta level and word level annotation



Meta tags – Choice of tag set





Collaboration or Privacy – Your Choice

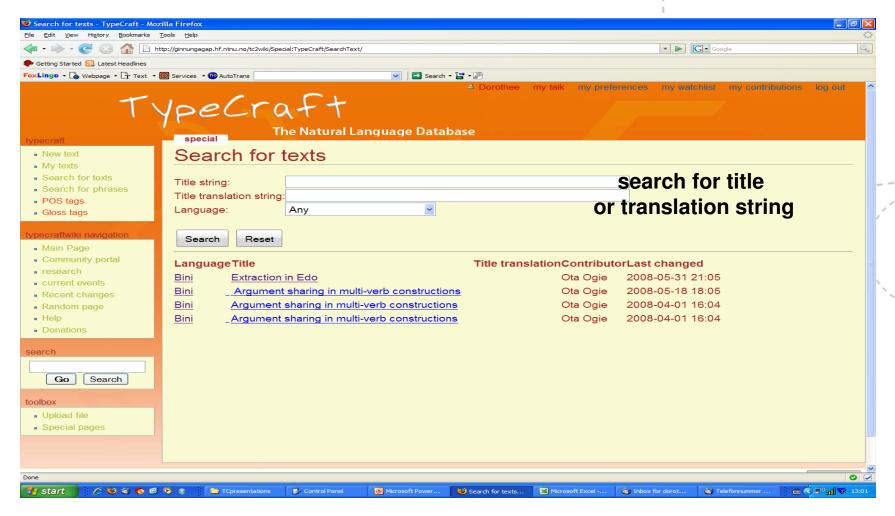
The text-editor interface allows you to select domains. A domain can be shared by several annotators.

Data can belong to a project so that it can be shared between several people, or it may be private, e.g., when annotation is done for graduate work or an academic publication.

Every user has a private domain, called MY TEXTS which allows him or her to access private data (private and shared) from the browser interface.

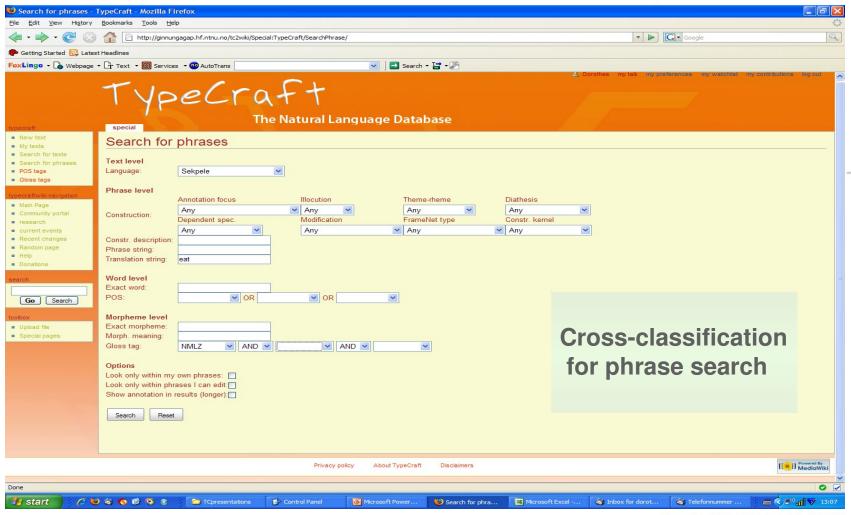


SEARCH – select a language Text Search



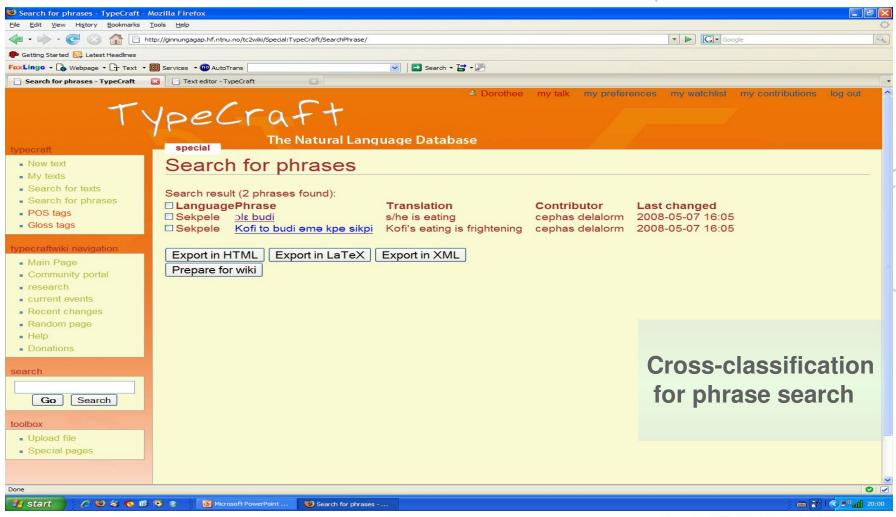


Search within phrases - input mask



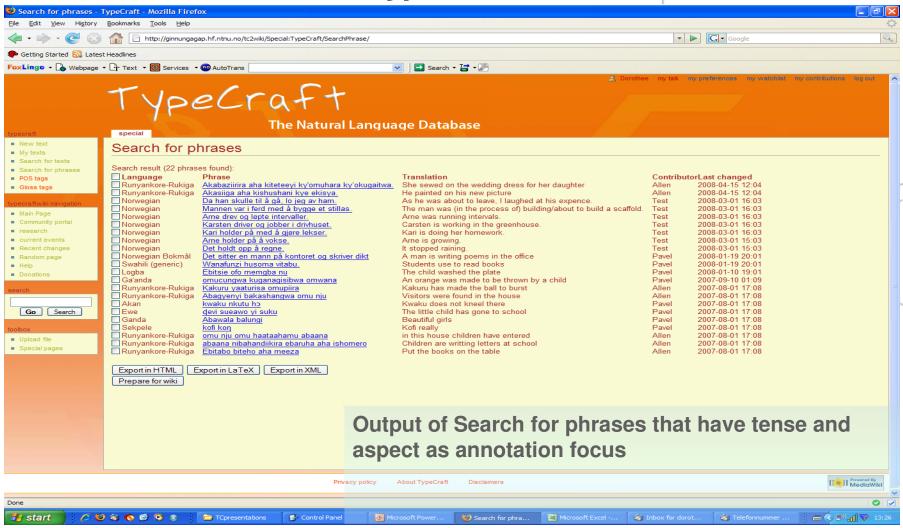


Search within phrases - output



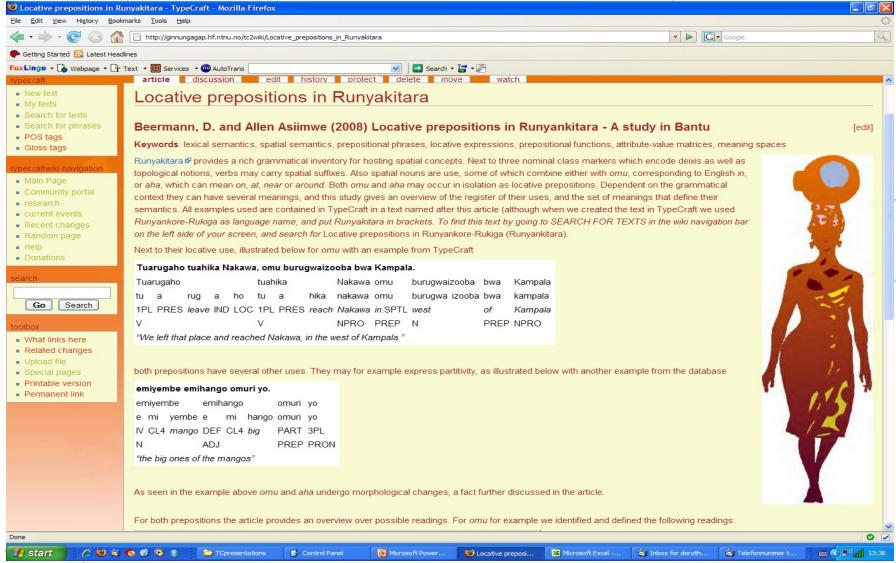


Search for construction types



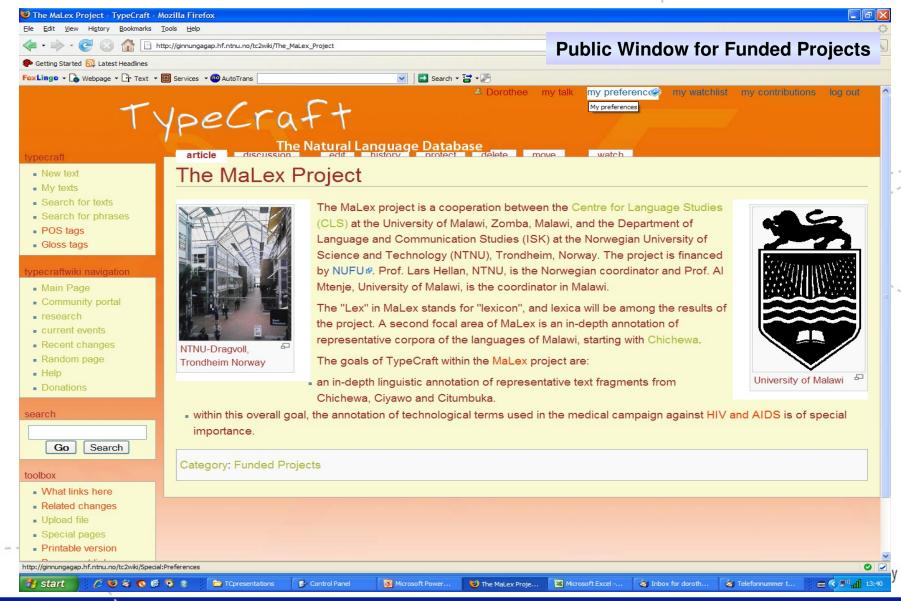


The TypeCraft Publishing Tool article preview



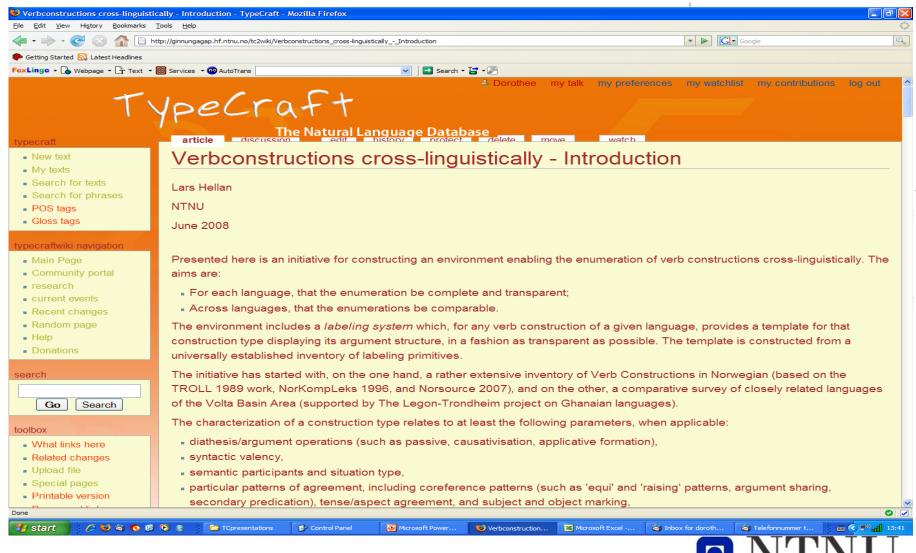
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The TypeCraft collaboration tool project home page



www.ntnu.no The TC-collaboration tool

The TypeCraft Research Networks



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How do I start to use TypeCraft?

Open Firefox



ww.mozilla.com/en-US/firefox

Go to



www.typecraft.org

Ask for a login
Login, go to *NEW TEXT*
Insert text that you would like to annotate
Enter the annotation editor - annotate
Next time you login you will find your newly annotated text in *MY TEXT*

THAT SIMPLE



www.ntnu.no See you on TypeCraft :=)

