

Parallel corpora and tools

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[EUROPARL7, en](#)

I am sure the President-in-Office of the Council is a very nice man and is very kind to his wife and his children and his **dog** .

When I feed a **dog** and it bites me then I will not feed it any more because otherwise it may bite me again .

The tail is wagging the **dog** .

However , a conscious attempt has been made to find a stick to beat a **dog** .

As they say in my country , though , when you want to kill your **dog** , you accuse it of having rabies .

I know that here in Europe and in certain continents , man ' s best friend , the **dog** , has a passport in order to be able to travel from one country to another .

[EUROPARL7, de](#)

Ich bin sicher , der amtierende Ratspräsident ist ein netter Mann , der seine Frau , seine Kinder und seinen **Hund** gut behandelt .

Wenn ich einen **Hund** füttere , und er beißt mich , werde ich ihm kein Futter mehr geben , denn dann könnte er mich wieder beißen .

Der Schwanz wackelt mit dem **Hund** .

Man hat jedoch bewusst versucht , einen Stock zu finden , um den **Hund** zu prügeln .

Doch wie es in meinem Land heißt , wenn man seinen **Hund** töten will , dann behauptet man , er habe die Tollwut .

Ich weiß , dass hier in Europa und auf einigen Kontinenten der beste Freund des Menschen , der **Hund** , einen Pass besitzt , um von einem Land in ein anderes reisen zu können .

Implementation

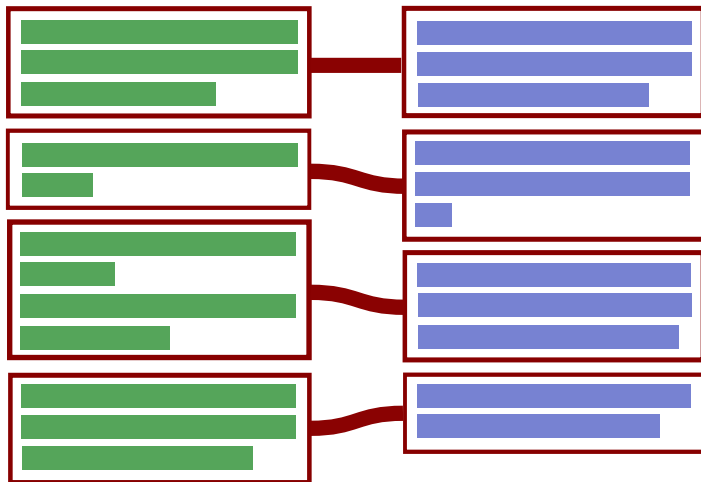
1 : 1 alignment

- aligned using a special structure (`<align>`)
- simple to understand

1 : 1 alignment

- aligned using a special structure (`<align>`)
- simple to understand
- but everything must be aligned (no gaps)
- and not really useful for more than two languages

1 : 1 alignment

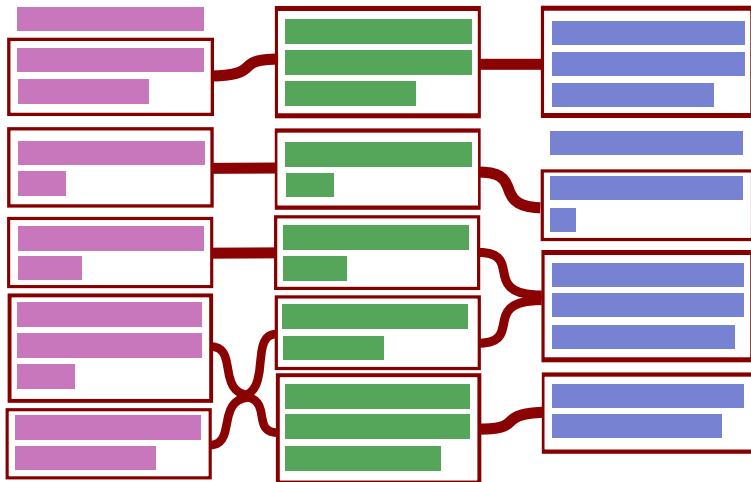


$m : n$ alignment

- m sentences to n sentences
- needs a mapping file for every pair of corpora
- gaps are allowed
- one corpus for each language, aligned to each other

- m sentences to n sentences
- needs a mapping file for every pair of corpora
- gaps are allowed
- one corpus for each language, aligned to each other
- mapping must still be sequential

$m : n$ alignment



Preloaded corpora

- Old 1 : 1 corpora: ~~Europarl3, OPUS~~
- Europarl7 (2M English sentences, spoken, by Philipp Koehn)
- DGT (4M English sentences, translation memory)
- OPUS2 (130M English sentences)

- Old 1 : 1 corpora: ~~Europarl3, OPUS~~
- Europarl7 (2M English sentences, spoken, by Philipp Koehn)
- DGT (4M English sentences, translation memory)
- OPUS2 (130M English sentences):
 - EU documents
 - UN documents
 - movie subtitles
 - Tatoeba
 - software localization
 - etc.

(based on data from the OPUS project by Jörg Tiedemann)

Upcoming preloaded corpora

- DCEP (EP – EuroParl)
- JRC-Acquis
- update OPUS, make subcorpora directly visible

- using statistical dictionaries generated from parallel corpora

DGT, English

Johnstown **Castle** Estate, County Wexford Tél.

Castle construction work

Wines produced from grapes harvested in vineyards exploited by a holding, where there is a building or ruins of historical **Castle** and the wine making is carried out in this holding.

St Abb's Head to Fast **Castle**

Wines produced from grapes harvested in vineyards exploited by a holding, where there is a building or ruins of historical **Castle** and the wine making is carried out in this holding.

DGT, French

Johnstown **Castle** Estate, County Wexford

Travaux de construction de **châteaux**

Vins produits à partir de raisins récoltés dans les vignobles cultivés par une exploitation qui comporte un bâtiment ou des ruines d'un **château** historique, et la fabrication de vin est réalisée au sein de cette exploitation.

St Abb's Head to Fast **Castle**

Vins produits à partir de raisins récoltés dans les vignobles cultivés par une exploitation qui comporte un bâtiment ou des ruines d'un **château** historique, et la fabrication de vin est réalisée au sein de cette exploitation.

User corpora

- TMX is a good input format for 1 : 1 bilingual data

```
<tu creationdate="20120611T223136Z" creationid="AV">
  <tuv lang="CS">
    <seg>Náš nejlehčí cepín určený zejména pro skialpinis-
    mus, výškové horolezectví a všechny podniky, kde váha
    hraje důležitou roli.</seg>
  </tuv>
  <tuv lang="EN-GB">
    <seg>Our lightest ice axe designed especially for ski
    mountaineering, height climbing and all trips where
    weight plays an important role.</seg>
  </tuv>
</tu>
```


Create parallel corpora from TMX file

Corpus name (CS)	<input type="text" value="TMX_Data, Czech"/>
Corpus language (CS)	<input type="text" value="Czech"/>
Corpus name (EN-GB)	<input type="text" value="TMX_Data, English"/>
Corpus language (EN-GB)	<input type="text" value="English"/>

Bilingual, English: Download corpus

Format plain text
 vertical
 TMX

Aligned corpus

Structure name for files

The contents of each file will be enclosed in a XML like structure of the specified name with the filename as its id attribute and the URL (if available) as the url attribute. If the field is left empty, no such structure will be added to the downloaded file (document boundaries may be lost).

Cancel

OK

- automatic sentence-alignment of non-aligned (or document-aligned) data
- manual adjustment of aligned chunks
- import from Excel spreadsheets (i.e. parallel corpora for normal people ;)