The Soap Project

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Question

Question

Computer or Rechner?

What is the state of Anglicisms in German?

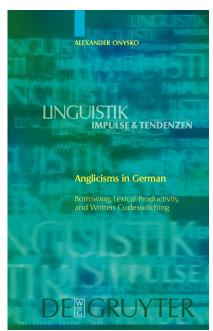
Which kind of words?

How often are they used?

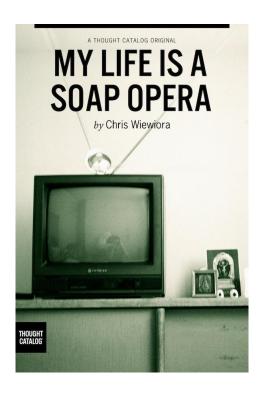
When?

Where?

By whom?

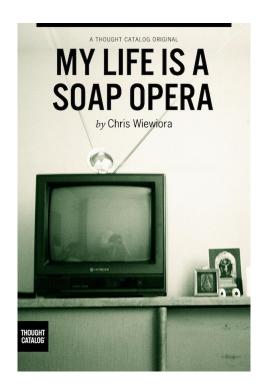


Soap operas = a reflexion of life?



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How are Anglicisms used & distributed in German soap operas?



Possible uses

- Language teaching
- A historical perspective
- Contrastive: insight into sociolects, regional variety

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Corpus

Start from scratch

German soap operas



























SCHLOSS EINSTEIN





German soap operas - subtitled











German soap operas - subtitled

- (Lindenstraße)
- ARD/ZDF (Public broadcasting)
- Online in Mediathek
 - video.flv + subtitle.xml









German soap operas - subtitled

- ARD/ZDF (Public broadcasting)
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- § 11d RStV
- Only available for 7 days















https://www.youtube.com/watch?v=aWxvXIh1mRU



- Weekly, since 1985
- Shows city life

- Subtitles were not removed from Mediathek
 - Crawled 193 episodes
 - 2010 now
- "A historical perspective"?





https://www.youtube.com/watch?v=KVSoAFPmIII



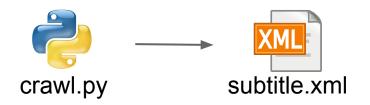
- Daily, since 2007
- Shows country life
 - Dialect

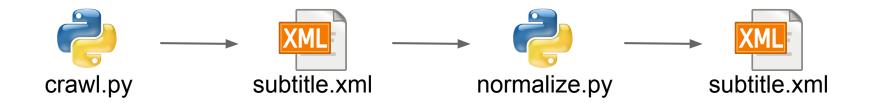
- Started crawling in April
 - Crawled 12 episodes
- "Contrastive: sociolects + regional variety"?

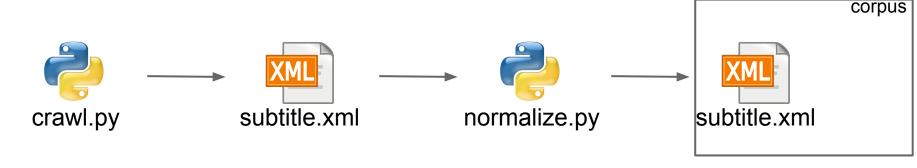




```
 Vielleicht ein bisschen? 
 Handy klingelt 
 Das ist Iffi. 
 Sie kommt über Weihnachten vorbei. 
 Wie gehts ihr? <br/>
 Scheidung?
```







- Corpus 340.395 words
 - Lindenstrasse: 304.729 words in 193 episodes
 - Dahoam is Dahoam: 35.666 words in 12 episodes
- ©ARD

Our process & methods

Chop it up

Check if the tokens are in an English wordlist

Our process & methods

Chop it up

Check if the tokens are in an English wordlist

```
>>> import nltk
```

Using the Natural Language Toolkit

Folge 1459 "Oktober suchen", 08.12.2013



1304.xml: Hast du einen *Moment* für mich?

It's raining noise



It's raining noise

```
1304.xml: Hast du einen Moment für mich?
```

1356.xml: Er kommt dann mit "Pilot"

Improving the algorithm to deal with ambiguity

The question remains: when is a borrowed word fully part of a language? Where will we draw the line? How can we improve our results?

A: Part of Speech Tagging

B: Colocation

C: Cross-referencing with a German Wordlist

D: Scrape information from online dictionaries

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E: A noise list

Improving the

The question re Where will we or How can we im ully part of a language?

A: Part of

B: Colocat

C: Cross-r

D: Scrape information from online dictionaries

E: A noise list

Analysis

- Statistical analysis
 - Frequency
 - Change of usage over time
 - Relation between user groups and usage
 - Collocation: where do Anglicisms appear?

Analysis

- Qualitative analysis
 - Semantical categories



Outlook

What we have

- Corpus
 - Lindenstrasse (193 episodes)
 - Dahoam is Dahoam (12 episodes)
- Simple English language detection algorithm
 - based on nltk
- 8 weeks of "Vorlesungszeit"

What we need to do

- Improve English language detection algorithm
- Quantitative analysis
- Qualitative analysis
- Visualization of results
- Detection of loanwords
 - gedownloaded
 - gecherrypicked

When do we do it

	CW 22	CW 23	CW 24	CW 25	CW 26	CW 27	CW 28	CW 29	CW 30+
Bert	Improv	ve English la	anguage de	etection		Detection of			
Stefan	algorithm					itative lysis			

When do we do it

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- If we finish early
 - Extend corpus
 - Improve algorithms

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- If we finish early
 - Extend corpus
 - Improve algorithms

- If we have problems
 - No visualization
 - Reduce qualitative analysis

First results

...don't trust them



english words
total words
* 100 = 0,68%



english words total words * 100 = 0,53%





english words	*	100	=	0.53%
total words	_	100		0,0070

51	Job	6	Handy
39	Handy	5	Tablet
30	Hi	5	Date
25	Party	4	Mike
24	Society	4	F
22	Chef	3	Designer
18	Internet	3	Gaudi
14	Video	3	Baum
13	Computer	3	cut
12	cool	3	Tumor

Sources of inspiration

Anglicisms in German and other languages

Anglicisms in German: Borrowing, Lexical Productivity, and Written Codeswitching.

Onysko, Alexander and Walter de Gruyter, 2007

The impact of nominal anglicisms on the morphology of modern spoken German. Hunt. Jaime. 2011.

Investigating loan words and expressions in tourism discourse: a corpus driven analysis on the BBC-travel corpus. Gandin, Stefania in European Scientific Journal, Jan 15, 2014, Vol.10(2)



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Sources of inspiration

On corpus-based research into lexical borrowing

Pimp my Lexis: het nut van corpusonderzoek in normatief taaladvies

Van de Velde, Freek ; Zenner, Eline

A usage-based onomasiological approach to measuring the success of loanwords

Zenner, Eline

Tendencies of using loan words in the Corpus of the Lithuanian language Rudzevičius in Povilas Kalbos kultūra, 2005, Issue 78, p. 210-219

Corpora as lexicographical basis – The case of anglicisms in Norwegian



Sources of inspiration

Non-academic publications on Anglicisms in German

http://www.brighthubeducation.com/learning-german/74147-anglicisms-in-german-language/

http://www.theguardian.com/world/2011/feb/01/german-language-english-words-leaken

On Anglicisms in general

The Anglicization of European Lexis

Ed. Cristiano Furiassi, Virginia Pulcini, Félix Rodríguez González

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Discussion & Future