HPLT Analytics report

@HPLTAnalytics

General overview

Corpus	Analytics date	Language	
HPLT-docslite.cs.tsv	6/16/2024	Czech (cs)	

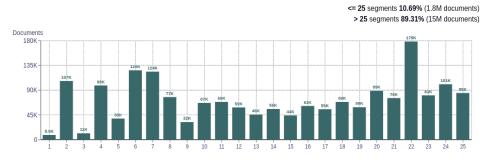
Volumes

Docs	Segments	Unique segments	Tokens	Size	Characters
16,987,093	2,096,798,338	422,078,440 (20.13 %)	23B	127.38 GB	

Top 10 domains

Domain	Docs	% of total	Domain	Docs
dnes.cz	360K	2.12	CZ	14M
locplayer.cz	259K	1.53	com	1.5M
ologspot.cz	251K	1.48	eu	487K
sleviste.cz	163K	0.96	net	308K
edb.cz	153K	0.90	org	273K
araoketexty.cz	149K	0.88	info	150K
veb.app	122K	0.72	арр	122K
irebaseapp.com	116K	0.68	sk	122K
liebuchsuche.com	114K	0.67	me	98K
u8.me	95K	0.56	de	30K

Documents size (in segments)



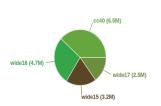
Documents by collection

% of total 79.84 8.87

2.87 1.81 1.60

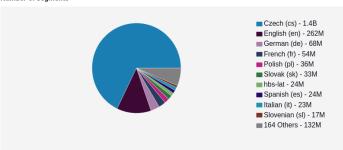
0.88 0.72 0.72 0.58 0.17

Top 10 TLDs

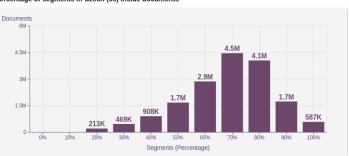


Language Distribution

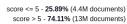
Number of segments

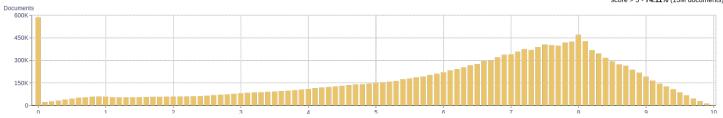


Percentage of segments in Czech (cs) inside documents



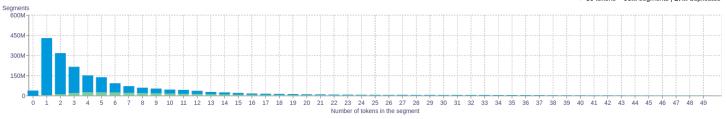
Distribution of documents by document score





Segment length distribution by token

<= 49 tokens = 360M segments | 1.6B duplicates > 50 tokens = 90M segments | 27M duplicates



■ Unique segments

■ Duplicated segments

About HPLT Analytics

Volumes - Segments

Segments correspond to paragraph and list boundaries as defined by HTML elements (, , , etc.) replaced by newlines.

Volumes - Tokens

 $To kenized\ with\ https://github.com/hplt-project/data-analytics-tool/blob/main/tokenizers-info.md$

Type-Token Ratio

Lexical variety computed as *number or types (uniques)/number of tokens*, after removing punctuation (https://www.sltinfo.com/wp-content/uploads/2014/01/type-token-ratio.pdf).

Document size (in segments

 $Segments\ correspond\ to\ paragraph\ and\ list\ boundaries\ as\ defined\ by\ HTML\ elements\ (, , , etc.)\ replaced\ by\ newlines.$

Language distribution

Language identified with FastSpell (https://github.com/mbanon/fastspell).

Distribution of segments by fluency score

Obtained with Monocleaner (https://github.com/bitextor/monocleaner).

Distribution of documents by average fluency score

Obtained with Monocleaner (https://github.com/bitextor/monocleaner).

Distribution of documents by document score

Obtained with Web Docs Scorer (https://github.com/pablop16n/web-docs-scorer/).

Segment length distribution by token

Tokenized with https://github.com/hplt-project/data-analytics-tool/blob/main/tokenizers-info.md

Segment noise distribution

Obtained with Bicleaner Hardrules (https://github.com/bitextor/bicleaner-hardrules/).

Fraguent n grame

Tokenized with https://github.com/hplt-project/data-analytics-tool/blob/main/tokenizers-info.md, after removing n-grams starting or ending in a stopword. Stopwords from https://github.com/hplt-project/data-analytics-tool/blob/main/scripts/resources/README.txt