

When the Past, Present and Future Collide

Agenor Hofmann-Delbor, Localize.pl

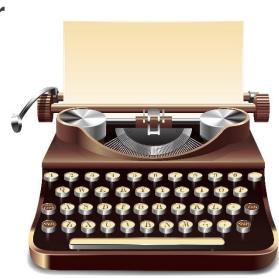


Translation industry loves typewriters

Exactly 60 characters in 30 lines = 1800 chars per page.

Other variants (incl. whitespaces): 1800, 1125, 1500.

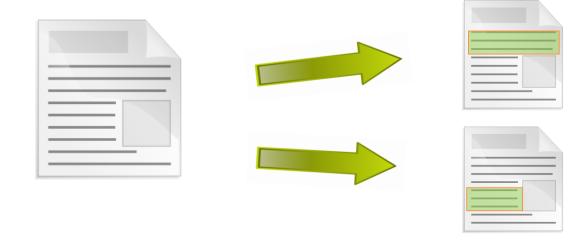
Traditionally, billing is based on the target text.



What about the 250 words per page standard?

Similarity of text





What is hidden in the document?

word[whitespace]word[whitespace]word.

Analysis: 4 words, 17 chars (whitespaces not included).

Estimating the no. of characters with whitespaces included:

No. of chars (whitespaces not incl.) + no. of words.



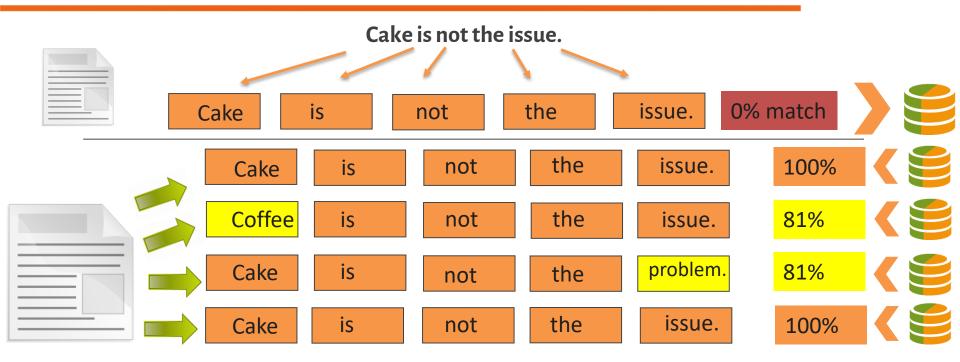


Databases - the heart of all technologies





Fuzzy matching





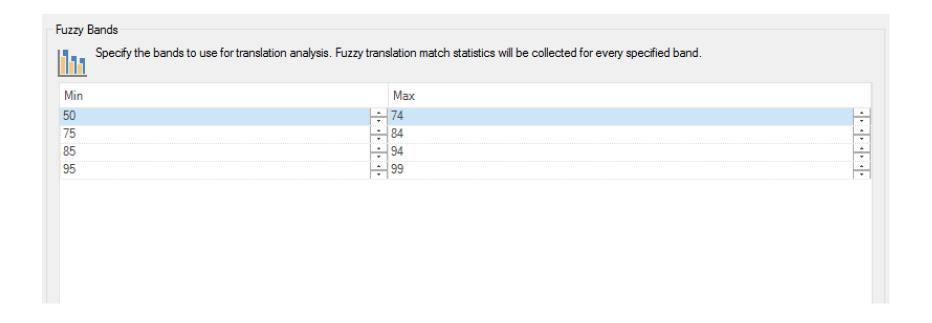
Estimating translation time and workload

Total	Type	Segments	Words	Characters	Percent
Files:1	Repetitions	2332	8704	47391	40.87%
Chars/Word:5.30	100%	0	0	0	0.00%
	95% - 99%	80	651	3378	3.06%
	85% - 94%	303	2519	13269	11.83%
	75% - 84%	264	1962	10257	9.21%
	50% - 74%	76	592	3123	2.78%
	New	907	6868	35520	32.25%
	Total	3962	21296	112938	100%





Artificial standard of fuzzy bands



Can we still find new ways of editing?

doc

xls

ppt

filles



Final Translation (target

doc







	Source text	Translation				
1	This is a sentence.	To jest zdanie.				
2	This is a new sentence.	To jest nowe zdanie.				
3	This is a sentence.	To jest zdanie.				
4	This is another new sentence.	To jest kolejne nowe zdanie.				
5	This sentence contains a term.					
6	Terms are added to the termbase.					



CAT tools use their own bilingual formats for saving draft translations



Using multiple resources





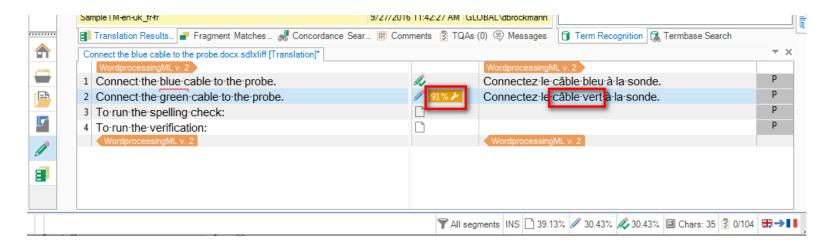


produ	
productivity increase	
productization	
productivity	
product name	
product code	

Source: D. Brockmann, SDL



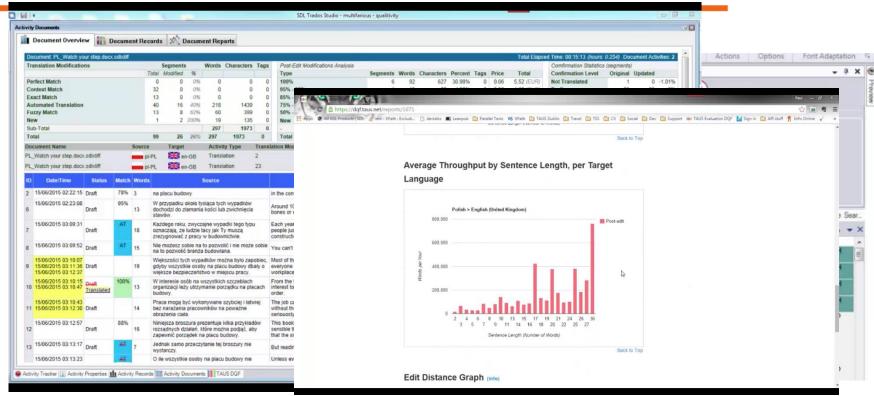
Repairing matches



Source: D. Brockmann, SDL

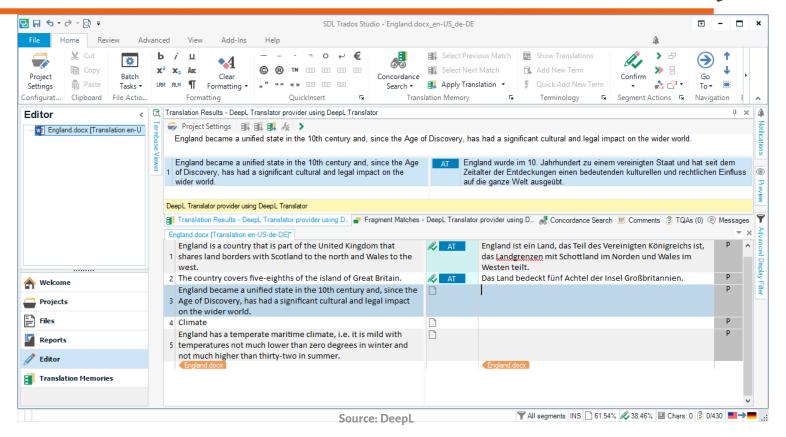


Big Brother, aka post-editing



Source: multifarious.Filkin.com

Neural Machine Translation is here to stay





Measuring the adaptive learning progress

Creating engine from the scratch. Running the initial analysis:

Туре	Segments	Words	Characters	Percent	Recognized Tokens	Fragment words (whole TU)	Fragment words (TU fragment)	AdaptiveMT Impact	Tags
AdaptiveMT Baseline	261	1315	6632	100.00%	207	0	0		92
AdaptiveMT with Learnings	0	0	0	0.00%	0	0	0	0.00%	0
Total	261	1315	6632	100%	207	0	0	0.00%	92

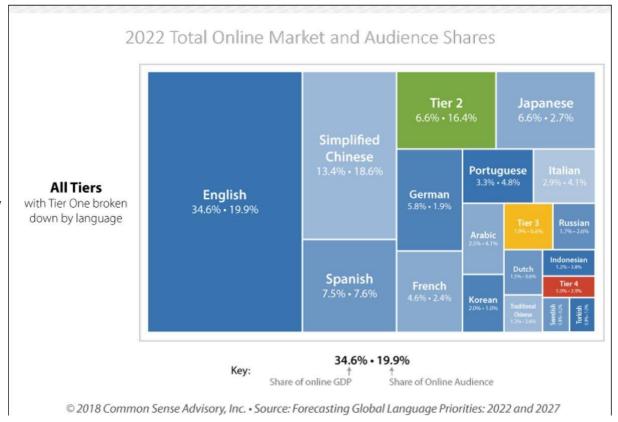
...and after some reviewing:

AdaptiveMT Baseline	255	1292	6511	98.25%	207	0	0	9	92
AdaptiveMT with Learnings	6	23	121	1.75%	0	0	0	44.00%	0
Total	261	1315	6632	100%	207	0	0	44.00%	92

Source: community.sdl.com, P. Filkin



Languages of business, 2022



Source: Common Sense Advisory





- Even more AI. Due to almost unlimited processing power, we can now apply AI to more domains.
- More AI in predictive text, editing and fixing matches.
- Even more automation in project management.
- Smart reviewing of NMT texts (forget about No Matches) no more postediting as we know it from SMT.
- Focus on hourly rates and increased productivity.

