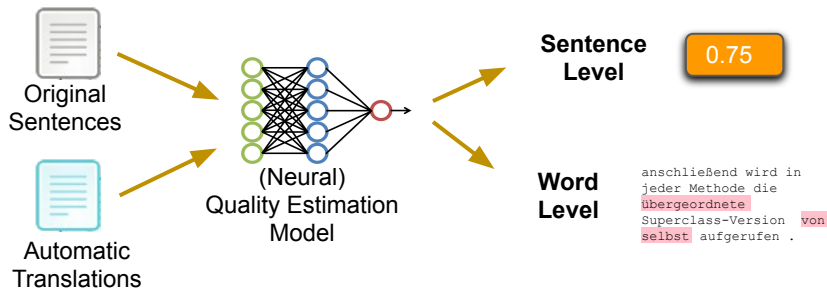




What is Quality Estimation of Machine Translation?



deepQuest-py

<https://github.com/sheffieldnlp/deepQuest-py>

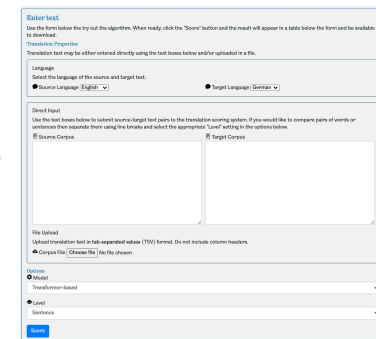
Light-Weight Distilled Models

Model	#params	Inference		
		Speed (secs.)	RAM (MiB)	Disk (M)
TransQuest _{XML-R-Large}	561M	0.82	9,263.5	2,140
TransQuest _{DistillBERT}	135M	1.09	1,979.2	517
BiRNN-Distilled	18M	0.39	155.6	132

Open-Source Software for Quality Estimation

	deepQuest	OpenKiw	TransQuest	deepQuest-py
Large SotA Architectures		✓	✓	✓
Lightweight models	✓	✓		✓
Pre-trained QE Models			✓	✓
Accessible for researchers	✓	✓	✓	✓
Accessible for end-users (e.g. translators)		?		✓

Web Tool



Command-Line Interface