kraken

	Fill in	Note
Name of the software	kraken	
Developer	Université PSL	
Version	1.0	
Year of publication	2019	
Description of the software	kraken is an optical character recognition package that can be trained fairly easily for a large number of scripts. In contrast to other systems requiring segmentation down to glyph level before classification, it is uniquely suited for the recognition of connected scripts, because the neural network is trained to assign correct character to unsegmented training data. ● Script detection and multi-script recognition support ● Right-to-Left, BiDi, and Top-to-Bottom script support ● ALTO, abbyXML, and hOCR output ● Word bounding boxes and character cuts ● Public repository of model files ● Lightweight model files ● Variable recognition network architectures	
Link to the software	http://kraken.re/	GitHub: https://github.com/mittagessen/kraken
Is it open-source	YES	

software?		
Is it free software?	YES	
License	Apache License 2.0	
Does it cost to use?	NO	
Does it collect any personal data?	NO	
Does it respect the right to forget?	N/A	
Application logs	kraken has a logging system.	
Does it contain an online user guide?	http://kraken.re/training.html	
Hardware configuration	No info available	
Software configuration	Debian/Ubuntu.	
Text data visualisation	YES	
Does it analyse pictures/photos?	YES	
Multiple languages	YES	
Third-party software products integration	NO	
Cross-platform support for desktop, tablet and mobile users	NO	
Scalability	NO	

Automatically creates database	YES	
Uses AI	YES	