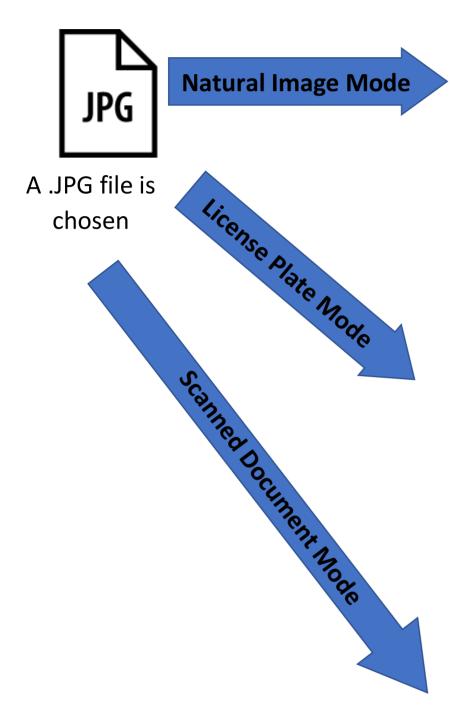
Optical Character Recognition

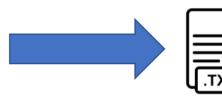
By: Marc Zoomers

How to application works:









PyOCR

With the use of an SWT-algorithm, it will make a high-contrast mask of the original image, that will improve the performance of the OCR-engine by more than 150%, compared to the original photo.







OPEN-ALPR

OPEN-ALPR uses the Wolf-Julien-method and the Sauvola-method to transform the image and uses a Local Binary Pattern algorithm to find license plates and read them out.

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The standard chunk of Lorem Ipsum used alnos the 1500s is reprobelow for those interested. Sections 1.10.32 and 1.10.33 from "de F Bonorum et Malorum" by Coero are also reproduced in their exact o



PyTesseract

The Tesseract developed by Google uses Otsu's algorithms and Otsu's method to find text from scanned documents. Thanks to Otsu's algorithm (also known as the Firefly-algorithm) it's very capable in finding re-occurring patterns in a photo in a very efficient way. With this ability it can outperform a lot of other algorithms that are used in OCR-engines.