

OCR Open Dataset 1 - COCO-Text

- <https://bgshih.github.io/cocotext/>

Dataset Explorer

26187/53686 PREVIOUS NEXT GO ☒ Show Annotations



Image ID: 354626
Number of instances: 19

Instance 102904	"Central"	▼
Instance 102905	"Ipswich"	▼
Instance 102906	"Nacton"	▼
Instance 102907	"Road"	▼
Instance 102908	"John"	▼
Instance 102909	"JN"	▼
Instance 102910	"F"	▼
Instance 102911	"Y294"	▼
Instance 102912	-	▼
Instance 102913	"BUSES"	▼
Instance 102914	-	▼

OCR Open Dataset 2 - FSNS

- <http://rrc.cvc.uab.es/?ch=6&com=introduction>



더많은 OCR 오픈 데이터셋

- <https://paperswithcode.com/datasets?task=optical-character-recognition&page=1>

The screenshot shows the 'Datasets' page on the Papers with Code website. The header includes a search bar, navigation links for 'Browse State-of-the-Art', 'Datasets', 'Methods', and 'More', and a 'Sign In' button. The main heading is 'Datasets' with a subtitle '3,867 machine learning datasets'. Below this is a call to action: 'Share your dataset with the ML community!'. The search results are for 'Optical Character Recognition', showing 22 results. Two results are visible: 'IAM (IAM Handwriting)' and 'ICDAR 2003'. The left sidebar contains a search filter for 'Best match' and a 'Filter by Modality' section with 'Images' (20) and 'Texts' (5).

Search for datasets

Best match

Filter by Modality

- Images 20
- Texts 5

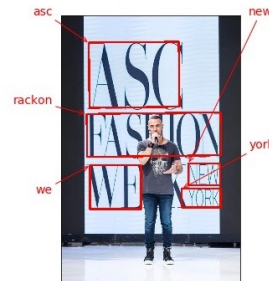
22 dataset results for Optical Character Recognition

IAM (IAM Handwriting)
The IAM database contains 13,353 images of handwritten lines of text created by 657 writers. The texts those writers transcribed are from the Lancaster-Oslo/Bergen Corpus of...
89 PAPERS • NO BENCHMARKS YET

ICDAR 2003
The ICDAR2003 dataset is a dataset for scene text recognition. It contains 507 natural scene images (including 258 training images and 249 test images) in total. The images are annota...
42 PAPERS • 1 BENCHMARK

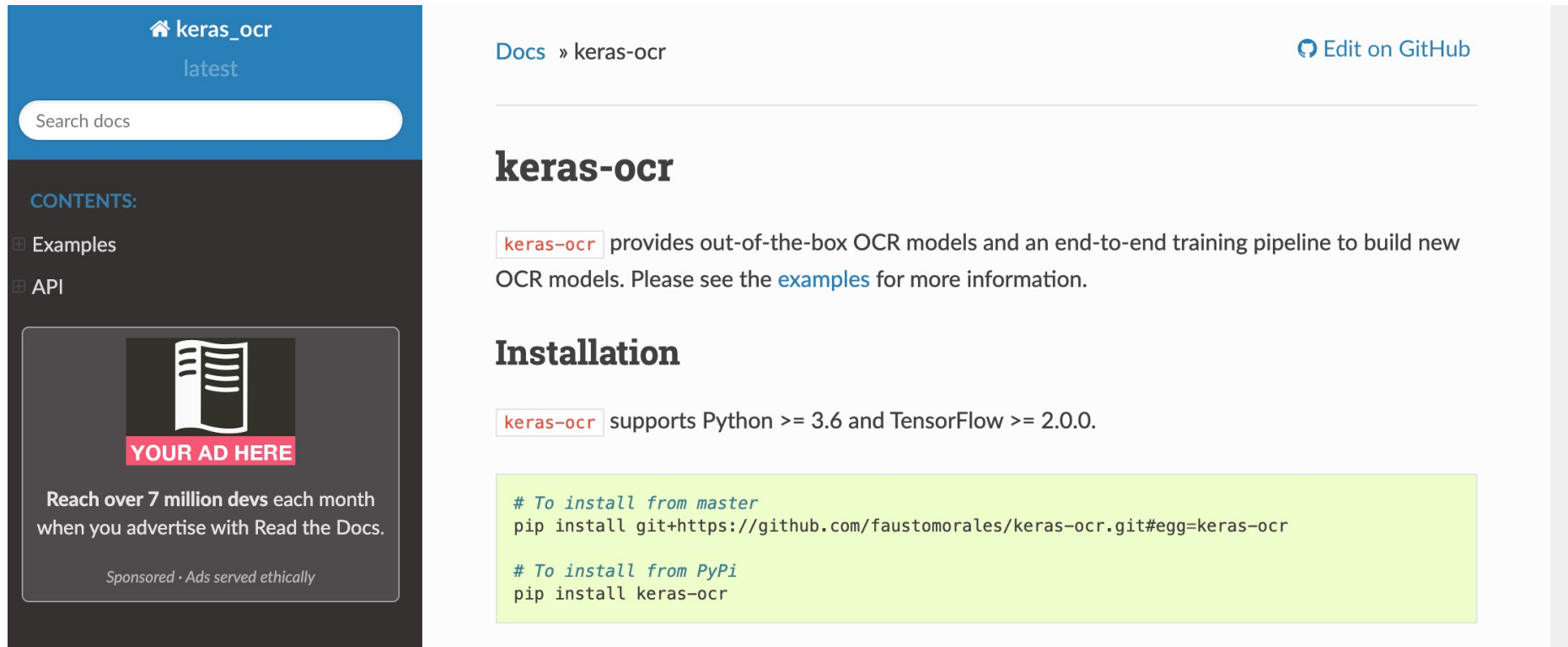
TensorFlow 2.0 CRNN Implementation

- <https://github.com/faustomorales/keras-ocr>



Keras-ocr documentation

- <https://keras-ocr.readthedocs.io/en/latest/>



The screenshot displays the Keras-OCR documentation page on Read the Docs. The left sidebar features a blue header with 'keras_ocr' and 'latest', a search bar, and a 'CONTENTS' section with links to 'Examples' and 'API'. Below this is an advertisement for Read the Docs, stating it reaches over 7 million developers monthly and is sponsored ethically. The main content area has a breadcrumb 'Docs » keras-ocr' and an 'Edit on GitHub' link. The title 'keras-ocr' is prominently displayed. The text explains that 'keras-ocr' provides out-of-the-box OCR models and an end-to-end training pipeline, with a link to 'examples'. The 'Installation' section states that 'keras-ocr' supports Python >= 3.6 and TensorFlow >= 2.0.0. A light green box contains two installation methods: from master (using git) and from PyPi (using pip).

keras_ocr
latest

Search docs

CONTENTS:

- Examples
- API

YOUR AD HERE

Reach over 7 million devs each month when you advertise with Read the Docs.

Sponsored · Ads served ethically

Docs » keras-ocr [Edit on GitHub](#)

keras-ocr

`keras-ocr` provides out-of-the-box OCR models and an end-to-end training pipeline to build new OCR models. Please see the [examples](#) for more information.

Installation

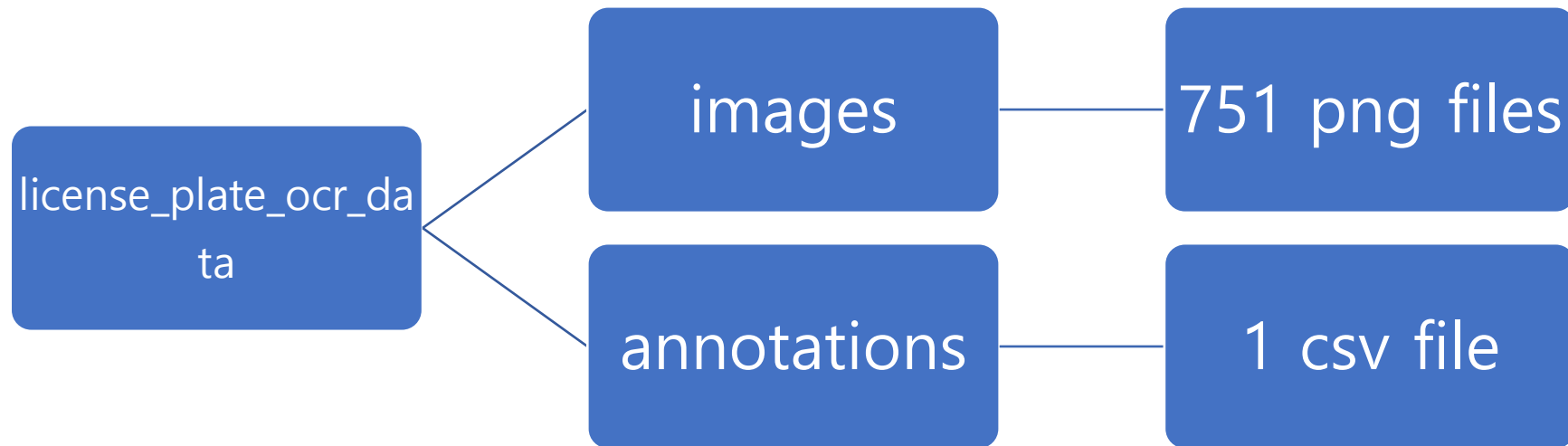
`keras-ocr` supports Python >= 3.6 and TensorFlow >= 2.0.0.

```
# To install from master
pip install git+https://github.com/faustomorales/keras-ocr.git#egg=keras-ocr

# To install from PyPi
pip install keras-ocr
```

License Plate Dataset

- <https://drive.google.com/file/d/16INTGvRGFooolxFX2IR3n-g24NkqDEX6/view>
- 751 license plate images



License Plate Data Format

① Image:



② Annotation:

ak399.png,ak,FGJ235

filename, state alias, groundtruth label

실습 - License Plate OCR Dataset에 대해 CRNN Recognizer 학습

- 기존의 CRNN 모델을 License Plate OCR Dataset에 적합한 파라미터로 Fine-Tuning 해봅시다.



ak399.png
77.9 kB



ak721.png
86.3 kB



ak848.png
82.9 kB



ak1165.png
90.7 kB



al47.png
94.6 kB



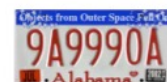
al145.png
87.9 kB



al1156.png
88.5 kB



al1181.png
95.7 kB



al1204.png
64.1 kB



al1247.png
84.1 kB



al1259.png
85.6 kB



al1528.png
90.6 kB



al1662.png
93.6 kB



ar127.png
81.8 kB



ar285.png
89.2 kB



ar477.png
66.5 kB



ar480.png
84.0 kB



ar624.png
73.9 kB



ar726.png
60.4 kB



ar785.png
85.7 kB

Thank you!
