**Translation Service**

* This service is used to identify the fields from invoices (other than English language) for training custom OCR model.
* Backend code deployed on "10.104.124.26" On Premise GPU server.

**Files Used:**

1. text\_translation\_with\_bounding\_box.py

/home/ubuntu/ashutosh/research/inhouse\_ocr/vwits/iris/cv/services/text\_extraction/text\_translation\_with\_bounding\_box.py

1. "googletrans" - python library used for translation.
2. It is a 3 step process:

* Text is extracted with bounding box details.
* Extracted text is translated using googletrans library.
* Translated text is replaced at the original text at same coordinates.

1. Images can be translated right now from UI. Backend supports images, pdf
2. On the UI, file needs to be uploaded as input. on the left side original file is shown and translated file is displayed on the right hand side.

**API:**

* app\_realtime.py – This files contains the API of translation service.

**Logs Generated:**

* Path for logs - /home/ubuntu/ashutosh/research/inhouse\_ocr/vwits/log/realtime.log

**Repository Links:**

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| Frontend | <https://devstack.vwgroup.com/bitbucket/scm/~gxn1f5r/translationservice-ui.git> |
| Backend | <https://devstack.vwgroup.com/bitbucket/scm/~gxn1f5r/translationservice.git> |