**OCR Development and Deployment Document**

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| **Repository branch name** | **Linking branch** |
| master branch | Production |
| sequential-process-change branch | QA |
| development branch | Development |

**For OCR-development instance: [65.1.240.54]**

On development branch :

1. Do all the changes creating a feature branch locally (one for each feature) and merge it to local development branch. Test the development branch once all the features has been developed.
2. Commit and Merge Development branch with local QA branch once development and unit testing is completed

On sequential-process-change branch :

1. Test end to end pipeline from backend first and then through IRIS UI.
2. Commit and Merge sequential-process-change branch with local master branch once testing is successfully completed.

On master branch :

1. Test local master branch finally before pushing it to remote master branch.
2. Once testing is completed, commit and push to master branch.

**For OCR-Production instance: [35.154.90.112]**

1. Get pull from remote repository (inhouse\_ocr) on production instance.
2. Confirm the callback endpoints are set to production in config file.
3. Restart the daemon service for flask server and mongodb.
4. Test end to end flow through IRIS UI.

**Service Files:**

Path: /etc/systemd/system

* flask\_webserver.service (Flask-Api)
* mongod.service (MongoDB Service file)

**Commands to run to scheduling (system files) :**

* sudo systemctl daemon-reload
* sudo systemctl enable <filename>
* sudo systemctl start <filename>
* sudo systemctl stop <filename>
* sudo systemctl restart <filename>
* sudo systemctl status <filename>

**Repository Link:**

* <https://devstack.vwgroup.com/bitbucket/scm/~tp4tpd8/inhouse_ocr.git>