

Installing e-Dokumento

For Windows Server:

1. Install the following software:
 - a. Libre Office (Full Install)
 - b. MongoDB (Server and Compass)
 - c. NodeJS
 - d. Python
 - e. Pdftk server
 - f. Poppler
 - g. Tesseract
 - h. Ghostscript (gs950)
 - i. Rename c:\program files\gs\gs950\bin\gswin.exe to gs.exe
 - i. Visual c++ 2015 Redistributable (runtime only)
 - j. Java Runtime (optional)
 - k. Atom IDE (optional)
2. Install the following Python packages using PIP:
 - a. Tensorflow
 - b. pandas
 - c. Keras
 - i. Keras.models
 - ii. Keras.processing
 - d.
3. Install the following NodeJS packages:
 - a. Nodemon
 - b. forever
4. Configure **User** environment variables.
 - a. Create or edit "Path" variable and insert the following:
C:\Users\Admin\AppData\Local\Programs\Python\Python37\Scripts\;
C:\Users\Admin\AppData\Local\Programs\Python\Python37\;
C:\Users\Admin\AppData\Roaming\npm;
C:\Poppler\bin\;
C:\Program Files\gs\gs9.50\bin;
C:\Program Files\LibreOffice\program\;
%SystemRoot%\system32;
%SystemRoot%;
%SystemRoot%\System32\Wbem;
5. Configure **System** environment variables.
 - a. Create or edit "Path" variable and insert the following:
C:\Program Files (x86)\Common Files\Oracle\Java\javapath;

C:\ProgramData\Oracle\Java\javapath;
C:\Program Files\Git\cmd;
C:\Program Files\nodejs\;
C:\Program Files (x86)\PDFtk Server\bin\;
C:\poppler\bin\;
C:\Program Files (x86)\Tesseract-OCR;

6. Load the MongoDB Collections:

- a. Create "docMS" database
- b. Import collections for DB folder with the same collection name from the filename

7. Place the bat file into startup. Type "shell:startup"

```
cd "C:\PN DocMS"  
forever start -c nodemon index.js --exitcrash  
cmd /k
```

8. Modify Registry to prevent closing of command prompt from bat file

- a. HKEY_CLASSES_ROOT\batfile\shell\open\default = cmd.exe /K "%1" %*
- b. HKEY_CLASSES_ROOT\cmdfile\shell\open\default = cmd.exe /K "%1" %*

9. Use MongoDB Compass to import DB

~~10. Drive of the File server must be : D:/Drive (Case Sensitive)~~

11. When running **node scanreindex.js** :

- a. Open command prompt and CD into the PN DocMS/controller folder
- b. Open task manager, select the CMD or command prompt process
- c. Right Click and Go to details
- d. set the CPU affinity to half of the processors, set priority to Low

12. Configure the User Accounts:

- a. Login as Administrator and admin@123 for the password
- b. Go to "View/Edit/Del" User Account
- c. Edit all accounts to match the following access privileges

1. EXECUTIVE – refers to executive level managers in an organization
2. MANAGER – refers to 1st level managers or immediate supervisor in a department/branch/group
3. STAFF – refers to the staff or subordinate personnel of the manager/supervisor
4. SECRETARY – refers to the staff who receives and release documents for the organization. Commonly referred to receiving section.
5. SysAdmin - refers to the system administrator for the e-dokyu