# SIP builder GUI

#### This tools is GUI wrapper for rosetta\_sip\_factory.

### Installation:

It does not require special installation however require some preinstalled library

To install python libraries go to command line (cmd)

cd Y:\ndha\pre-deposit\_prod\SIPbuilderGUI

(This folder could be different depends on how it is mapped)

It is also could be cloned from GitHub repository:

git clone <https://github.com/nlnzcollservices/SIPbuilderGUI>

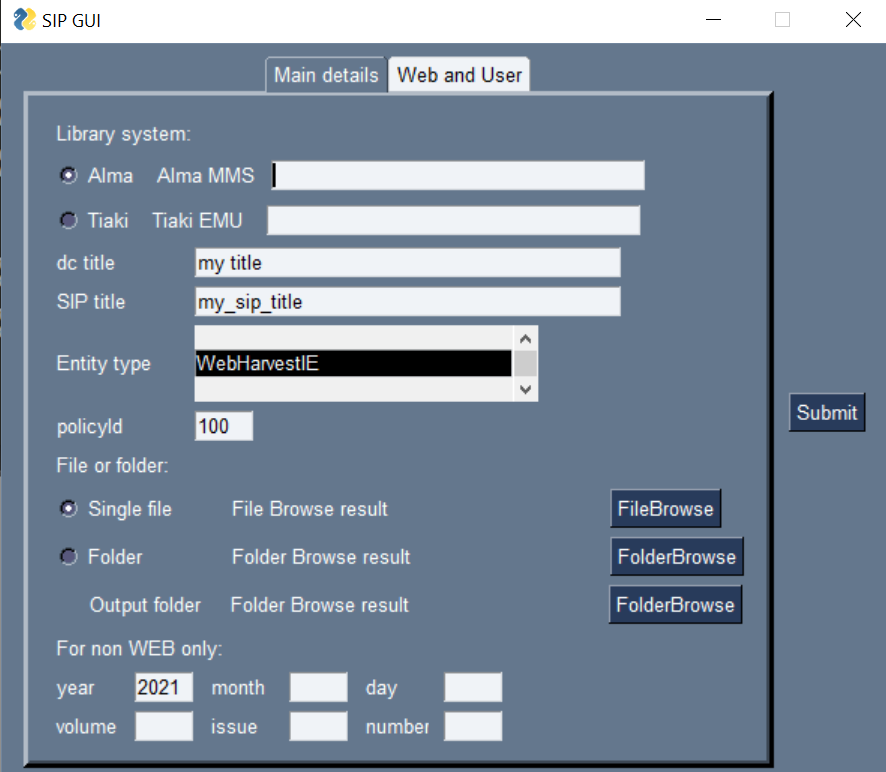
Then enter repository and type via command line and type

pip install -r requirements.txt

### Deploying

To run the app just enter to “script” folder and run “SIP\_GUI.py” script

It will open the form.



#### “Main details” tab fields description:

1.Library system:

Initially it is set for Alma however you can switch radio button to Tiaki.

Then enter your system record ID number in the corresponding field.

2. DC title will be displayed in dc.xml file

3. SIP title – this field responsible for folder with the sip will be named

4. Entity type – you can use small arrows “up” and ”down” to scroll existing entity types.

(It is also easy to add to the script new one. Just open script in an editor. Find this line value\_list = ["WebHarvestIE","OneOffIE","AudioIE","PeriodicIE",

"VideoIE","HTMLSerialIE","HTMLMonoIE","UnpublishedIE",""]

And add your entity type it inside squared brakets, after coma and in quotes, save and it will appear after next app run

5.Policy ID – policy rights access code - change to 200,300,400 if required

6. File or Folder:

If you require SIP from single file use “Single file” radio button and then pick up you file using corresponding “FileBrowse” button

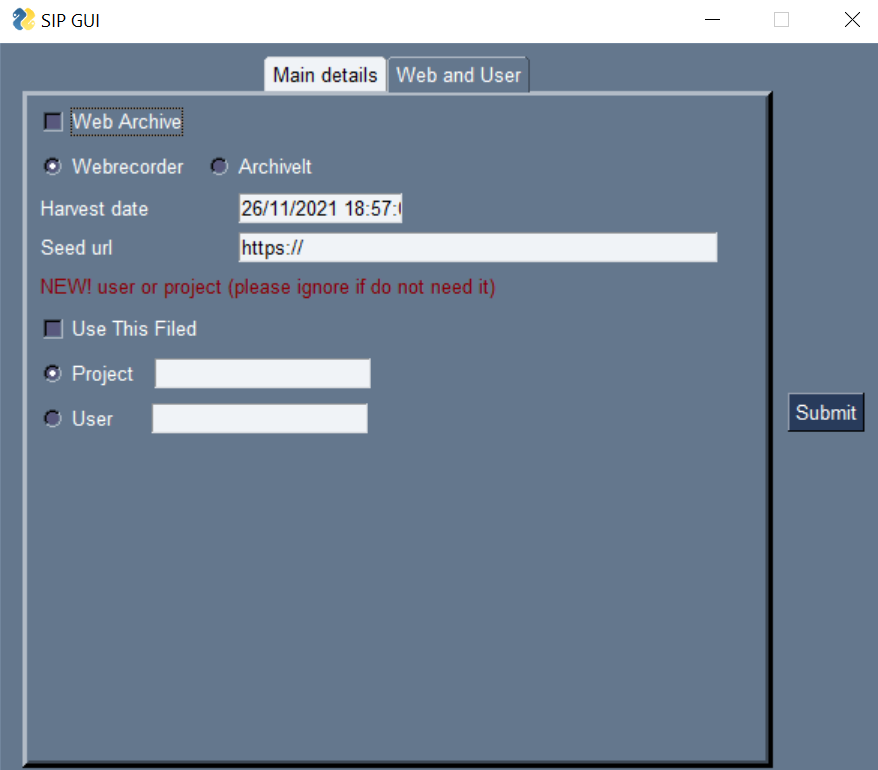
If you would like SIP build from multiple files in folder, switch the radio button to “folder” and then use “FolderBrowse” button to pick up the folder

7.Output folder:

Use corresponding “FolderBrowse” button to pick up the folder where you would like SIP being built

8.Designation fields – This fields could be empty. If you are building SIP for web archive this fields will be ignored

If you are building SIP for Web archive or would like specify the user or project name in METS. Click on “Web and User” tab.



#### “Web and User” tab fields description:

1. Web Archive – should be ticked! if you build web archive
2. Harvest date – should be entered in the format as in example (Example shows time when app was run)
3. Seed url – seed url for your web archive.
4. Use this filed – should be ticked if you would like to specify user or project in METS
5. If it is tick please switch the radio button to your option and enter your username or project name in corresponding text field.

Fill the form carefully. Press “submit” button. It is working from both tabs the window will disappear and script will give you the message “SIP was created in ” and show the folder with your SIP.

Check the mets.xml file for metadata you entered and if everything correct place it to Rosetta automated pick up folder for production or to Rosetta UAT folder for Sandbox and contact PRC team to run picking up job.

Done!