

-Go to [Anaconda | Individual Edition](#)

-Download for windows or mac

-Open .exe from downloads

-Do the setup as is (don't select or unselect anything)

-Use a python source code editor preferably [visual studio code](#)

-Go to start and select Anaconda powershell and type "conda activate base" and "code". This activates conda base and starts VS code using conda. Alternately, you could activate conda following the directions: [How to activate conda environment in VS code | by Udi Yosovzon | Medium](#)

-Install git. Go to [Git - Downloads \(git-scm.com\)](#) and download, setup Git with default options.

-From the Terminal tab open a new terminal

-In the powershell terminal type the following commands:

(Below commands are copy pasted from [UAL-RE/LD-Cool-P: Python tool to enable data curation \(github.com\)](#) with some changes)

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(Following command creates a curation folder in C:\Users\username\Anaconda3\envs)

```
$ conda create -n curation python=3.8.8
```

Click y when Proceed ([y]/n) option pops up

(Following command activates the curation folder)

```
$ conda activate curation
```

(The above command creates a folder curation whose path is at C:\Users\username\Anaconda3\envs\curation)

With the activated conda environment, next clone the [UA Libraries' forked copy of figshare](#) and install with the setup.py script:

Now, install git (if you haven't already). Go to [Git - Downloads \(git-scm.com\)](#) and click Download, open the .exe file from downloads and setup Git with all the default options.

(The path below will be C:/Users/username/Anaconda3/envs/curation, where username is what you have to enter, alternately you could go to the folder where curation folder was created, and copy paste the path below)

```
(curation) $ cd /path/to/parent/folder
```

```
(curation) $ git clone https://github.com/UAL-RE/figshare.git
```

(The path below will be C:/Users/username/Anaconda3/envs/curation/figshare, where username is what you have to enter, alternately you could go to the folder where curation folder was created and copy paste the path below)

```
(curation) $ cd /path/to/parent/folder/figshare
```

```
(curation) $ (sudo) python setup.py develop
```

(If setup doesn't develop or conda is not recognized then activate it from the anaconda powershell, (Start->anaconda powershell), type conda activate base, and open vs code with command "code" from the anaconda powershell, [python - Error when trying to use conda on vs code: conda : The term 'conda' is not recognized as the name of a cmdlet - Stack Overflow](#))

Then, clone this repository (LD-Cool-P) into the parent folder and install with the setup.py script:

(The path below will be C:/Users/username/Anaconda3/envs/curation/, where username is what you have to enter, alternately you could go to the folder where curation folder was created and copy paste the path below or type cd.. to go up one directory from the anaconda command prompt)

```
(curation) $ cd /path/to/parent/folder
```

```
(curation) $ git clone https://github.com/UAL-RE/LD-Cool-P.git
```

(The path below will be C:/Users/username/Anaconda3/envs/curation/LD-Cool-P, where username is what you have to enter, alternately you could go to the folder where LD-Cool-P folder was created, and copy paste the path below or type cd LD-Cool-P to go inside the curation directory from the anaconda command prompt)

```
(curation) $ cd /path/to/parent/folder/LD-Cool-P
```

```
(curation) $ (sudo) python setup.py develop
```

This will automatically install the required pandas, requests, numpy, jinja2, tabulate, and html2text packages.

You can confirm installation via conda list

```
(curation) $ conda list ldcoolp
```

You should see that the version is 1.1.6.

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-Cloning [VT-Figshare repository](https://github.com/PadmaCarstens/VTechDataServices-Figshare.git) :

In the same powershell terminal on vs code clone VT repository in the curation folder using the following command:

```
>cd C:/Users/username/Anaconda3/envs/curation
```

```
>git clone https://github.com/PadmaCarstens/VTechDataServices-Figshare.git
```

Open <https://github.com/PadmaCarstens/Curationcodes.git>

- Go to C:\Users\username\Anaconda3\envs\curation\LD-Cool-P\ldcoolp\curation

-Replace retrieve.py here with the one on github link above

-Save secrets.txt from the link above in the C:\Users\padma\Anaconda3\envs\curation folder

-Open secrets.txt and fill in the parameters and save

Go to C:\Users\padma\Anaconda3\envs\curation\VTechDataServices-Figshare

(Note that client\_secret.json is also required in the curation folder in order to run the codes)

Run create\_ingest\_record.py and create\_publication\_record.py after filling in secrets.py for a specific article

If you get the following error:

```
"File "C:\Users\username\Anaconda3\lib\site-packages\redata-0.4.1-py3.9.egg\redata\commons\logger.py", line 3, in <module>
```

```
from os import path, uname, chmod, mkdir
```

ImportError: cannot import name 'uname' from 'os' (C:\Users\padma\Anaconda3\lib\os.py)"

Then, open logger.py in the folder above and replace

"from os import path, uname, chmod, mkdir" on line 3 with the following 2 lines:

```
from os import path, chmod, mkdir
```

```
from platform import uname
```

-Save the logger.py and run again

Other errors:

"Module gspread not found"

-pip install gspread

"ModuleNotFoundError: No module named 'oauth2client'":

-pip install oauth2client

"ModuleNotFoundError: No module named 'PyRTF'"

-pip install PyRTF

ModuleNotFoundError: No module named 'bagit'

-pip install bagit

ModuleNotFoundError: No module named 'rdflib'

-pip install rdflib