*If you need more information, please contact the development team:* ***Laurent Tupin***

*Or the Specialist Audit team:* ***Anuj Garg****,* ***Karan Agarwal***

# **IT Install**

## Anaconda

Ask IT to install Anaconda Solution for you:

* Address of the ticket (under reserve of change):

<https://ihsprod.service-now.com/ess_portal?id=ihs_cat_item&sys_id=cf9efcdfdb79730438d070d9af9619f2>

*Please ask the IT to Install Anaconda on your computer and* ***not only*** *for your user.*

## Add Environment variables

You need to add Some Path to windows, you need IT Admin credentials, please follow (or provide to IT) the procedure below:

1. Open: Control Panel\All Control Panel Items\System

2. Link: Advanced System Settings (IT Credentials)

3. Click on: Environment Variables

4. Category: System Variables

Select: Path

Click on: Edit

Click on: NEW

5. And Input those path (after you check they exists):

- C:\ProgramData\Anaconda3

- C:\ProgramData\Anaconda3\Scripts

- C:\ProgramData\Anaconda3\Library\bin

6. OK - OK - OK...

## Add Libraries with Anaconda Prompt

Open ***Anaconda Prompt*** and write:

pip install paramiko==2.6.0

pip install selenium==3.141.0

pip install exchangelib==3.2.0

# **Import Solution on local**

Open the folder: [\\uk-pdeqtfs01\E\SolaBI\Python\_Installer\](file:///\\uk-pdeqtfs01\E\SolaBI\Python_Code\)

Double click on:

* ***PyInstaller\_Seita.exe***
* ***PyInstaller\_DNS.exe***

It will install the Python solution in your desktop:

[C:\Users\First.LastName\Desktop\Python\_App\](file:///\\Users\laurent.tupin\Desktop\Python_App)

Every time you want to update the solution, you can double click on it again.

Or on ***PyUpdate\_Solution.py*** in your local folder.

# **Bug Resolution Procedure**

Please try to Open ONE of the App:

[C:\Users\FirstName.Last\Desktop\Python\_App\](file:///\\uk-pdeqtfs01\E\SolaBI\Python_Code\)

* Seita.bat
* DNS.bat
* LaPersouse.bat

If you see a Green window appearing, it is working.

All installations are OK.

You don’t need to read further.

But, if nothing open, then check the next point before to contact Development team

## Check Python is installed in the right folder:

If you edit the BAT file, you will realise that it expects Python to be at a specific place:

"C:\ProgramData\Anaconda3\python.exe"

If you find Python in another path, please replace with the right path. Example:

* “C:\Users\First.LastName\AppData\Roaming\Anaconda3\python.exe”
* Then rename the file:
  + DNS\_2.bat

Then try to double click on the file. If you see a Green window appearing, it is working.

All installations are OK.

You don’t need to read further.

But, if nothing open OR Python was on the right path, then follow the next point:

## Check Python libraries are installed:

Open this file by double click (Open with ***Python.exe***, browse the same path than in the previous point):

* [C:\temp\Py\_Package\CreateApp\Test\_Installed\_Libraries.py](file:///\\temp\Py_Package\CreateApp\Test_Installed_Libraries.py)

This program will tell you what libraries to install by Opening ***Anaconda Prompt***:

**For example:**

* pip install pandas –user

Once everything installed, try again and you should get the result:

* '***All libraries are installed successfully***'

Then try to double click on the file DNS.bat.

If you see a Green window appearing, it is working.

All installations are OK.

You don’t need to read further.

But if you did not get '***All libraries are installed successfully’*** even though you installed all the libraries the program asked you:

## Check it is not an Environment Issue

Open ***Spyder***

Open the file:

* [C:\temp\Py\_Package\CreateApp\Test\_Installed\_Libraries.py](file:///\\temp\Py_Package\CreateApp\Test_Installed_Libraries.py)

Push F5.

You should get the result:

* '***All libraries are installed successfully***'

If you installed all the libraries.

Open the file:

* [C:\temp\Py\_Package\Dwld\_N\_Send\DNS.py](file:///\\temp\Py_Package\CreateApp\Test_Installed_Libraries.py)

Push F5.

If you see a Green window appearing, it is working only on Spyder.

On this case, **you need to check with IT the point 1.B is correctly done**!!!

If it is not working on Spyder after you installed all the libraries, then there is an issue, please contact us for more support.

## Issue Resolution from US Computer settings

You might encounter a case when you have the library (anaconda Prompt will tell you : library already installed), but neither Spyder, not Seita.bat is importing some of the libraries.

In this case, we came up with a solution:

From anaconda3\Library\bin **copy** below files and **paste** them in anaconda3/DLLs:

- libcrypto-1\_1-x64.dll

- libssl-1\_1-x64.dll

<https://stackoverflow.com/questions/54175042/python-3-7-anaconda-environment-import-ssl-dll-load-fail-error>