

IMS PTC Integrity File Download

1. Problem Description

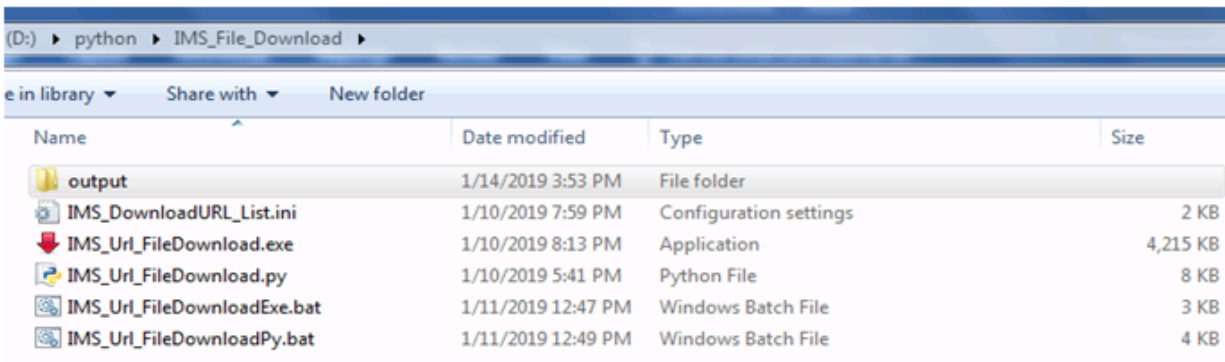
Currently most of PTC Integrity IMS users are not able to download the IMS Store In Clip links. Hence a small python tool is developed to download a series of IMS links automatically by reading an Input Configuration File(IMS_DownloadURL_List.ini).

2. Prerequisites

1. PTC Integrity installed in your PC and configured.
2. Python 2.7.10 Installed.

3. How to use

Below are the listed files.



Name	Date modified	Type	Size
output	1/14/2019 3:53 PM	File folder	
IMS_DownloadURL_List.ini	1/10/2019 7:59 PM	Configuration settings	2 KB
IMS_Url_FileDownload.exe	1/10/2019 8:13 PM	Application	4,215 KB
IMS_Url_FileDownload.py	1/10/2019 5:41 PM	Python File	8 KB
IMS_Url_FileDownloadExe.bat	1/11/2019 12:47 PM	Windows Batch File	3 KB
IMS_Url_FileDownloadPy.bat	1/11/2019 12:49 PM	Windows Batch File	4 KB

1. Configure the Input Configuration File(IMS_DownloadURL_List.ini) as shown below.

[NAME_XXXXX]

IMS_URL = IMS_LINK

```
[ADAS_DBC_FILE]
IMS_URL =
http://ims-adas:7001/si/viewrevision?projectName=%23/ADAS/SW%23Projects/SRR52x/SRR520%23forceJump%3D%23n%3D%2305_Testing/05_Test_Environment/CANOE%2306_Project/database%selection=ADAS
CAN_dbc&revision=1.23

[ADAS_CDD_FILE]
IMS_URL =
http://ims-adas:7001/si/viewrevision?projectName=%23/ADAS/SW%23Projects/SRR52x/SRR520%23forceJump%3D%23n%3D%2305_Testing/05_Test_Environment/CANOE%2306_Project/cdd&revision=1.14&select
ion=default.cdd

[ADAS_GATEWAY_CAN]
IMS_URL =
http://ims-adas:7001/si/viewrevision?projectName=%23/ADAS/SW%23Projects/SRR52x/SRR520%23forceJump%3D%23n%3D%2305_Testing/05_Test_Environment/CANOE%2306_Project/node&revision=1.10&select
ion=ADASCANGateway.can

[MOT_FILE_LINK]
IMS_URL =
http://ims-adas:7001/si/viewrevision?projectName=%23/ADAS/SW%23Projects/ARS51x%23forceJump%3D%23n%3D%23ARS510/06_Deliverables/M11_APPL&selection=ars510_m11_appl_release.mot&revision=1.
87

[A2L_FILE_LINK]
IMS_URL =
http://ims-adas:7001/si/viewrevision?projectName=%23/ADAS/SW%23Projects/ARS51x%23forceJump%3D%23n%3D%23ARS510/06_Deliverables/M11_APPL&revision=1.87&selection=ars510_m11_appl_release.a
21.7z

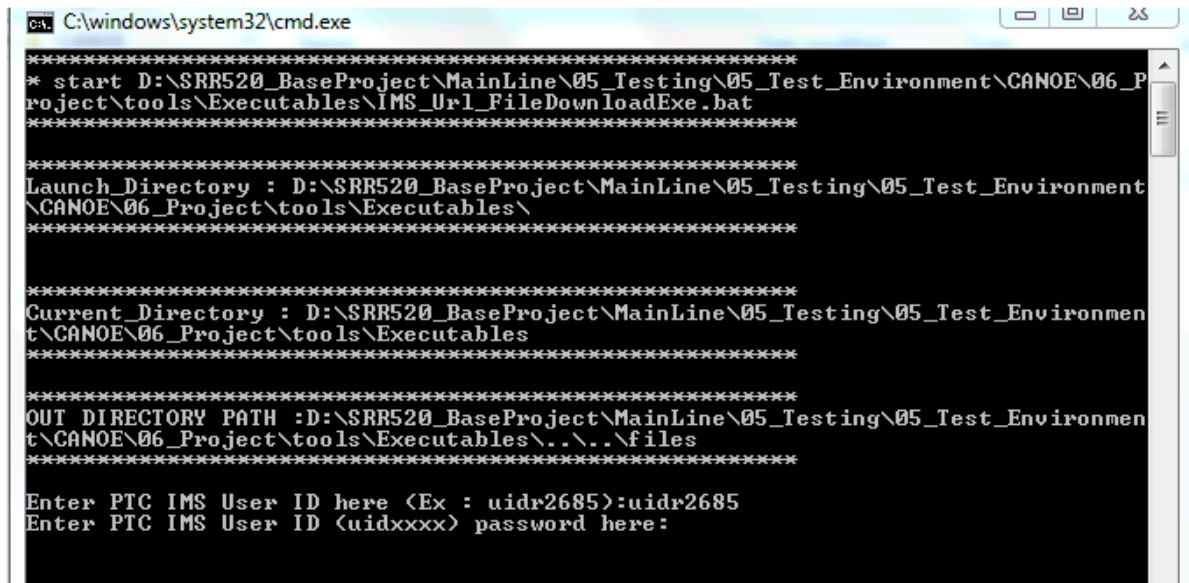
[CDL_FILE_LINK]
IMS_URL =
http://ims-adas:7001/si/viewrevision?projectName=%23/ADAS/SW%23Projects/ARS51x%23forceJump%3D%23n%3D%23ARS510/06_Deliverables/M11_APPL&selection=ars510_m11_appl_release.cdl&revision=1.
88
```

2. After configuring the links you can also configure the **Output Path** where you want to store the downloaded files in the batch script as shown below. Currently I have created a output folder and configured that path in the batch script.

```
7
8 echo *****
9 set "OUT_DIRECTORY_PATH=%CURRENT_DIR%\output"
0 echo OUT DIRECTORY PATH :%OUT_DIRECTORY_PATH%
1 echo *****
2 echo .
```

3. If you have **python 2.7.10** installed please run the batch file **IMS_Url_FileDownloadPy.bat** else please run **IMS_Url_FileDownloadExe.bat**.

Both the batch scripts will prompt the user for user name and password as show below.



```
C:\windows\system32\cmd.exe
*****
* start D:\SRR520_BaseProject\MainLine\05_Testing\05_Test_Environment\CANOE\06_P
project\tools\Executables\IMS_Url_FileDownloadExe.bat
*****
Launch_Directory : D:\SRR520_BaseProject\MainLine\05_Testing\05_Test_Environment
\CANOE\06_Project\tools\Executables\
*****
Current_Directory : D:\SRR520_BaseProject\MainLine\05_Testing\05_Test_Environmen
t\CANOE\06_Project\tools\Executables
*****
OUT DIRECTORY PATH :D:\SRR520_BaseProject\MainLine\05_Testing\05_Test_Environmen
t\CANOE\06_Project\tools\Executables\...\files
*****
Enter PTC IMS User ID here (Ex : uidr2685):uidr2685
Enter PTC IMS User ID (uidxxxx) password here:
```

Enter the User Name and password and start Downloading.

**** Note Most of the Parameters are configurable in your batch script if you want to automate.

