



PIEP – CreationPS User Guide



1. VERSIONING AND CONTROL VALIDATION

VERSIONING HISTORY

Version	AUTHOR	REVISION	Date
1.0	RCAS (CGI)	Creation	06/07/2020
1.1	RCAS (CGI)	Review prerequisite	17/08/2020

VALIDATION

Version	Name	Date
1.0		



2. DOCUMENT CONTENT

1. VERSIONING AND CONTROL VALIDATION	2
2. DOCUMENT CONTENT	3
3. SCRIPT DESCRIPTION	4
3.1 Objective	4
3.2 Prerequisite	4
4. USER GUIDE	5
4.1 Prepare the input file	5
4.2 Configure 01-CreationPS.bat	5
4.3 Run CreationPS	6
4.4 Clean the application.....	6



3. SCRIPT DESCRIPTION

3.1 Objective

The purpose of CreationPS is to create the tags PI in selected PI Server from csv files.

The user provide the server name and the files extracted with CreationPS.

3.2 Prerequisite


- Microsoft Powershell (1.0 or later).
- Package PI SMT 2018 or later.

4. USER GUIDE

Copy the folder CreationPS in your local machine/server : **D:\PI\Applications**.

4.1 Prepare the input file

Copy the files from the application ConfigurationPS to the Input folder.

PI_Data (D:) > PI > Applications > CreationPS > input				
Name	Date modified	Type	Size	
 tagConfiguration_20200703_12h04.csv	7/3/2020 12:04 PM	CSV File	2 KB	

4.2 Configure 01-CreationPS.bat

Edit the file “.\script\01-CreationPS.bat”.

```
cd ..  
powershell.exe -file .\Creation.ps1 -PIServerHost "SERVER_NAME"
```

Modify the following parameters :

- **PIServerHost** : Name of the PI Server to extract tags (exemple : PI-CENTER-HQ)

Then save the modifications and close the file.

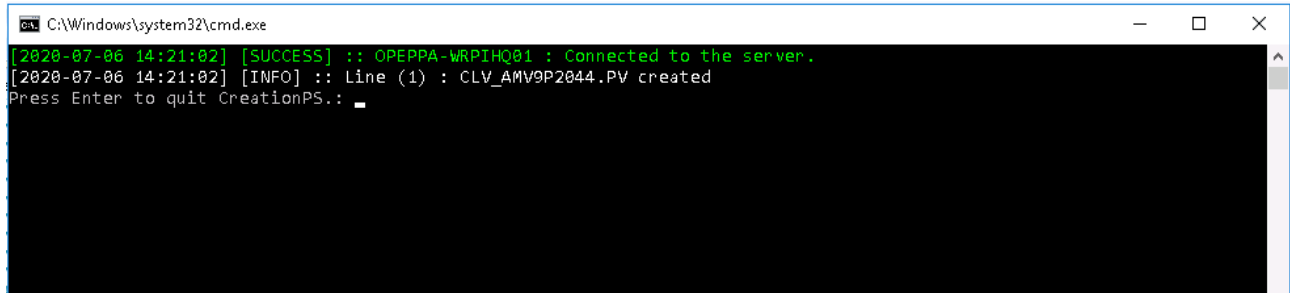
4.3 Run CreationPS

Run the script 01-CreationPS.bat.

You should have the following window opened. Let the program create the tags.

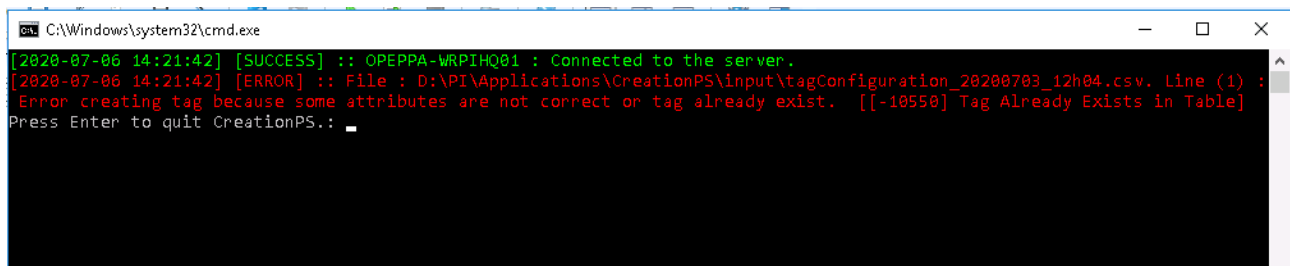
The logs are stored in the “.\logs” directory.

When the line “Press Enter to quit CreationPS” appear, press Enter to quit.



```
C:\Windows\system32\cmd.exe
[2020-07-06 14:21:02] [SUCCESS] :: OPEPPA-WRPIHQ01 : Connected to the server.
[2020-07-06 14:21:02] [INFO] :: Line (1) : CLV_AMV9P2044.PV created
Press Enter to quit CreationPS.: _
```

If some tags already exist on the server, or if the Creation in the input file is not good, you should have this message error. It does not stop the application process, but the current tag won't be created in the server.



```
C:\Windows\system32\cmd.exe
[2020-07-06 14:21:42] [SUCCESS] :: OPEPPA-WRPIHQ01 : Connected to the server.
[2020-07-06 14:21:42] [ERROR] :: File : D:\PI\Applications\CreationPS\input\tagConfiguration_20200703_12h04.csv. Line (1) :
Error creating tag because some attributes are not correct or tag already exist. [[-10550] Tag Already Exists in Table]
Press Enter to quit CreationPS.: _
```

4.4 Clean the application

When the Creation is finished, do not forget to clean the input directory for the next use.