

PC -Regen-compact

USER GUIDE



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1 INTRODUCTION

PC-Regen-compact consists of 2 executables:

1. **PC-Regen-compact.exe.**
This is a shell program that performs the main tasks like regeneration, syntax check and generation of batch files.
2. **PC-Regen-starter.exe.**
This is the GUI front end that calls PC-Regen-compact

2 HOW TO USE PC-REGEN-STARTER

2.1 INSTALLATION

Download the file **PC-regen-compact-setup.msi** file, run it and follow the instructions. The whole package including PC-regen-compact and PC-regen-starter will be installed.

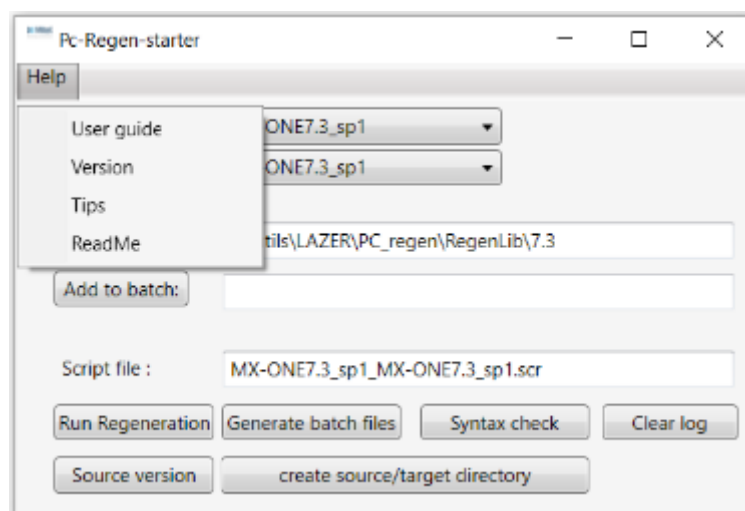
PC-regen-starter is a tool that uses Pc-regen-compact. It will collect data from user and send to PC-Regen-compact for processing.

The procedure for a regeneration is:

1. Create a batch file to use for data extraction.
2. Send the batch file to extract data.
3. Regenerate the data.
4. Send the regenerated data to target system

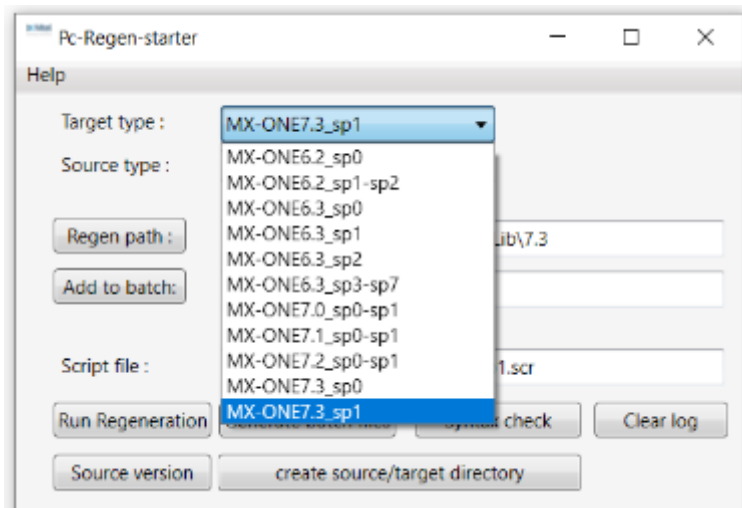
2.2 HELP MENU

User guide,	will open this document in Your default PDF viewer.
Version,	will open a shell and display the current version of Your PC-Regen-compact.
Tips,	will open a document with small tricks and tips in Your default PDF viewer.
ReadMe,	will open a text file containing history of updates for PC-Regen-compact.



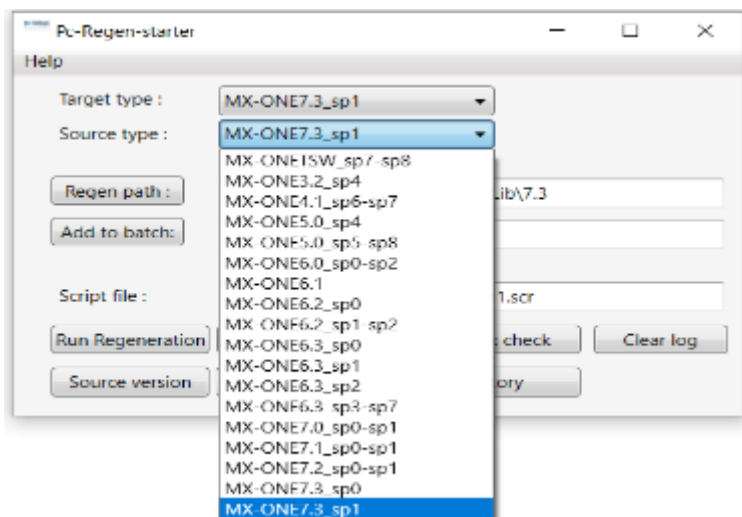
2.3 TARGET TYPE

Selection of target type, click on combo box and select type of target system. When a target is selected the Source type combo box will be available.



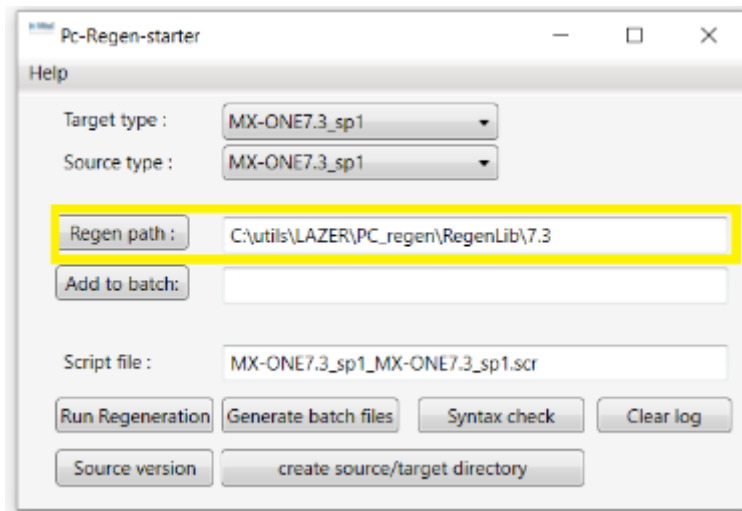
2.4 SOURCE TYPE

Selection of source type, click on combo box and select type of source system.



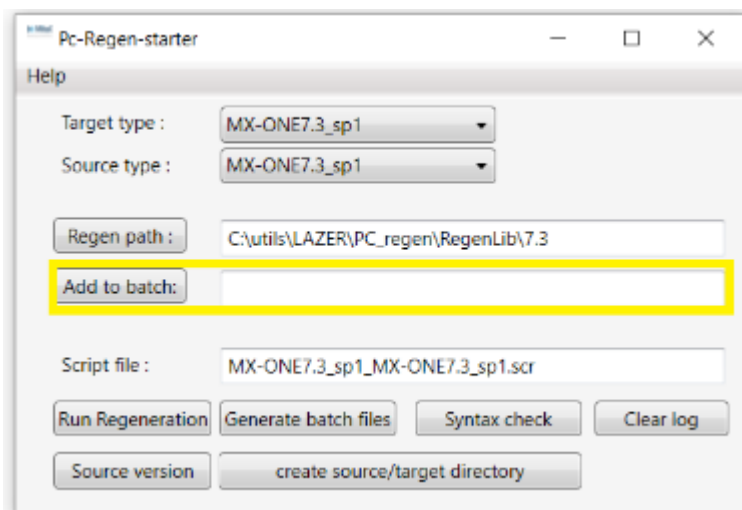
2.5 REGENERATION PATH

Selection of regeneration path, click on **Regen path:** button and select/create the desired path from the Folder dialogue presented. Below this path there must be a **.../source** and a **.../target** directory present. The data extracted from MX-One shall be placed under the **.../source** directory.



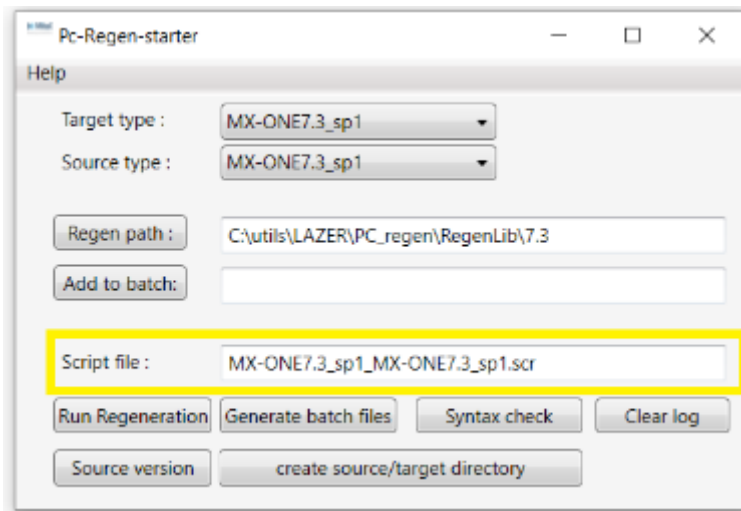
2.6 ADD EXTRA PRINT COMMANDS TO BATCH FILE

It is possible to add extra print commands to the generated **data_gen.batch** file. This is done by creating an extra file containing these commands. Then select this file with the **Add to batch:** button. The content of this file will then be added last in the **data_gen.batch** file.



2.7 SCRIPT FILE

This display will show the currently selected script file to run when an execution button is pushed.



2.8 EXECUTION BUTTONS

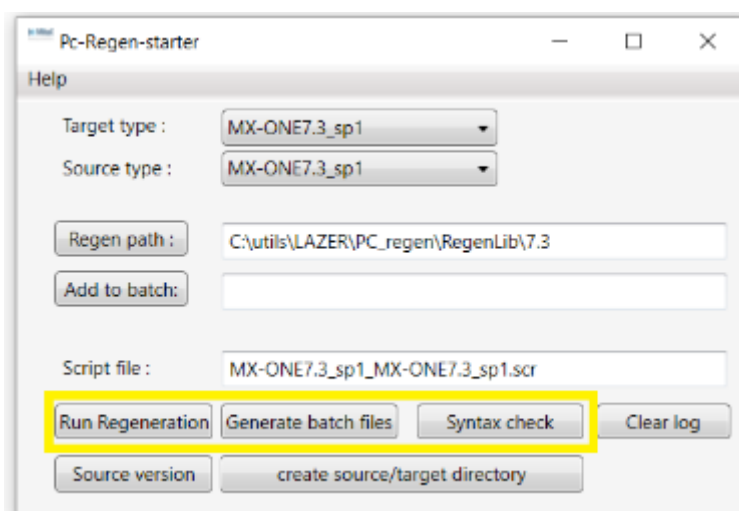
The execution buttons control the execution.

The **Run regeneration** button will start the regeneration and put the result to the ../target directory under the regen path.

The **Generate batch files** button will produce a data_gen.batch file and put it at the regen path directory. If a file is chosen as an **Add to batch** it will be appended at the end of **data_gen.batch**.

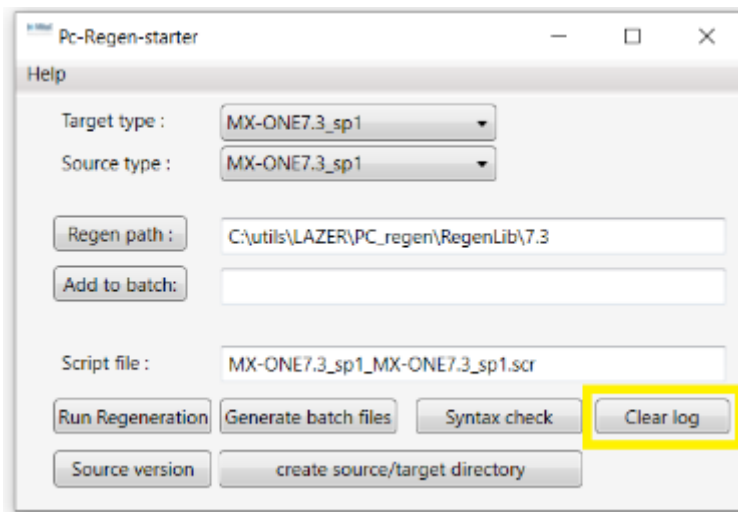
The **Syntax check** button will perform a syntax check.

When the operation is ready all 3 buttons will open a new window containing the **ERROR.LOG** file.



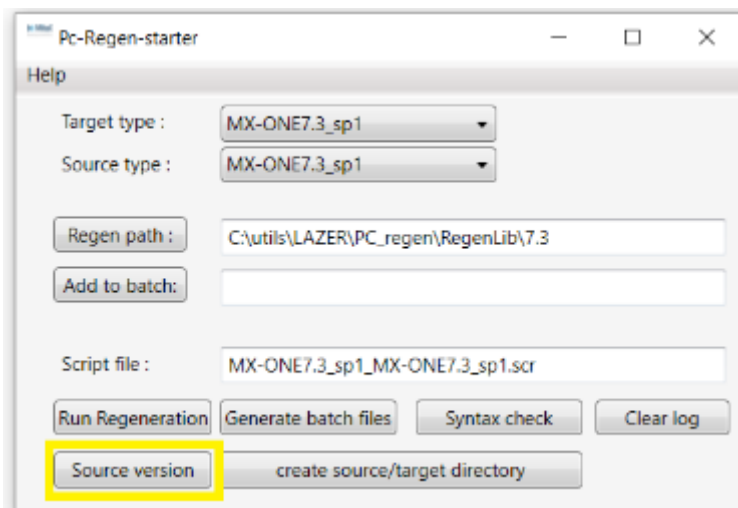
2.9 CLEAR LOG BUTTON

Pushing this button will remove the **ERROR.LOG** file so next operation will be logged first in file.



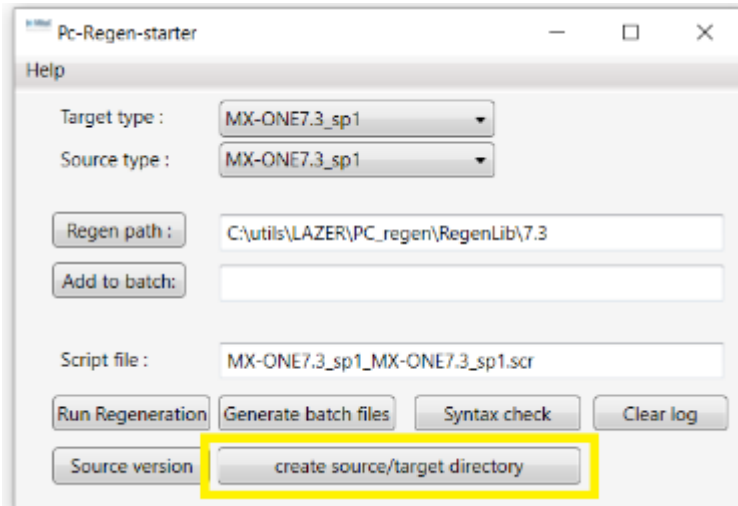
2.10 SOURCE VERSION BUTTON

Pushing this button will open the file **ts_about** stored in **../source** directory. Use this to ensure that the correct script file is used.



2.11 CREATION OF SOURCE AND TARGET DIRECTORIES

Pushing this button will create **../source** and **../target** directories under the path currently listed as regen path.



3 REGENERATION

There are two ways to perform a regeneration.

3.1 REGENERATION PROCEDURE 1

All communication with MX-ONE is here done via an SSH shell.

1. To select a target system. This step will determine what source systems that is available. Using the **Target type** combo box make an appropriate selection.
2. To select a source system. Using the **Source type** combo box make an appropriate selection.
3. To select a regeneration path. Under this path it is necessary to have a **source** and a **target** directory. These directories can be created for PC-Regen-starter or the general file manager.
4. To create a batch file. This file is sent to the source MX-ONE system to generate print data **data_gen.batch**. This step will also generate files **gjtsp.batch**, **pu_add_info.batch**, **racep2.batch** and **scexp2.batch**. These files are used by PC-Regen-compact at data collection time. To do this, click the **Generate batch files** button.



Note! It is possible to attach custom printouts last in **data_gen.batch** by creating them as a separate file and select the file with the **Add to batch** button.

5. Zip all the files generated in step 4 to a zip file. i.e. **data_gen_file.zip**.
6. Move the file that was created in step 5 to a separate directory on the source MX-ONE system, i.e. **/tmp/pcregenData**, and unzip the file.
7. Run the file to collect print data. On the MX-ONE source system, go to directory **/tmp/pcregenData** and run:
source ./data_gen.batch | tee logFile.txt. This will collect the print data to this directory.

8. Zip all collected data from this directory into a zipped file i.e.:

/tmp/pcregenData # zip -j pcregenSource.zip *



Note!: The `-j` option zips the files without directory information.

9. Move the file ***pcregenSource.zip*** to your PC onto the `./source` directory below your regeneration path and unzip it.
10. Perform the actual regeneration. From the PC-Regen-starter program with, the proper **Target type**, **Source type** and Regen paths selected, click the: **Run Regeneration** button. This will create the initiation files to be sent to you target MX-ONE.
11. Zip all files in the `.../target` directory of your regen path to a single file. i.e. ***pcregenTarget.zip***.
12. Move the file that was created in step 11 to a separate directory on your target MX-ONE system i.e. `/tmp/upgradeData`. Unzip the file: ***tmp/upgradeData # unzip pcregenTarget.zip***
13. Run the generated batch file REGENCMD.TXT:

tmp/upgradeData # mdsh -c source REGENCMD.TXT | tee upgradeLog.txt

Your system shall now be running with regenerated data. It is a good idea to do a system backup:

tmp/upgrade Data # data_backup

3.2 REGENERATION PROCEDURE 2

All communication with MX-ONE is here done via an SSH shell.

1. Follow point 1 – 3 in the regeneration procedure 1 above.
2. To create a batch file. This file is sent to the source MX-ONE system to generate print data ***data_gen.batch***. This step will also generate files ***gjtsb.batch***, ***pu_add_info.batch***, ***raccp2.batch***, ***scexp2.batch*** and ***PCRegen.batch*** These files are used by PC-Regen-compact at data collection time. To do this, click the **Generate batch files** button.



Note!: There is one extra file (PCRegen.batch) compared to procedure 1.

3. Zip all the files generated in step 2 to a zip file. i.e. ***data_gen_file.zip***.
4. Move the file that was created in step 5 to a **separate directory** on the source MX-ONE system, i.e. `/tmp/pcregenData`, and unzip the file.
5. Run the file ***PCRegen.batch*** to collect print data. On the MX-ONE source system, go to directory `/tmp/pcregenData` and run:

source PCRegen.batch > OutputResult.text . This will run the new batch file. Redirecting it to `OutputResult.text` will serve 2 purposes.

- Output to stdout (printed data) will go to the result file.
- Output to stderr will go to screen where you can follow the progress.

The progress output is generated by PCRegen.batch and at the end of the process it will move all printed files into ***PCRegenOutputArchive.zip***.

Move the file ***PCRegenOutputArchive.zip*** onto the `./source` directory below your regeneration path and unzip it.

6. Continue from point 10 in regeneration procedure 1 above.