MEMTOOL
Batch Mode of IMTMemtool

Batch mode is a way to execute some user interface actions at ones. Batch files can be executed via Menu -> File -> Run Batch or can be passed in on command line when UDEMemtool.exe is started.

COMMAND	USAGE
connect	Establish connection to target system. If the target is already connected nothing is done.
disconnect	Close connection to target system.
open_file <path> [,[+|-] <offset>]:	Open a hex file and load it into the File Section List. <path> is the absolute path name of the file to be loaded <offset> is an optional numeric value that is added to all section addresses in the file
select_all_sections	Select all sections currently loaded in the File Section List.
add_selected_sections	Store data of all selected sections within the File Section List to the corresponding FLASH Buffers of the Memory Devices that are enabled currently.
program	Show Execute Command Dialog and start programming

Example Batch File

The following example batch file connects the target system. Than it loads a starter software (starter.hex), a firmware and a device specific serial number. The firmware is loaded twice. The second time it is loaded using an offset of 0x40000. So the firmware image is programmed twice into the FLASH memory device. Please note that after each open_file operation the loaded sections have to be added to the FLASH Buffers before the next open_file operation can take place. Finally all loaded sections are programmed into the FLASH memory device.

```
connect
open_file c:\Data\starter.hex
select_all_sections
add_selected_sections
open_file c:\Data\firmware.hex
select_all_sections
add_selected_sections
open_file c:\Data\firmware.hex , +40000h
select_all_sections
add_selected_sections
open_file c:\Data\sernum.hex
select_all_sections
add_selected_sections
program
disconnect
```

Note:
User of professional PLS Memtool can also use the Command Line Interface of Memtool: Memtool CLI (Command Line Interface) for your issue? It can be found in UDE installation.

Get help with memtoolcli.exe.