

Python files downloading common errors and solutions

- Error message during file downloading :

Solution:

more cases could be the cause of the error

- check if the used module support Python feature (if no, it's not possible to download any Python file)
- check if the script is running or not : if positive:
 - disable it and reset the module and then try the download again
 - OR
 - switch on the module and after that send an ATcommand (different from AT, e.g. at+cgm or at#lscrip) and then Enter to stop the script running; disconnect the hyperterminal connection if any and then try the file downloading
- check if the serial port is busy or not (by another application: Telit PythonWin IDE or hyperterminal or other terminal emulator application need to have the AT command port free for downloading)
- check if the length of the file name is too long (read the Easy Script in Python user guide)
- check that the COM port associated to PythonWin IDE is the same of the physical COM port used to send AT command to the module
- check that the serial cable is not damaged: it could be not sufficient to be able to issue AT commands (this would mean that RX and TX lines are ok), because also the hardware flow control lines it could be necessary for downloading (see above). Obs.: when the serial cable is damaged on some lines also CMUX communication is not possible
- after an Error Write message, check if it's possible to download the file after a module reset

- if you are not able to downloaod a file because you are not able to opne the AT command port from any application, check with Task Manager windows application (ctrl-Alt-del and select it) if there is any PythonWin instance opened and then close it
- If you are using at#write to downloaod , check if you have enabled the hardware flow control on your terminal emulator and the hw flow control lines are available between your application and the controller (PC or micro)
- If you are using PythonWin IDE to downloaod, check if the hw flow control lines are available between your application and the controller (PC or micro)
- If you try to download a file on the module from a PC connected via USB to EVK (USB to USB) and you observe a endless dots outcoming in the DOS window, then try to use the Srcdownload tool to download the file instead of PythonWin and trying both Flow control on and off