

PythonWin New Features

Rev.1 – 2009-10-15



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1. Introduction

1.1. Contact Information, Support

For general contact, technical support, to report documentation errors and to order manuals, contact Telit's Technical Support Center (TTSC) at:

TS-EMEA@telit.com
TS-NORTHAMERICA@telit.com
TS-LATINAMERICA@telit.com
TS-APAC@telit.com

Alternatively, use:

<http://www.telit.com/en/products/technical-support-center/contact.php>

For detailed information about where you can buy the Telit modules or for recommendations on accessories and components visit:

<http://www.telit.com>

To register for product news and announcements or for product questions contact Telit's Technical Support Center (TTSC).

Our aim is to make this guide as helpful as possible. Keep us informed of your comments and suggestions for improvements.

Telit appreciates feedback from the users of our information.



1.2. Text Conventions



Danger – This information *MUST* be followed or catastrophic equipment failure or bodily injury may occur.



Caution or Warning – Alerts the user to important points about integrating the module, if these points are not followed, the module and end user equipment may fail or malfunction.



Tip or Information – Provides advice and suggestions that may be useful when integrating the module.

All dates are in ISO 8601 format, i.e. YYYY-MM-DD.

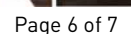
1.3. Document History

Revision	Date	Changes
0	2007-01-24	First issue
1	2009-10-15	New Layout



Telit has created a new version of PythonWin 4.1 in order to reduce the compilation time of Python script on the module (in the development phase) and also to improve other Python features:

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- The screenshot shows a Windows XP desktop environment. A File Explorer window is open, displaying the contents of the folder 'C:\Programmi\PythonNEW\Examples'. The left sidebar shows the 'Altre risorse' (Other resources) section with links to 'PythonNEW', 'Documenti', 'Risorse del computer', and 'Risorse di rete'. The main pane shows a list of files, including 'timers.py'. The context menu for 'timers.py' is open, showing options such as 'Apri', 'Download', 'Modifica', 'Edit with IDLE', 'Scan for viruses...', 'Apri con', 'Add to archive...', 'Add to "timers.rar"', 'Compress and email...', 'Compress to "timers.rar" and email', 'WinZip', 'Invia a', 'Taglia', 'Copia', 'Crea collegamento', 'Elimina', 'Rinomina', and 'Proprietà'. The 'Apri' option is highlighted.



- Another "download" option has been added to the contextual menu, of python files and compiled python files, for a reliable download of Python scripts on the module.

**NOTE:**

In order to avoid unwanted compilation on the module we advise you to download only Python files with extension .pyo

- When an error is found during the compilation process, a new file (red Python icon) with corresponding error log is created with extension *.pye. As far as the DOS window is concerned it will remain open in case of compilation errors otherwise it's closed at the end of the compilation.
- Fast search of selected test in the active file in PythonWin is possible pressing key F3
- When the Python script is compiled in PythonWin, eventual errors will be reported in Interactive Window while in the Python script window they'll be indicated with the cursor. Compilation in PythonWin can also be performed pressing key F6.
- Faster MDM and SER
- Faster download of scripts
- Introduced new libraries MDM2, SER2 and GPS
- Supported CMUX through TelitSerialPortMux
- All PythonWin examples have been improved

