Using the FTP Utility

PxPlus 2016 (v13)

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FTP Utility

- Original **FTP** utility
  - Handles **FTP** communication manually
  - Limited **FTP** protocol support
  - Performance not ideal
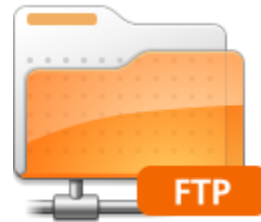
Enhanced FTP Utility

- Major enhancements
  - Uses industry standard tool curl for FTP communication
  - Full FTP protocol support
  - SFTP support Planned for 2017

- Massive speed improvement
  - 10 to 20 times faster than previous utility

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Enhanced FTP Utility

- Easier to use
  - Supports both \ and / as a directory delimiter
  - Optional directory delimiter at end of directory path

- Regular expression support added to file list
  - Use powerful MSK() pattern matching

- New list command
  - Get a directory listing from a FTP server

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How to Use FTP Utility

- To list a FTP directory call

```
CALL "*web/ftp;list", ftpServer$, user$, password$, timeout, recursion,
result$
```

- To list a sub-directory append it to the ftpSevrer$
- The directory listing or error is returned via result$

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How to Use FTP Utility

- To transfer files via FTP call *web/ftp

```
CALL "*web/ftp;send", ftpServer$, user$, password$, timeout,
filesToSend$, uploadDir$, case$, result$

CALL "*web/ftp;receive", ftpServer$, user$, password$, timeout,
filesToReceive$, downloadDir$, case$, result$
```

- **filesTo*nnn*$** list of files/directories to transfer
  - ASCII/binary, overwrite, recursion, and wildcard/mask options
  - Wildcards (* or ?) or regular expressions (MSK())
  - Example: Data|B2R;Reports*.pvr|B0

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Additional Resources

The help link(s) below refer to the current on-line help pages. The functionality may have been further updated since the PxPlus 2016 (version 13) release.

- [FTP Utility](#)

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