

Treck FTP

product information

Product Overview

Treck FTP allows you to transfer files real-time to your embedded device via any other FTP software.

Included Protocols

Treck FTP

Runtime Configuration

- When starting your FTP server you can easily tell it what functions your file system supports.
- Supports both blocking and non-blocking modes of operation.
- Supports concurrent FTP sessions using a single task (if an RTOS is used).

To manage the FTP server operation, the user will call the following functions:

- `tfFtpdUserStart`
- `tfFtpdUserUserExecute`
(used for non-blocking operation only)
- `tfFtpdUserStop`

File System Interface

The file system interface consists of the following functions that are filled in to match the user's file system. Not all of these calls are mandatory. A sample interface into a DOS file system is included.

- `tfFSChangeDir`
- `tfFSChangeParentDir`
- `tfFSCloseDir`
- `tfFSCloseFile`
- `tfFSDeleteFile`
- `tfFSGetNextDirEntry`
- `tfFSGetUniqueFileName`
- `tfFSGetWorkingDir`

- `tfFSMakeDir`
- `tfFSOpenDir`
- `tfFSOpenFile`
- `tfFSReadFile`
- `tfFSReadFileRecord`
- `tfFSRemoveDir`
- `tfFSRenameFile`
- `tfFSStructureMount`
- `tfFSSystem`
- `tfFSUserAllowed`
- `tfFSUserLogin`
- `tfFSUserLogout`
- `tfFSWriteFile`
- `tfFSWriteFileRecord`

Other Features

- Fully tested and qualified against various FTP clients. Test systems include UNIX and Windows NT.
- Seamless integration to Treck TCP/IP.
- Easy to integrate with your file system.
- Does not require an RTOS.
- Full support of the FTP RFCs.
- No porting required.
- Multiple sessions may be used simultaneously.
- FTP username/password support.
- Fully ANSI "C" compliant.
- Delivered in fully commented source code form.
- Warning free Build (even with lint checking).

For more information,
please visit www.treck.com



Mobile



Network

Treck Inc.