

Turbo Treck FTP

product information

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Turbo Treck FTP incorporates the protocols that you need to be able to transfer files real-time to your embedded device via any other FTP software.

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:

- ttfFtpdUserStart
- ttfFtpdUserUserExecute
(This call is used for non-blocking operation only)
- ttfFtpdUserStop

File System Interface

The file system interface consists of the following functions that will be 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.

- ttfFSChangeDir
- ttfFSChangeParentDir
- ttfFSCloseDir
- ttfFSCloseFile
- ttfFSDeleteFile
- ttfFSGetNextDirEntry
- ttfFSGetUniqueFileName
- ttfFSGetWorkingDir
- ttfFSMakeDir
- ttfFSOpenDir
- ttfFSOpenFile
- ttfFSReadFile
- ttfFSReadFileRecord
- ttfFSRemoveDir
- ttfFSRenameFile
- ttfFSStructureMount
- ttfFSSystem
- ttfFSUserAllowed
- ttfFSUserLogin
- ttfFSUserLogout
- ttfFSWriteFile
- ttfFSWriteFileRecord

Other Features

- Fully tested and qualified against various FTP clients. Test systems include UNIX and Windows NT.
- Seamless integration to Turbo 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.elmic.com.



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