

# HDOS FTP Reference Manual

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## Introduction

This document describes details of an implementation of Networking on HDOS using a simplified version of “ftp” designed for HDOS and use with CP/NET servers. As such, the program operates as a network-oriented command shell.

If “ftp” is invoked with a hex number argument, it will begin by performing an “open” command for that argument (the remote server network ID). In either case, “ftp” then prompts the user for commands.

Commands must be entered in lower-case. Arguments are generally not case-sensitive. The command “help” will display a list of available commands.

## Commands

### **open** *sid*

Opens a connection (socket) to the specified server ID, designated as a hexadecimal number between 0 and FE. The server ID must have been set-up in the network configuration (e.g. see **wizcfg** for WIZnet networks). There must not be a connection open.

### **close**

Close the current connection. This must be done in order to open a new connection (e.g. to a different server).

### **quit**

Quit ftp, closing any connection.

### **cd** *drive*

Change the remote drive. Since remote servers are CP/NET, *drive* is designated using CP/M nomenclature A: through P:. Default is A:. Resets to default on opening a connection.

### **lcd** *device*

Change the local HDOS device. Default is SY0:. Resets to default on opening a connection.

### **status**

Display connection status, including current remote drive and local HDOS device.

**dir** [*pattern*]

List remote files, filtered by *pattern*.

**size** *file*

Show size of (remote) *file*, in 1K resolution.

**get** *remote-file* [*local-file*]

Download *remote-file*, optionally renaming to *local-file*. If *remote-file* contains wildcards then *local-file* is not allowed.

**put** *local-file* [*remote-file*]

Upload *local-file*, optionally renaming to *remote-file*. If *local-file* contains wildcards then *remote-file* is not allowed. TBD: should file overwrite be allowed?

**delete** *file*

TBD: should this be allowed?

**rename** *old-name new-name*

TBD: should this be allowed?

## More