

## F TP Return Codes in Numeric Order

The following codes appear in the 'dialog' box within your FTP program. These codes come from the FTP server, telling you the status of your requests. For example, when you attempt to connect to an FTP site the server returns codes 150 (Connecting) and code 226 (Complete).

Below you'll find a list of the FTP return codes with an explanation of what each means.

Code	Explanation
500 Series: The command was not accepted and the requested action did not take place.	
500	Syntax error, command unrecognized. This may include errors such as command line too long.
501	Syntax error in parameters or arguments.
502	Command not implemented.
503	Bad sequence of commands.
504	Command not implemented for that parameter.
530	Not logged in.
532	Need account for storing files.
550	Requested action not taken. File unavailable (e.g., file not found, no access).
551	Requested action aborted. Page type unknown.
552	Requested file action aborted. Exceeded storage allocation (for current directory or dataset).
553	Requested action not taken. File name not allowed.
400 Series: The command was not accepted and the requested action did not take place, but the error condition is temporary and the action may be requested again.	
421	Service not available, closing control connection. This may be a reply to any command if the service knows it must shut down.
425	Can't open data connection.
426	Connection closed; transfer aborted.
450	Requested file action not taken.
451	Requested action aborted. Local error in processing.
452	Requested action not taken. Insufficient storage space in system. File unavailable (e.g., file busy).
300 Series: The command has been accepted, but the requested action is dormant, pending receipt of further information.	
331	User name okay, need password.
332	Need account for login.
350	Requested file action pending further information
200 Series: The requested action has been successfully completed.	

<b>200</b>	Command okay.
<b>202</b>	Command not implemented, superfluous at this site.
<b>211</b>	System status, or system help reply.
<b>212</b>	Directory status.
<b>213</b>	File status.
<b>214</b>	Help message. On how to use the server or the meaning of a particular non-standard command. This reply is useful only to the human user.
<b>215</b>	NAME system type. Where NAME is an official system name from the list in the Assigned Numbers document.
<b>220</b>	Service ready for new user.
<b>221</b>	Service closing control connection.
<b>225</b>	Data connection open; no transfer in progress.
<b>226</b>	Closing data connection. Requested file action successful (for example, file transfer or file abort).
<b>227</b>	Entering Passive Mode (h1,h2,h3,h4,p1,p2).
<b>230</b>	User logged in, proceed. Logged out if appropriate.
<b>250</b>	Requested file action okay, completed.
<b>257</b>	"PATHNAME" created.
<b>100 Series: The requested action is being initiated, expect another reply before proceeding with a new command.</b>	
<b>110</b>	Restart marker reply. In this case, the text is exact and not left to the particular implementation; it must read: MARK yyyy = mmmm where yyyy is User-process data stream marker, and mmmm server's equivalent marker (note the spaces between markers and "=").
<b>120</b>	Service ready in nnn minutes.
<b>125</b>	Data connection already open; transfer starting.
<b>150</b>	File status okay; about to open data connection.