

Re: FTP "LIST" command help

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.vb/2004-03/0690.html>

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On Sat, 28 Feb 2004 17:38:39 +0200, Chad Z. Hower aka Kudzu wrote:

> *[snip]*
> *That being said there are several common format and the one you referenced is*
> *a Unix format.*
>
> *rx means that you have read, write, and execute permissions. They can be*
> *listed twice -*

Wrong, there's three sets of permissions. The first set is the permissions for the owner. The second set is permissions for the group that owns the file. The third set is for everybody else.

e.g.

`rwxr-xr-x`

`rw` - read, write, execute for owner
`r-x` - read and execute for the group
`r-x` - all others are permitted to read and execute

on a directory, the x means you can traverse into the directory (CD).

The Unix FTP directory list format comes from the fact that many Unix servers would pipe output from the `/bin/ls` command. The `/bin/ls` command is standardized by the OpenGroup and I think they have man pages on their website (<http://www.opengroup.org/>).

HTH.

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If I want to do business with you, I will contact you. Otherwise, do not contact me.