

Re: [OT] Space remaining on ISP's free webospace

Source: <http://coding.derkeiler.com/Archive/Java/comp.lang.java.programmer/2005-12/msg03240.html>

- *From:* "Oliver Wong" <owong@xxxxxxxxxxxxxxxx>
 - *Date:* Wed, 21 Dec 2005 20:54:28 GMT
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"Rhino" <no.offline.contact.please@xxxxxxxxxx> wrote in message
[news:vOkpf.232\\$%N1.58677@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:vOkpf.232$%N1.58677@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

>I realize that this isn't a particularly appropriate place to ask this but
>I've already posted to my ISP's newsgroup and am still waiting for an
>answer hours later. I thought I'd try here too and see if someone has any
>ideas.

>

> I have 5 MB of free space on my ISPs server as part of my Internet
> service. I am trying to figure out how much of that space is still
> available. (I'd settle for knowing how much of the space is used; I can
> subtract that from the 5 MB to see how much space is left.)

>

> I'm using Ant to FTP a small directory tree to the server and it's coming
> back with a very vague message that says it konked out on the fourth file
> but without any specific reason. I don't know if the 5 MB is exhausted or
> a file is corrupted or the connection was lost or something else
> altogether so I want to determine the amount of free space left, just to
> rule out that possible cause.

>

> I'm inclined to think the space is not exhausted – I deleted a bunch of
> files before attempting to add the new ones and I think the old were
> bigger (in aggregate) than the new ones – but I could be wrong.

>

> I have an FTP client, SmartFTP, but I can't find any way to determine how
> much space is left. It has a command line feature and I've tried doing
> 'df' but it doesn't even recognize the command. Then again, the only
> command it *has* recognized, of the ones that I've tried, is 'pwd'. 'ls',
> 'li', 'echo hi', 'dir' have all been rejected as unknown commands. Mind
> you, I don't know what operating system the server is using!

>

> I've connected directly to the server with the ftp command from my Windows
> command prompt but the ftp session doesn't appear to have any subcommands
> that can determine the amount of space remaining.

>

> I thought about writing a quickie Java class that could interrogate the
> server for space remaining but didn't find any classes that would tell me
> that. There is no FTP class and the URL class doesn't seem to have
> anything to interrogate space remaining on the server.

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>
> I'm spinning my wheels here and would appreciate some suggestions. This
> seems like something that should be easy to determine but nothing I've
> tried yet works....

The set of FTP commands is defined in RFC 959:

<http://www.freesoft.org/CIE/RFC/959/20.htm>

PWD and LIST list files, and some servers will return information like free space along with that. This is not required by the standards, though.

SITE, SYST and STAT return information about the server. The standard does define very specifically what information should be returned, so the free space may be there, or it might not be.

If your server defines custom commands (which is perfectly legal), they would probably be listed via the HELP command.

The ALLO command requests a certain amount of space be allocated to prepare for a file upload. Implementations are free to treat this as a NOOP, but perhaps your server will check the disk quota rules and return an error if the allocation would exceed the quota. You can test this by trying to allocate some large value (e.g. 10 megs) and seeing if it fails. If it does, you might be able to use a binary search to determine the maximal file size you can upload.

Otherwise, I recommend you simply download all the files you own (presumably less than 5 megs), and measure their sizes.

– Oliver

• **References:**

- ◆ **[\[OT\] Space remaining on ISP's free webspace](#)**
 ◇ *From:* Rhino

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