
Subject: Re: FTP downloading in IDL

Posted by [Michael Galloy](#) on Mon, 23 Jul 2012 16:46:42 GMT

[View Forum Message](#) <> [Reply to Message](#)

On 7/23/12 8:58 AM, C.E. Ordonez wrote:

> On 7/21/12 3:50 PM, JBT wrote:

>> Dear all,

>>

>> So, does anyone know a working solution to download a file from an FTP

>> server, please? Your help is much appreciated!

>>

>

> Both socket and IDLnetUrl methods worked on my OS X Lion + IDL 8.2:

>

> IDL> help,!version,/st

> ** Structure !VERSION, 8 tags, length=104, data length=100:

> ARCH STRING 'x86_64'

> OS STRING 'darwin'

> OS_FAMILY STRING 'unix'

> OS_NAME STRING 'Mac OS X'

> RELEASE STRING '8.2'

> BUILD_DATE STRING 'Apr 10 2012'

> MEMORY_BITS INT 64

> FILE_OFFSET_BITS

> INT 64

> IDL>

> IDL> url =

> ' ftp://ftp.ngdc.noaa.gov/STP/GEOMAGNETIC_DATA/INDICES/KP_AP/2 008'

> IDL> read_ftp, url, file = '2008'

> <220- ----- Notice -----

> <220-

> <220- This is a United States Department of Commerce computer system, which

> <220- may be accessed and used only for official Government business by

> <220- authorized personnel. Unauthorized access or use of this computer

> <220- system may subject violators to criminal, civil, and/or

> administrative

> <220- action.

> <220-

> <220- All information on this computer system may be intercepted, recorded,

> <220- read, copied, and disclosed by and to authorized personnel for

> <220- official purposes, including criminal investigations. Access or

> use of

> <220- this computer system by any person whether authorized or

> unauthorized,

> <220- constitutes consent to these terms.

> <220-

> <220- ----- Notice -----

> <220-

```
> <220- Questions/Problems should be directed to ngdc.linux-admin@noaa.gov
> <220
>> USER anonymous
>> PASS test@test.com
>> TYPE I
>> CWD /STP/GEOMAGNETIC_DATA/INDICES/KP_AP
>> SIZE 2008
>> PASV
>> RETR 2008
>> QUIT
> IDL>
>
> And as David noted, the IDLnetUrl method was almost instantaneous. The
> socket method took 45 sec.
```

Curious. Worked for me on Linux:

```
IDL> print, !version
{ x86_64 linux unix linux 8.0.1 Oct 7 2010    64    64}
```

But not on OS X (Lion):

```
IDL> print, !version
{ x86_64 darwin unix Mac OS X 8.2 Apr 10 2012    64    64}
```

Mike

--

Michael Galloy

www.michaelgalloy.com

Modern IDL: A Guide to IDL Programming (<http://modernidl.idldev.com>)

Research Mathematician

Tech-X Corporation
