

---

Subject: Re: idlneturl question

Posted by [Matthew Argall](#) on Wed, 04 Mar 2015 11:45:27 GMT

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

---

I have not found a way to look at file information using IDLnetURL without downloading the file first. With IDLnetURL, you have to perform a Get, then look at the response header. Below is an example of how to get the response header.

```
IDL> oURL = IDLnetURL()
% Loaded DLM: URL.
IDL> info = oURL -> Get(URL=' ftp://spdf.gsfc.nasa.gov/pub/data/omni/omni_cdaweb/hro_5min/
1981/omni_hro_5min_19811201_v01.cdf')
IDL> oURL -> GetProperty, RESPONSE_HEADER=rh
IDL> print, rh
220-WARNING! This is a U.S. Government Computer
This U.S. Government computer is for authorized users only.
By accessing this system, you are consenting to complete monitoring with no expectation of
privacy.
Unauthorized access or use may subject you to disciplinary action and criminal prosecution.
220 Welcome to our FTP Server
331 Anonymous login ok, send your complete email address as your password
230 Anonymous access granted, restrictions apply
257 "/" is the current directory
250 CWD command successful
250 CWD command successful
250 CWD command successful
250 CWD command successful
250 CWD command successful
250 CWD command successful
200 EPRT command successful
200 Type set to I
213 2128388
150 Opening BINARY mode data connection for omni_hro_5min_19811201_v01.cdf (2128388
bytes)
226 Transfer complete
```

Well, that was interesting...

Apparently NASA will not give you a meaningful response header. This is how I normally do it, though. There should be a "Last-Modified" field that you can look for to parse the information you want.

```
IDL> file = oURL -> Get(URL=' http://emfisis.physics.uiowa.edu/Flight/RBSP-A/L3/2013/02/02
/rbsp-a_magnetometer_4sec-geo_emfisis-L3_20130202_v1.3.2.cdf')
IDL> ourl -> GetProperty, RESPONSE_HEADER=rh
```

IDL> print, rh

HTTP/1.1 200 OK

Date: Wed, 04 Mar 2015 11:44:03 GMT

Server: Apache/2.2.22 (Ubuntu)

Last-Modified: Thu, 29 Jan 2015 21:26:19 GMT

ETag: "53c077a-f7fa2-50dd123904e55"

Accept-Ranges: bytes

Content-Length: 1015714

Content-Type: application/x-cdf

---