
Subject: Re: Help with IDLnetURL

Posted by [Rob Klooster](#) on Wed, 17 Jul 2013 14:58:19 GMT

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Op zondag 14 juli 2013 17:05:51 UTC+2 schreef Matthew Argall het volgende:

> All,

>

>

>

> I am trying to use the IDLnetURL class to retrieve data from an HTTP site. The documentation on the host says it will return either a Zip file containing the data or a Text file named CAA_Error.log.x, depending on whether an error occurred or not. The problem is that IDL changes the filename of the saved file to 'idl.dat', or to whatever I specify with the FILENAME keyword. Is there any way to determine which file type has been retrieved and to name it accordingly?

>

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> The scheme they give is this:

>

> url = ' http://caa.estec.esa.int/caa_query/?key1=value1&key2=value2&...'

>

>

>

> So, what I am doing is:

>

>

>

> oURL = Obj_New('IDLnetURL')

>

> oURL -> SetProperty, URL_SCHEME='http', URL_HOST='caa.estec.esa.int'

>

>

>

> [Widget to get input from user (i.e. username, password, etc.)]

>

>

>

> oURL -> SetProperty, URL_PATH='caa_query/?key1=value1&key2=value2&...'

>

>

>

> fname_returned = oURL -> Get()

You could save a temporary copy, read in the first couple of bytes from the file and compare it to the magic number for ZIP files (see <http://www.digitalpreservation.gov/formats/fdd/fdd000354.shtml> under file signatures)

```
bytes = bytarr(4)
openr, lun, filename, /get_lun
readu, lun, bytes
free_lun, lun
```

If the bytes array is equal to [80b,75b,1b,2b], [80b,75b,3b,4b], [80b,75b,5b,6b] or [80b,75b,7b,8b] then it is a ZIP file, otherwise it is probably the plain text file.
