
Subject: strange results from webget
Posted by [JP](#) on Wed, 19 Dec 2012 22:10:28 GMT
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G'day all,

I am using the webget function from astrolib <http://idlastro.gsfc.nasa.gov/> and i am finding some weird things.

This is my example:

If I call webget to retrieve the information from an url like this:

```
http://thredds0.nci.org.au/thredds/dodsC/u39/modis/lpdaac-mo
saics-cmar/v1-hdf4/aust/MOD09A1.005/2004.12.10/MOD09A1.2004.
345.aust.005.b01.500m_0620_0670nm_refl.hdf.gz.ascii?500m_062
0_0670nm_refl[5109:1:5343][7451:1:7472]
```

If you try that in a browser you'll see it returns meaningful data. (for thos interested that's a small subset of a MODIS reflectance product for Australia).

I try that with webget doing:

```
url = ' http://thredds0.nci.org.au/thredds/dodsC/u39/modis/lpdaac-mo
saics-cmar/v1-hdf4/aust/MOD09A1.005/2004.12.10/MOD09A1.2004.
345.aust.005.b01.500m_0620_0670nm_refl.hdf.gz.ascii?500m_062
0_0670nm_refl[5109:1:5343][7451:1:7472]'
```

```
a = webget(url)
```

so far so good.

However, when i explore the contents of a.text, in a few cases the result doesnt match what you get in your browser. For example:

```
for i=68, 71 do print, a.text[i]
```

I get:

```
[56], 1921, 1980, 1785, 1954, 2078, 2072, 1822, 1822, 1401, 1494, 1494, 1840
2000
, 2218, 2050, 2050, 1798, 1719, 1683, 1808, 1652, 1940, 1703
[57], 1945, 1980, 1921, 1927, 1865, 1865, 1944, 1678, 1290, 1255, 1477, 1901, 1840, 1996,
1916, 1631, 1762, 1756, 1756, 1652, 1652, 1641
```

that's different from what i expect , looking at the result in my browser which looks:

```
[56], 1921, 1980, 1785, 1954, 2078, 2072, 1822, 1822, 1401, 1494, 1494, 1840, 2218, 2050,
2050, 1798, 1719, 1683, 1808, 1652, 1940, 1703
[57], 1945, 1980, 1921, 1927, 1865, 1865, 1944, 1678, 1290, 1255, 1477, 1901, 1840, 1996,
1916, 1631, 1762, 1756, 1756, 1652, 1652, 1641
```

the problem is repeated a few other times.

Any ideas? I know webget uses SOCKET and other things like that, I didn't go that far in exploring where the problem could be in.

Thanks

JP
