
Subject: connecting to a server to retrieve data (optimizing)

Posted by [nunoragil](#) on Sun, 28 Nov 2004 04:57:13 GMT

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Hi listers,

I'm fetching some data from the web with the following routine. This does the trick but it gets very slow, for it reads the data on the server and writes it locally bit by bit in a loop.

Does anyone knows if it is possible to send the request and simply get the entire data in one turn?

If not, can I read the data bit by bit and append it inside a variable instead of first writing it all to the disk in a file and then reading that same file afterwards?

Regards

Nuno

```
FUNCTION getCoverage, coverage, xMin, xMax, yMin, yMax, format
```

```
    getRequest='GET /cgi-bin/wcs?REQUEST=GetCoverage&COVERAGE='+coverage+'&am
p;SERVICE=WCS&'+
```

```
$
```

```
'map=wcs.map&BBOX='+xMin+', '+yMin+', '+xMax+', '+yMax+'&am p;FORMAT='+format+
```

```
$
```

```
'&CRS=EPSG:4326&RESX=0.000833333&RESY=0.000833333'
```

```
    host = 'iced.sge.ucl.ac.uk'
```

```
    port = 80
```

```
    SOCKET, unit, host, port, /GET_LUN
```

```
    PRINTF, unit, getRequest
```

```
    WIDGET_CONTROL, /HOURGLASS
```

```
    OPENW,img, 'c:\temp.tif', /GET_LUN
```

```
    byte_in = 0B
```

```
    WHILE EOF(unit) EQ 0 DO BEGIN
```

```
        READU, unit, byte_in
```

```
        WRITEU,img,byte_in
```

```
    ENDWHILE
```

```
    FREE_LUN, unit, img
```

```
    CLOSE, /ALL
```

```
    RETURN, READ_TIFF ('c:\temp.tif', GEOTIFF = imgGeoTags)
```

```
END
```
