
Subject: Huge HDF files

Posted by [Sean Raffuse](#) on Tue, 17 Jul 2001 20:21:37 GMT

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

Is there a limit to the size of file you can bring into IDL?

I am interested in some new satellite data that comes in at 270mb per HDF file. I got an error when I tried to open it using ENVI, so I was wondering if it was just too big for IDL to handle. Somehow, I doubt it.

The related question: Is there a similarly helpful newgroup for ENVI?

Thanks,

Sean Raffuse

Subject: Re: Huge HDF files

Posted by [Craig Markwardt](#) on Wed, 18 Jul 2001 13:56:21 GMT

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

"Sean Raffuse" <sean@me.wustl.edu> writes:

> Is there a limit to the size of file you can bring into IDL?
>
> I am interested in some new satellite data that comes in at 270mb per HDF
> file. I got an error when I tried to open it using ENVI, so I was wondering
> if it was just too big for IDL to handle. Somehow, I doubt it.
>
> The related question: Is there a similarly helpful newgroup for ENVI?

It is possible to handle data larger than 270 MB. I don't know about windows, but under Unix, you often have to deal with process memory limits. If you have Unix, check out the "limit" or "ulimit" command, and use it to set your datasize to a large number, or "unlimited", before running IDL.

Craig

--

Craig B. Markwardt, Ph.D. EMAIL: craigmnet@cow.physics.wisc.edu
Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response

Subject: Re: Huge HDF files

Posted by [Peter Scarth](#) on Tue, 24 Jul 2001 05:34:47 GMT

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

Hi Sean,

ENVI should open this size of file - I am currently working on MASTER data that is delivered as 800MB+ HDF files and I can open it fine in both ENVI and IDL. Make sure your "Memory Usage" settings in ENVI are set up correctly, and that you have the latest service packs installed.

Cheers,

Peter

"Sean Raffuse" <sean@me.wustl.edu> wrote in message [news:9j263i\\$iqas1@newsreader.wustl.edu](mailto:news:9j263i$iqas1@newsreader.wustl.edu)...

> Is there a limit to the size of file you can bring into IDL?

>

> I am interested in some new satellite data that comes in at 270mb per HDF
> file. I got an error when I tried to open it using ENVI, so I was
wondering

> if it was just too big for IDL to handle. Somehow, I doubt it.

>

> The related question: Is there a similarly helpful newgroup for ENVI?

>

> Thanks,

>

> Sean Raffuse

>

>
