
Subject: ION ?s

Posted by [R.G. Stockwell](#) on Tue, 15 Feb 2000 08:00:00 GMT

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\input{standard_greeting}

I want to share output from a model with some colleagues over the 'net. ION (IDL o' the internet) seems to be THE solution.

Questions:

Is it possible to read in (to RAM) a huge file (~1 gb) once, and allow many separate webusers to get access to it (through ION in separate webbrowser sessions)?

(I.E. I want to have it reside as a global variable in RAM, since reading the data every time someone accesses it through the webpage would be too slow.)

I've been reading through the ION manuals, and it doesn't seem clear how to do this, it looks like variables would be read in each time the page is accessed.

What I plan to do is to make a page where any number of users can run an ion script through their browser, to select regions of the data (and zoom in, change plot types, change data fields, and create a jpeg of the data, etc.).

The data will change every day (1 gb of data each day at say midnight, that I'd like to read into RAM and have it accessed for the next 24 hours by anyone reading the ionscript webpage)

cheers,
bob

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