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Subject: Comparison AVS - IDL

Posted by [phrje](#) on Sun, 03 Oct 1993 12:43:14 GMT

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We are designing an instrument with a very large multidetector and are interested in programmes which can be used for analysis, visualisation and simulation of the acquired data set. On the the final instrument the data set may be as large as 100 MB of integer data. The data is 4 or 5 dimensional and we will require the analysis software to extract various slices/planes as well as perform operation on large regions. We are planning to use a DEC Alpha 400 with about 128 MB of RAM as the computer system (running under VMS). The software which has been suggested for this project is either AVS or IDL. From the brief technical literature I have bothe are possible. Of course AVS cost ~5 times as much as IDL. But It looks as if I'd have to do a lot more work to get IDL to solve my problems.

Does anyone have experience of the two programmes and care to comment on the advantages/ disadvantages, ease of use, value for money or anything else. Once I get the new Alpha we should be able to play with demos of the programmes but I'd like some input from other sources before that.

Don

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