Subject: Reading various HDF files

Posted by Nicola on Wed, 09 Nov 2005 10:02:21 GMT

Hi all
I'm facing this problem which deal I think to memory problem.
I've the ouput of numerical simulations which are saved in HDF format.
I've outputs every, lets say 10 time step, which means that I've around
1000 HDF file each of them containig 8 fields which have dimension
(64,128,8, dimension on x,y,z direction. It's a cubic domain
simulation).
Now I want to create a movie of the evolution of one field, let's say.
I choose one of the field of HDF file let's call it field and I choose
one particular plane on z, let's say I want the evolution of
field[*,*,8] as a function of time showing it as a movie.
Is there a good way to do this whitout a for loop for reading all the
files and than saving the only field which I need?
I hope I've been sufficiently clear.
Thanks for all the answer
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