Subject: Re: how to sort data based on other sorted data
Posted by placebo on Thu, 10 Jan 2008 18:23:49 GMT
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> What are the minimum and maximum values of your coordinate data?

The range for the data is small, nanometer sizes. My data files represent the coordinates for atom positions in a crystal lattice. The precision in the coordinates goes out to 15 or so decimal places, for ex: 4.271762465783982 nm.

> The idea is to merge your array of coordinates in a single vector that
> can be sorted.

> Example:
> color=4700000
> Blue=fix(color/2.^16)
> Green=fix((color mod 2.^16)/2.^8)
> Red=fix((color mod 2.^16) mod 2.^8)
> Print,Blue,Green,Red

I see how the example works with Integers, but I need to find what "color" would be for each row of data (floating point). I think the "MOD" function may pose a problem here, although I've not played around with it yet.