## Subject: Re: concatenate arrays of different sizes Posted by Vince Hradil on Thu, 27 Mar 2008 15:48:36 GMT

View Forum Message <> Reply to Message

On Mar 27, 10:34 am, vino <astrocr...@gmail.com> wrote:

- > Hello Everyone,
- > I am trying to concatenate arrays of different sizes into a single
- > variable. The problem is as follows:
- > I am tracking about 10,000 stars through a period of six months. I
- > have a single variable containing the intensity of all stars with
- > zeros when the star is not in the field of view. I ran into memory
- > problems when i try to track for longer periods.
- > so i thought of storing the information only when the stars are
- > present in the field of view. This is where i am lost since each star
- > is present for different periods and i dont know how to store them all
- > in a single variable. The alternative might be to store each star
- > information in a single file but the aim of my project is to track
- > about half a million stars, i wanted to do something sensible right
- > from the first.

Thanking you in advance for your help

- > regards,
- > vino

I would use an array of structures...

for each star:

star data[i] = {star id:current star id, month:obs month,

intens:current star intensity)