Subject: accelerate processing time Posted by m.goullant@gmail.com on Mon, 10 Jul 2006 16:47:30 GMT View Forum Message <> Reply to Message

Hi all,

I'm a newbie in IDL and in programming. I have the following question:

I have an irregular point cloud (X,Y,Z), and i must calculate the euclidean distances several times because I need to do some iterations to get the final results:

radio=mask /2

FOR i=0L,N\_ELEMENTS(z)-1 DO BEGIN

distances=sqrt((x-x[i])^2+(y-y[i])^2); Euclidean distances neighbors=WHERE(distances LE radio)

## **ENDFOR**

If I have 2 million floating points, with several iterations, the computing time will be very tedious.

Can anyone advice me in a solution for this!

Thank you! Best regards, Marie