
Subject: vectorising versus loops

Posted by [nasalmon](#) on Sun, 22 Feb 2004 18:16:41 GMT

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Does anyone know what the speed increase factor is in IDL programmes when going from "do loops" to full vectorisation of arrays? I know all programmes are different and not every process lends itself to vectorisation. However, there must be some rule of thumb, ie speed going as a linear function of the number of array elements times some factor.

Also, are there any tricks to play if you want to vectorise loops that have IF statement decision in them, or any general rules for neat vectorisation of looped programmes?

Many thanks,
Neil
