## Subject: Re: subscripting arrays Posted by Chris Lee on Tue, 22 Nov 2005 09:36:47 GMT

View Forum Message <> Reply to Message Benjamin Hornberger wrote: > Hi all, > > this is probably simple, but I can't figure it out right now: > I want to extract an element from a 2d array, and I have the 2d subscripts of that element available as a 2-element vector. > IDL> a = dist(300)> IDL > b = [30, 50]> IDL> print, a[b] 30.0000 50.0000 > Not what I want. What I want is > IDL> print, a[b[0], b[1]] 58.3095 > > Is there a more elegant way than splitting b up? > Thanks, > Benjamin You can get the correct answer using the one-dimensional index. a=dist(300)b=[30,50]scale=[1,300] print, a[total(b\*scale)] but it's not very elegant.

Chris.