
Subject: Re: A complicate problem for building a map
Posted by [Olaf Stetzer](#) on Mon, 20 Oct 2003 11:42:25 GMT
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ftls1@uaf.edu schrieb:

- > I met a problem of map building as below,
- > I have two 2-D tables of RT(nw,nt), RW(nw,nt), nw and nt are
- > constants,
- > both RT and RW range from -1 to +1, the value of nw, even though it is
- > 'integer', actually means wind speed from
- > -50 m/s to 50 m/s and the nt means temperature from 0 to 300 K.
- > Now I want to get a table with x and y axis of RT and RW respectively.
- > The purpose to build such a table is that if there is an arbitrary
- > pair
- > of RW and RT value, I can look it in the table and find the
- > appropriate
- > wind and temperature.
- > I've been thinking on this topic for a couple of weeks without any
- > idea, in C
- > language there is a concept of 'Group', but IDL does not.

I am not sure if I understood you correctly but maybe you can use
the where() function to find your information. You want the "cordinales"
where:

wind = 50 m/s and T= 250 K ?

wind_temp_indices=where(RT eq 250 and RW eq 50) ; or use the "coded"
; values for 250 K and 50 m/s instead
