
Subject: How to do a "match merge"?

Posted by [Joe Means](#) on Thu, 25 Oct 2001 19:37:49 GMT

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<html><head></head><body>;I have a structure:

<tt>segment = {seg:0, piece:0, rotation:0.0, length:0.0}

segments = Replicate(segment, 2000)

</tt>

;then I read data to fill array segments. For each segment there can be 1 or more values of piece,

;so the data in segments can look like:

segment piece rotation

1 1 1.3

1 2 5.7

2 1 4.4

2 2 3.4

2 3 5.5

.....

;then I calculate length for each segment and put those values in a vector array whose index is equal to segment-1, so each length can be easily matched to each segment. My question is can I effeciently match the length values into the structure for each piece without looping? Statistical programming languages like SAS have match-merge capabilities so this kind of thing is simple, but I am not aware of similar capabilities in IDL.

Thanks for any help.

Joe

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