
Subject: Re: How to do a "match merge"?

Posted by [Joe Means](#) on Thu, 25 Oct 2001 22:24:18 GMT

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<html><head></head><body>Thanks to JD, Pavel and Dick who responded. The simple approach below should work just fine.

Joe Means

JD Smith wrote:

<blockquote type="cite" cite="mid:3BD86DD2.EA6A4E6@astro.cornell.edu"><pre wrap="">Joe Means wrote:
</pre>

<blockquote type="cite"><pre wrap="">;I have a structure:
segment = {seg:0, piece:0, rotation:0.0, length:0.0}
segments = Replicate(segment, 2000)

;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.

</pre></blockquote>

<pre wrap=""><!---->
Will

IDL>
segments.length=seg_len_vec[segments.segment-1]

do what you want?

JD
</pre>

</blockquote>

<pre class="moz-signature">--

Joseph E. Means

Assistant Professor, joe.means@orst.edu

Department of Forest Science

Oregon State University

Corvallis, OR 97331-5752

541-750-7351</pre>

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