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

Posted by [John-David T. Smith](#) on Thu, 25 Oct 2001 19:53:54 GMT

[View Forum Message](#) <> [Reply to Message](#)

Joe Means wrote:

```
>
> ;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.
>
```

Will

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

do what you want?

JD
