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Subject: Fill Missing values with NaN

Posted by [idlusr](#) on Thu, 10 Aug 2017 19:00:39 GMT

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How can one do the following in IDL:

```
time = [1, 4, 7, 8]
```

```
dens =[80,60,30,50]
```

```
alltimes = [0,1,2,3,4,5,6,7,8,9]
```

```
densnew = [NaN, 80, NaN, NaN, 60, NaN, NaN, 30, 50, NaN]
```

i.e., compare time to all times, allowing densnew to have same # of elements as all times but ONLY the densities in dens. Missing elements in densnew (depending on time) are given NaN value.

Thank you!

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