
Subject: Re: constant time cadence

Posted by [Matthew Argall](#) on Thu, 20 Apr 2017 12:46:12 GMT

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Via interpolation.

```
;Create sample time and data arrays
```

```
time = [0:720:6]
```

```
time = [time, [time[-1] + 7:time[-1]+728:7] ]
```

```
time = [time, [time[-1] + 8:time[-1]+728:8] ]
```

```
time = [time, [time[-1] + 11:time[-1]+770:11] ]
```

```
time = [time, [time[-1] + 80:time[-1]+800:80] ]
```

```
time = [time, [time[-1] + 300:time[-1]+900:300] ]
```

```
data = FIndGen( N_Elements(time) )
```

```
;Create desired time cadence and interpolate data
```

```
tout = [time[0]:time[-1]:360.0]
```

```
dout = Interpol(data, time, tout)
```
