
Subject: Re: Julday
Posted by [R.Bauer](#) on Mon, 24 Jun 2002 06:37:32 GMT
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Wolfgang Koppe wrote:

>
> Dear members,
>
> I would like to convert ASCII data-sets with the Julday function. I
> haven't got a lot of experience with IDL. I can convert 1 date like
> this:
> PRINT, JULDAY (2000,11,6,12,35,12)
> -->1784427.0,
> but I want to convert a whole ASCII file with dates.
> Do I have to write a whole programm?
> Is it possible to use programm VIP (visual IDL programming)?
>
> Thanks a lot.
>
> Wolfgang

Dear Wolfgang

idl is an array orientated language.
Most functions are programmed to use arrays too.

The following example show vectors of data
all with the same length defining two dates.

If you take a look into the online help of julday

Result is of type double-precision if Hour, Minute, or Second is
specified, otherwise Result is of type long integer. If all arguments
are scalar, the function returns a scalar. If all arguments are arrays,
the function matches up the corresponding elements of the arrays,
returning an array with the same dimensions as the smallest array

```
year=[2000,2001]
month=[11,2]
day=[6,4]
hour=[12,10]
min=[35,10]
sec=[12,10]
```

```
print,julday(year,month,day,hour,min,sec)
      1784427.0    1783718.9
```

regards

Reimar

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a IDL library at ForschungsZentrum Juelich
http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_lib_intro.h_tml