
Subject: Re: How to convert Julian date into Gregorian date format in IDL?

Posted by [Michael Galloy](#) on Thu, 20 Nov 2014 22:51:14 GMT

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

On 11/20/14, 3:14 PM, mick.mitanirc3@gmail.com wrote:

- > I think the disconnect here is between Julian Date and Julian Day of
- > Year (DOY).
- >
- > Mr. Hasan's value of 213 is a Julian Day of Year value, in this case
- > 213 days into year 2010. Systime with the /Julian flag returns the
- > Julian Date value - the number of seconds elapsed since 00:00:00 Jan
- > 1 1970 UTC (commonly called the Unix or POSIX Epoch).
- >
- > The military often use Julian DOY in the form of YYYYDOY or YYDOY and
- > unfortunately usually call the result a Julian Date which wasn't a
- > problem until us programmers came around with our date/time
- > functions.
- >
- > The JHU library function I mentioned in my first reply works with
- > Julian DOY.
- >

Ah, got it! I have not heard DOY called a Julian date.

--

Michael Galloy

www.michaelgalloy.com

Modern IDL: A Guide to IDL Programming (<http://modernidl.idldev.com>)

Research Mathematician

Tech-X Corporation
