Subject: Re: How to convert Julian date into Gregorian date format in IDL?
Posted by mick.mitanirc3 on Thu, 20 Nov 2014 22:14:00 GMT

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.