Parse a date/time in ISO format and on the UTC scale >>> from astropy.time import Time >>> t = Time("2010-06-01 00:00:00",format="iso", scale="utc") . . . >>> t <Time object: scale='utc' format='iso' vals=2010-06-01 00:00:00.000> Access the time in Julian Date format >>> t.id 2455348.5 Access the time in year:day:time format >>> t.yday '2010:152:00:00:00.000' Convert time to the TT scale >>> t.tt <Time object: scale='tt' format='iso'

vals=2010-06-01 00:01:06.184>

Find the Julian Date in the TT scale

>>> t.tt.jd 2455348.5007660184