Subject: Re: Orbit calculations from TLE Posted by Brian Wolven on Wed, 08 Jun 2016 03:11:31 GMT View Forum Message <> Reply to Message

On Thursday, May 26, 2016 at 10:39:22 AM UTC-4, nata wrote:

- > Hi all,
- >
- > Does anybody have a routine to compute a satellite orbit from the Two-line element set (TLE)?
- > It would be amazing to have something like http://pyorbital.readthedocs.io/en/latest/ under IDL
- >
- > Thank you in advance for your help,
- > nata

I have an IDL version of the SGP4 code that was created by Jeff Beck at Lehigh University - he was also responsible for the MATLAB version that is more readily available, e.g., here: http://www.codeforge.com/article/215204.

The only problem is... I'm not sure where I got the code originally. You could try contacting the author - email is in the listing at the link above. Alternatively I could drop the folder in dropbox and provide a public link.