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Subject: Re: Orbit calculations from TLE

Posted by [Jim Pendleton](#) on Fri, 27 May 2016 21:02:33 GMT

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On Thursday, May 26, 2016 at 8:39:22 AM UTC-6, 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

There are some reference implementations in other languages at this site:

<https://celestrak.com/publications/AIAA/2006-6753/>. No IDL, but it should not be too hard to port.

I know it's been done before... I believe an efficient IDL port would be considerably fewer than 200 lines of IDL code, excluding comments.

Jim P.

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