
Subject: Re: IDL procedure for satellite orbits
Posted by [gennari](#) on Sun, 11 Oct 1998 07:00:00 GMT
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William Keel (keel@bildad) wrote:

: OK, I'm starting to sweat bullets and willing to beg. I'm looking
: for an IDL procedure that calculates the position and velocity
: vectors for an Earth satellite - the reason I want IDL is so I
: can use its mapping and image-warping features to generate a
: prediction of the accessible sky to plan observations with a
: hitch-hiker payload. I have implemented one routine, based
: on Manfred Bester's approach in the sattrack C code, but I'm
: unsatisfied with its accuracy.

: I'll be grateful for any help. The device is sitting on the pad...

Did you try downloading satellite tool kit from www.stk.com? It is
free and should be able help you plan where a payload will
be looking (earth or beyond).

Scott
