

---

Subject: Re: IDL procedure for satellite orbits  
Posted by [gennari](#) on Sun, 11 Oct 1998 07:00:00 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

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](http://www.stk.com)? It is  
free and should be able help you plan where a payload will  
be looking (earth or beyond).

Scott

---