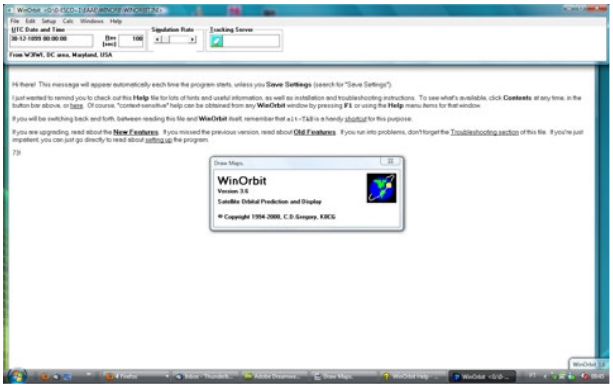
WinOrbit

WinOrbit is a *free* software package for Microsoft Windows (3.1 or later), which will compute and display the position of artificial earth satellites. This is a program I wrote as a hobby, in order to learn more about satellite orbits and tracking (and programming), but which I thought might also be useful to others.



A screenshot of WinOrbit program launch.

WinOrbit is a program for computing artificial Earth-satellite position and visibility, with the Amateur Radio satellite operator in mind. It was written for the Microsoft Windows 3.1 operating system. WinOrbit is free (not shareware). The latest version is 3.1. WinOrbit has 4 basic functions:

* Graphical display of satellite positions in real-time, simulation, and manual modes.
* Tabular display of satellite information in the same modes.
* Generation of tables (ephemerides) of past or future satellite information for planning or analysis of satellite orbits.
* Output of current tracking information (az, el, doppler, etc.) to a client program for control of tracking hardware such as antennas, radios, or telescopes.

WinOrbit has a tricky installation, that isn't very user-friendly. You should read the readme file of the ZIP package carefully and fullfil every step.

Have fun.

Links:
WinOrbit Download
WinOrbit Software webpage