



Modeling and Simulation Technologies (MaSTech)

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Welcome to CADAC Studio!

CADAC Studio is a plotting and analysis program supporting the CADAC simulations. It has two parts:
KPLOT plots trajectories in 2 DIM, 3DIM and over the GLOBE. For Monte Carlo simulations it analyses the results and plots CEP, bivariate ellipses, and histograms.

SWEEP++ creates footprints and launch envelopes together with program **SWEEP**

CADAC Studio was developed by a US Air Force sponsored contract for unlimited distribution. It is compatible with Windows OS up to and including Windows 7.

Installation

To install KPLOT go to folder KPLOT and click on 'setup.exe'

To install SWEEP go to both folders SWEEP++ and SWEEP and click on 'setup.exe'

KPLOT Installation Problems Caused by Ant-Virus Programs

Installation

KPLOT uses 'globe.exe' to make plots on the globe and has done so for decades. Some recent anti-virus programs are more aggressive and quarantine 'globe.exe' (related to Active X deprecation). Without 'globe.exe' KPLOT will not install.

Quarantining of 'globe.exe' may already occur during downloading, copying to a local file folder, or unzipping of CADAC_Studio.

Solution: Before installing KPLOT, check in CADAC_Studio/KPLOT whether 'globe.exe' is present. If not, first disable your anti-virus Real-Time Scanning, then (1) copy 'globe.txt' to another folder for safekeeping, (2) change 'globe.txt' to 'globe.exe'; (3) go to CADAC_Studio/KPLOT and click on 'setup.exe' to install KPLOT.

Helpful Provision: To allow globe.exe through your Windows firewall go to Control Panel -> System and Security -> Windows Firewall -> Allowed Programs and check the box for GLOBE; also make sure that the box for KPLOT is checked.

Plotting with GLOBE

While using the other plotting options of KPLOT, the anti-virus program may have quarantined 'globe.exe'. To plot with KPLOT/GLOBE, (1) disable your anti-virus Real-Time Scanning; (2) copy into C:\Program Files (x86)\CADAC_Studio\KPLOT previously saved 'globe.txt'; (3) change 'globe.txt' to 'globe.exe'. Now KPLOT/GLOBE is working as long as the Real-Time Scanner is disabled.

Older Documentation

The **DOC** folder contains older documentation that may be useful for running **SWEEP**