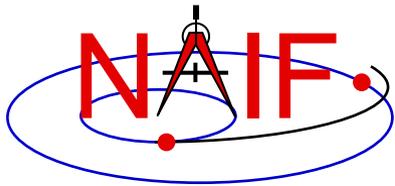




Navigation and Ancillary Information Facility

Doing Selected SPICE Lessons Using WebGeocalc (WGC)

February 2023



Doing Selected Lessons Using WGC

Navigation and Ancillary Information Facility

- **WGC provides a graphical user interface (GUI) to a SPICE server running a geometry computation engine**
- **WGC running on the NAIF server provides access to kernels used in selected SPICE lessons**
 - The NAIF's WGC and WGC2 URLs are
<https://wgc.jpl.nasa.gov:8443/webgeocalc/#NewCalculation>
<https://wgc2.jpl.nasa.gov:8443/webgeocalc/#NewCalculation>
 - The lesson kernels appear at the bottom of the “Kernel Selection”, prefaced with the string “SPICE Class –”
- **This lesson provides instructions on using WGC to do many steps from the following hands-on programming lessons**
 - CASSINI, ExoMars TGO, KPLO, and BepiColombo MPO Remote Sensing
 - CASSINI and BepiColombo MPO In-situ Sensing
 - Mars Express, ExoMars TGO, KPLO, and BepiColombo MPO Event Finding
 - Binary CK