

Main differences between V1.3.1 and V2.0

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PATRIUS and GENIUS upgrade

Now, **GENOPUS** is linked with a more recent [PATRIUS](#) version (V4.1.1). This update permits to get less "Custom" classes (see [here](#)) as these ones have been deployed directly in [PATRIUS](#). **GENOPUS** uses also the last [GENIUS](#) version (V1.8)

Saving the Orbit data displayed

It is now possible to save the way the orbit data have been displayed via the [GPOrbit](#) widget independently of the "Pivot" (i.e. the way the orbit data have been saved in memory).

TLE entry

Always for the [GPOrbit](#) widget, it is now possible to enter directly **TLE** data. These data will be automatically converted in osculating parameters.

By default values

In the [GPSunPointingAttitudeLaw](#) widget the by default axis are now **+I** and **+J** (rather than **+I** and **+I** in the previous version).

Ground Station widget

A specific [GPGroundStation](#) widget for defining ground station data has been created. This widget is also used in the [GPVisibilityFromStationDetector](#) widget

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