

Main differences between V11.2 and V11.3

De Wiki

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Upgrade of PATRIUS, GENIUS and GENOPUS versions

This **PSIMU** version is now linked with [PATRIUS V4.1.1](#), [GENIUS V1.8](#) and [GENOPUS V2.0.1](#)

Warning messages when saving result files

When using [Save Results](#) possibility, if files already exist, a pop up window appears with a warning message asking for overwriting them or not.

New output variables

This version owns new output variables with:

- solar radiation pressure acceleration (components and norm);
- thrust acceleration (components and norm);
- thrust value;
- mean Lyddane orbital elements
- percentage of the satellite and solar panels illuminated surface.

New Ground station management

Thanks to the new specific [GENOPUS](#) widget, it is easier to deal with ground stations list.

Ground track plot

In addition to the [plots](#) already available, a specific panel allows to plot directly the ground track with computed orbital events.

Anomaly corrections

- Reset of secondary plots: after propagating a new trajectory, all [Output plots](#) plots are reset, even secondary windows if they exist ("+" button on the right side of the panel).

- SQLite file closing: correction of the previous anomaly as the **SQLite** file was not correctly closed.
- SQLite bug with LINUX: previously, with some **LINUX** configuration (mainly when you have no full rights on /tmp directory), there was a problem when writing **SQLite** file. It is now fully corrected.
- Bad line for output files: the **ASCII** output files (ephemeris and/or event files) had a specific line that made these files incompatible with the **GENIUS** GPlotpanel widget. This line does not exist anymore.
- Bug correction for AOL events in retropolation: thanks to the new **GENOPUS** version (V2.0.1), this bug is now corrected.
- Right drag deceleration computation for some attitude configurations when the vehicle is a cylinder one.

Récupérée de

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