

# Main differences between V11.2 and V11.3

De Psimu

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La version imprimable n'est plus prise en charge et peut comporter des erreurs de génération.  
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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 retropolaration: 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

« [http://psimu.cnes.fr/index.php?title=Main\\_differences\\_between\\_V11.2\\_and\\_V11.3&oldid=537](http://psimu.cnes.fr/index.php?title=Main_differences_between_V11.2_and_V11.3&oldid=537) »

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