

# Main differences between V2.1.1 and V2.2

De Wiki

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[Main differences between V2.1.1 and V2.2](#)

This version is essentially due to an update of the lower level libraries [GENIUS](#) V1.10.1 and [PATRIUS](#) V4.6.

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## New reset option in the Copy/Paste menu

Thanks to the new [GENIUS](#) version, there is now a new possibility in the **Copy/Paste/...** menu with the **"Reset"** option that allows to set data to their default values.

## Adding Copy/Paste/... for GPIntegrator widget

The menu **Copy/Paste/...** is now available for [GPIntegrator](#) widget.

## GPOrbit and GPFramesConfiguration consistency

Thanks to the [GENIUS](#) Observer/Observable interfaces, it is now possible to manage consistency between [GPOrbit](#) and [GPFramesConfiguration](#) widgets.

## GPAttitudeSequence default laws initialization

It is now possible to better customize the default attitude laws used inside the [GPAttitudeSequence](#) widget.

## Anomaly corrections

- There were some problems with the fact that, since V2.0, **GENOPUS** is able to store in a context file, both **"Pivot"** and **"Display"** data for orbital conditions using the [GPOrbit](#) class. Indeed:
  - if **"Pivot"** and **"Display"** frames were not the same, **GENOPUS** considered orbital parameters coming from the **"Pivot"** data and frame characteristics from the **"Display"** ones which was of course totally wrong.
  - if the user modified the context file not through a **GENIUS/GENOPUS GUI**, it had to modify both **"Pivot"** and **"Display"** data in order to keep consistency between both data.
- Always using the [GPOrbit](#) class, when modifying constants (for example  $\mu$ ) of initial orbital conditions (even only the units), a conversion was done which was useless.

- Wrong management of the [GENIUS](#) Observer/Observable interfaces in some widgets.

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