

# Main differences between V1.8 and V1.9

De Wiki

Aller à : [navigation](#), [rechercher](#)

[Main differences between V1.8 and V1.9](#)

Some interesting evolutions and corrections have been implemented in this version. No incompatibilities has been identified versus V1.8 source code .

## Sommaire

- [1 New GList and GListSelect widgets](#)
- [2 Finding and reading multiple data](#)
- [3 New GTree widget](#)
- [4 GplotPanel improvements](#)
  - [4.1 Symbol choice in GPlotPanel widget](#)
  - [4.2 Calendar date format in GPlotPanel widget](#)
  - [4.3 Possibility to plot several files in GPlotPanel widget](#)
  - [4.4 Availability of a tool based on GPlotPanel widget](#)
- [5 New units](#)
- [6 Indication when loading a configuration](#)
- [7 Better file suffix management for the GSaveResults widget](#)
- [8 Minor improvements for GComponentList widget](#)
- [9 Anomaly corrections](#)

## New GList and GListSelect widgets

[GList](#) and [GListWithLabel](#) widget has been added allowing to display a list of strings (a bit like [GComboBox](#)) but allowing selecting several elements.

Moreover, a higher level [GListSelect](#) widget is also available allowing selecting elements of a list to copy/move them in another one.

## Finding and reading multiple data

**GENIUS** already owns static methods from class [GFileManipulation](#) allowing reading or writing data. Nevertheless, these methods only work at a single level of the data structures and do not include multiple search.

Now, it is possible to search inside a **XML** file (or a **GENIUS** data structure) one or several data "sub-structures" using mainly the [GMultipleStructureChoice](#) class as explained [here](#).

A typical application of such a functionality is to get some data from a "A" application to get it in a "B" application.

## New GTree widget

as it is used by the [GMultipleStructureChoice](#) class, a new [GTree](#) widget is now available.

## GplotPanel improvements

### Symbol choice in GPlotPanel widget

It is now possible to select which symbol will be used for a plot (line for a continuous draw or symbols as circle, square ... for dotted lines).

### Calendar date format in GPlotPanel widget

Dates are no more displayed in Julian days but in a calendar format.

### Possibility to plot several files in GPlotPanel widget

Since this version, [GPlotPanel](#) allows taking into account several files for plots.

- the by default mode is still considering only one file.
- if we need several files, the first one is considered as the "reference" one.
- other files will be taken into account only if they include variables existing in the "reference" file (as read in the file header).
- user could decide to plot directly the values contained in the files or to plot relative values thanks to the "reference" file.

### Availability of a tool based on GPlotPanel widget

The [GPlotPanel](#) widget is quite complex and powerful, allowing manipulations after reading text or [SQLite](#) files. Nevertheless, the only way to use it up to now was to develop a [Java](#) code or to call a higher level tool that uses it (as [PSIMU](#)).

That is why, a compiled tool with its own [GUI](#) is available with this version.

## New units

In previous versions, the unit symbol for a day was "**j**" (*jour* in French ...). Now, it is also available as "**d**". Moreover, two other units are available with "**mo**" for month (or *mois* in French ...) and "**y**" for a year (or "**a**" for *année* in French). Conversions are the following ones:

- 1 year = 365.25 days
- 12 months = 1 year
- 1 day = 86400 s

## Indication when loading a configuration

Some configurations may be very long to be loaded because of the amount of data. In such a case, an indicator (a turning wheel) will show that the application is still running.

## Better file suffix management for the GSaveResults widget

In previous versions, it was not possible to manage different suffixes for any kind of results files. Now, it is the case, using an additional [API](#) for the [addSingleResultFile\(\)](#) method.

## Minor improvements for GComponentList widget

- adding the [add\(final int rank, final GComponent item\)](#) method to add a component to the list.
- adding the [remove\(final int rank\)](#) method to remove an element in the list.
- adding the [setCurrentItemRank\(final int rank\)](#) method to select the current element.

## Anomaly corrections

- Correction of the management of additional panels for the [GPlotPanel](#) widget.

Récupérée de

« [http://genius.cnes.fr/index.php?title=Main\\_differences\\_between\\_V1.8\\_and\\_V1.9&oldid=752](http://genius.cnes.fr/index.php?title=Main_differences_between_V1.8_and_V1.9&oldid=752) »

## Menu de navigation

### Outils personnels

- [18.223.125.219](#)
- [Discussion avec cette adresse IP](#)
- [Créer un compte](#)
- [Se connecter](#)

### Espaces de noms

- [Page](#)
- [Discussion](#)

### Variantes

### Affichages

- [Lire](#)
- [Voir le texte source](#)
- [Historique](#)
- [Exporter en PDF](#)

### Plus

## Rechercher

## GENIUS

- [Welcome](#)
- [Quick Start](#)
- [News](#)

### Basic principles

- [GFrame and GPanel](#)
- [Main widgets](#)
- [Links with Swing](#)
- [GLayout](#)
- [Conditional Display](#)
- [GListener interface](#)

### More deeper in the concept

- [Units management](#)
- [GContainer](#)
- [GReadWrite interface and data files management](#)
- [Modified data](#)
- [Process management](#)

### Still more ...

- [Validity controls](#)
- [Menu bar](#)
- [Icons](#)
- [GClear interface](#)

### Still more again ...

- [Tooltips](#)
- [Shortcuts](#)
- [Copy & paste](#)
- [Plots](#)
- [Results File Management](#)
- [GPlotPanel](#)
- [GGroundPlotPanel](#)
- [Internationalization](#)

- [Log file](#)
- [Update data](#)

## **Some other widgets**

- [GTabbedPane](#)
- [GTable1D](#)
- [GTable2D](#)
- [GComponentList](#)
- [GDialog and GDetachedPanel](#)
- [GContextFileManagement](#)
- [How to build a standard application](#)
- [GPanTest](#)
- [Create your own widget](#)

## **Evolutions**

- [Main differences between V1.11.4 and V1.12.1](#)
- [Main differences between V1.10.1 and V1.11.4](#)
- [Main differences between V1.10 and V1.10.1](#)
- [Main differences between V1.9.1 and V1.10](#)
- [Main differences between V1.9 and V1.9.1](#)
- [Main differences between V1.8 and V1.9](#)
- [Main differences between V1.7 and V1.8](#)
- [Main differences between V1.6.2 and V1.7](#)
- [Main differences between V1.6.1 and V1.6.2](#)
- [Main differences between V1.6 and V1.6.1](#)
- [Main differences between V1.5 and V1.6](#)
- [Main differences between V1.4.1 and V1.5](#)
- [Main differences between V1.3 and V1.4.1](#)

## **Training**

- [Training slides](#)
- [Tutorials package for V1.12.1](#)
- [Tutorials package for V1.11.4](#)
- [Tutorials package for V1.10.1](#)
- [Tutorials package for V1.9.1](#)
- [Training & tutorials package for V1.8](#)
- [Training & tutorials package for V1.7](#)
- [Training & tutorials package for V1.6](#)

## **Links**

- [CNES freeware server](#)

## Outils

- [Pages liées](#)
  - [Suivi des pages liées](#)
  - [Pages spéciales](#)
  - [Adresse de cette version](#)
  - [Information sur la page](#)
  - [Citer cette page](#)
- Dernière modification de cette page le 23 août 2019 à 09:00.
- [Politique de confidentialité](#)
  - [À propos de Wiki](#)
  - [Avertissements](#)

