

# Modified data

De Wiki

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

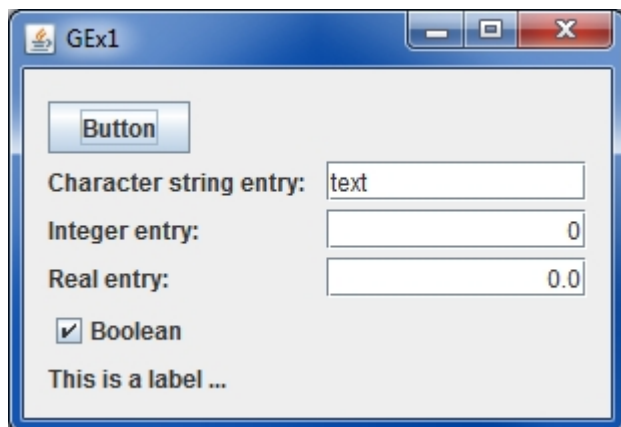
Sometimes, a "\*" character appears just after a label of an entry data widget. In fact, it occurs when the data has been modified by user by comparison to a "saved" value. More precisely, this "saved" value corresponds:

- either to the default value at the first display (the one used at the instantiation),
- or to the data loaded (resp. saved) when reading (resp. writing) a file => after reading (resp. writing) a file, the "\*" character disappears

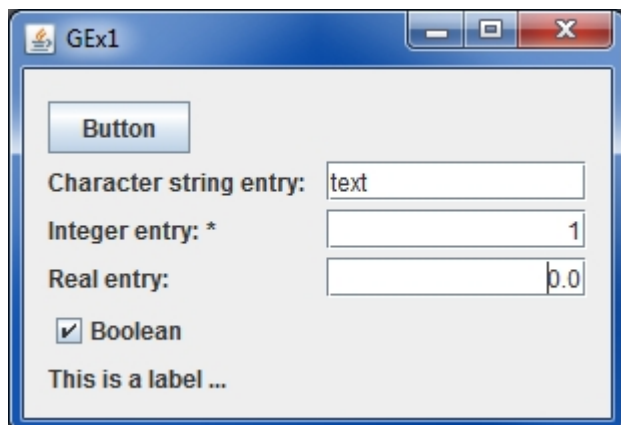
When a unit is changed, as the data is not actually changed because the value stored in memory is not changed and no "\*" character appears.

Idem, if the user enter a "new" value which, in fact, corresponds to the "saved" value, the "\*" character will disappear :

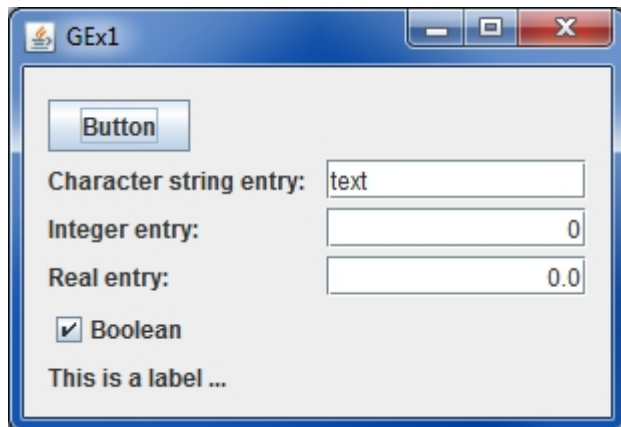
For example, imagine that the initial value of an integer is 0.



Then, if the user will enter "1" as a new value => "\*" character appears



At last, if the same user will reenter "0", the "\*" character will disappear



It is possible to manage locally this mechanism using the following methods:

- [setDisplayIsModifiedIndicator\(DisplayIndicatorStatus\)](#), the status being « Automatic », « Always » or « Never »
- [setSavedValue\(\)](#) to change manually the saved value => if the saved value is the same as the current displayed one, the "\*" character will disappear

## Management with read/write and copy/paste functions

The "\*" character could also appeared (or not) after reading or writing a configuration file (see [GReadWrite interface and data files management](#) topic). It is managed by using a flag set to true or false :

- when calling [GFileManipulation.readConfig\(\)](#) method, if the flag is set to false, an "\*" will appear (of course, if the read value is different of the previous one)
- on the contrary, by using the [GFileManipulation.writeConfig\(\)](#) method, if the flag is set to true, the "\*" will disappear after writing the configuration file (considering the reference configuration is then the one described in the file).

But of course, you may decide another way to run ...

[Return to the introduction](#) ↑ [Go to the next page](#) →

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## Menu de navigation

### Outils personnels

- [18.220.1.239](#)
- [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 5 mai 2017 à 09:32.
- [Politique de confidentialité](#)
- [À propos de Wiki](#)
- [Avertissements](#)

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