

**savgui**

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**REVISION HISTORY**

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# Chapter 1

## savgui

### 1.1 Welcome to SavGUI

About

General

Classes

### 1.2 About SavGUI

SavGUI is (C) copyright by Jens Tröger.

SavGUI is Freeware

### 1.3 General rules

BOOPSI extension

Since SavGUI is a flexible extension of intuition`s BOOPSI classes, it offers very large flexibility and hides most problems with placing and font-adapting system gadgets. Thus, you have to respect these rules:

- do not use other gadget attributes than SavGUI attributes and those system attributes:

GA\_ID

GA\_UserData

GA\_Disabled

(some GACT\_?? related tags, see below)

- by default, every instance has the GACT\_RELVERIFY bit set

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## 1.4 The CLASS hierarchy

BOOPSI GadgetClass

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└- **RootGClass** abstract

├- DeafGClass abstract

├- HSeperatorGClass

├- VSeperatorGClass

├- GlueGClass

├- StrutGClass

├- LabelGClass

├- GaugeGClass

├- TextviewGClass

├- ImageviewGClass

├- ButtonGClass abstract

├- TextButtonGClass

├- ImageButtonGClass

├- MXImageButtonGClass

├- CheckImageButtonGClass

└- FrameGroupGClass abstract

├- HGroupGClass

├- VGroupGClass

├- SocketGClass

├- VirtualGClass

└- PageGroupGClass

## 1.5 RootGClass

RootGClass (abstract)

This is the base class of SavGUI. It is meant to be "abstract", so you must not create instances of this class. Instantiate the non-abstract subclasses instead and, thus, implement the new methods!

Superclass

BOOPSI GadgetClass

Subclasses

ButtonGClass

DeafGClass

GroupGClass

New Methods

SAVGUIM\_Root\_Calculate

SAVGUIM\_Root\_Relayout

New Attributes

SAVGUIA\_Root\_GadgetWindow

SAVGUIA\_Root\_NeedRefresh

SAVGUIA\_Root\_Node

SAVGUIA\_Root\_MaxHeight

SAVGUIA\_Root\_MaxWidth

SAVGUIA\_Root\_MinHeight

SAVGUIA\_Root\_MinWidth

SAVGUIA\_Root\_MWBPens

SAVGUIA\_Root\_Node

SAVGUIA\_Root\_ParentGroup

SAVGUIA\_Root\_Resized

SAVGUIA\_Root\_Visible