

# History of changes

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## 1. Version 1.1.0 - Sep 16, 2005

### 1.1. New features

- Genuine now supports both components of which only a single instance is created and components of which multiple instance may be created. You may change this behavior in a module configuration by switching the new attribute `instances` to either "single" or "multiple". Single instance components are created and initialized at application start up as before, multiple instance components are created on demand when `ComponentManager.showComponent` is called. This feature has caused several incompatible API changes. Most notably, all visual components now receive an `instanceId` attribute. Changes were made to the following interfaces and classes:
  - `Module`: Changed `getComponent(componentId)` to `createVisualComponent(componentId, instanceId)`. In all modules, visual components now have to be created by the method `createVisualComponent`.
  - `AbstractModule`: Removed `registerComponent` and default implementation of `getComponent`
  - `ComponentManager`: Added `instanceId` attribute to most methods
  - `ComponentListener`: Added `instanceId` attribute to all methods
  - `ComponentAdapter`: Added `instanceId` attribute to all methods
  - `VisualComponent`: New method `getInstanceId()`
  - `AbstractComponent`: Changed constructor to take `instanceId` attribute. All components that inherit from this class have to pass the instance identifier received in `Module.createVisualComponent` to the super constructor.
- Infrastructure for handling user preferences has been added. Now there is a preferences module that may be used and initialized by an application. This module provides a preferences dialog into which an arbitrary number of preferences pages may be embedded. Genuine provides a preferences page of its own for preferences regarding the application appearance.
- The helper service now contains a couple of methods to show a message box, i.e. open a modal dialog that presents a message to the user. A message box has a title, an icon, a message text, and a configurable number of buttons. Every message is configured by a resource item.
- The properties for modules may now contain both property values and property sets. A property set has a property key and a set of values. See the documentation of `Module.initialize(String, ModuleManager, Map)`.
- The `MessageVetoException` may take a `ResourceItem` object as parameter that contains explanatory text for the user.

### 1.2. Improvements

- Internal frames that are shown for the first time are positioned on the desktop in cascades so that they have different locations.
- New attribute "maximized" for `size` element: When an application starts, the application frame may initially span over the whole desktop.
- If an internal frame has been iconified and the embedded graphical component needs to be shown, the frame is restored.
- Added an example for the usage of an individual exit service to the example application.
- Organizer class got a main method to start an application without an application specific main class.

### **1.3. Fixes**

- None

### **1.4. Documentation**

- For HTML documentation and web site creation, Forrest (<http://forest.apache.org>) is now used.
- The first topics of a user guide are now available.

## **2. Version 1.0.0 - Jan 02, 2005**

First public release