

# History of changes

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## 1. Release 0.8.1

**December 31, 2011**

New release introduces several improvements including:

- Support of application modes
- Support of component exchange among SOFA nodes
- Modeling SOFA systems with help of UML
- Improvements of SOFA IDE
- Extensive bug fixes

## 2. Release 0.8.0

**February 10, 2011**

New release brings several major improvements including:

- General refactoring and partitioning of the codebase, introduction of platform-specific profiles
- SOFA HI profile for C programming language supporting real-time requirements
- SOFA for Java ME profile enabling deployment of SOFA 2 applications on Java ME platform
- Dynamic SOFA extension introducing dynamic language support into the Java SOFA profile and enabling rapid prototyping of SOFA applications (sing component aspects)
- Extensive bug fixes
- Several new examples including examples for each profile and extension

## 3. Release 0.7.0

**November 26, 2009**

The release includes major improvements covering all parts of SOFA 2 component system. More detailed description of changes can be found in the presentation and in Section Documentation.

SOFA 2 core:

- Entity deletion and cloning/merging support
- Repository locking support
- Microarchitecture and aspect support
- Autoconfiguration support
- Improved runtime component support (properties, self-shutting, etc.)
- General refactoring and bug fixing
- Documentation improved - see Section Documentation

Cushion:

- Completely refactored and made more user-friendly
- Based entirely on top of new SOFA 2 Tools API
- Full support of versions tags
- Support for microarchitecture and aspects added

SOFA IDE:

- Complete SOFA 2 development process support inside Eclipse IDE
- Extension points and API for building new Eclipse plugins with access to SOFA 2 infrastructure
- Entity versioning and repository access through SOFA 2 Team Provider implementation

MConsole:

- Support for runtime environment management and application launching
- Support for the autoconfigured environment
- SOFA 2 launch configuration implementation
- Runtime environment visualisation

## 4. Release 0.6.1

**March 31, 2009**

New features and updates:

- user-defined tags support
- cushion API refactored
- minor bug fixes

Tags support allows users to mark repository elements with user-defined tags. The tags can be further used in SOFA tools (cushion, SOFA IDE, MConsole) for referencing repository elements instead of specifying an exact version. For more information see documentation.

## 5. Release 0.6.0

**February 28, 2009**

New features and updates:

- annotation support
- SOFA2 runtime refactored
- dynamic update support
- cushion API refactored

New examples:

- OSGi support example

## 6. Release 0.5.0

## **October 27, 2008**

New features:

- OSGi integration
- Standalone code bundles support
- Messaging & streaming communication styles support

New examples:

- Messaging & streaming style support examples

Several bugfixes of:

- Connector generator
- Build system
- Behavior protocols definition
- Classloading
- Logging

## **7. Release 0.4.1**

### **March 20, 2008**

Fix of a critical bug in the life cycle microcomponent.

## **8. Release 0.4.0**

### **March 12, 2008**

Added capabilities of deployment docks.

Enhanced version of the behavior protocol checkers included.

SOFA 2 management console updated.

Several bugfixes.

## **9. Release 0.3.0**

### **December 17, 2007**

Behavior protocol checkers included (see documentation).

SOFA 2 management console added (see documentation).

Several bugfixes.

## **10. Release 0.2.2**

### **September 12, 2007**

Several bugfixes. New example included.

## **11. Release 0.2.1**

**August 9, 2007**

Several bugfixes.

## **12. Release 0.2**

**June 1, 2007**

First public release of SOFA 2 and Cushion.