# SOFA 2 Management Console

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1. Overview

SOFA 2 Management Console is a GUI tool for managing SOFA 2 runtime environment. It allows starting, stopping and monitoring applications, browsing content of the SOFA repository and also monitoring running deployment docks.

2. Installation/Start of Management Console

SOFA 2 Management console is based on the Eclipse RCP platform. It is distributed as a zip file, which contains binaries required for application run on selected platform (UNIX based, WIN32). The application can be launched by executing binary `mconsole`. When the management console is started for the first time, introduction screen is shown:

3. GUI overview

The application provides three views - SOFA 2 Repository View, SOFA 2 Runtime View and Console View:

- SOFA 2 Repository View shows a tree including deployment plans stored in the
SOFA repository, a list of running applications and a list of accessible deployment docks.

- **SOFA 2 Runtime View** shows running deployment docks with deployed applications in accordance to a selected item in **SOFA 2 Repository View**.
- All important messages are shown in the **Console View**.

### 4. Starting/Stopping applications

The management console allows launching applications using a selected deployment plan. In the SOFA 2 Repository View, a list of deployment plans stored in SOFA repository is located under the node **repository**. By selecting a deployment plan a simple figure of deployment docks referenced by the plan and connections among the nodes is shown in the **SOFA 2 Runtime View**. The selected deployment plan can be launched by click on the icon in the action bar of **Repository View**.

Launched applications of given deployment plan are shown as sub-nodes of the plan. Clicking on the application shows in **SOFA 2 Runtime View** a structure of the application - docks, where application is running (they are marked by the icon of a computer with a spot), and connections among them representing connection among components.