

Medexter Healthcare

ARDENSUITE EXTENSION FOR ACTIVITI

Installation Guide

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Summary

The aim of this installation guide is to show how to install an **ARDENSUITE** Extension for Activiti Business Process Model and Notation (BPMN) 2.0 Platform. This extension will enable Activiti BPMN service tasks to execute Arden Syntax Medical Logic Modules (MLMs) on using an ARDENSUITE.

Document Information

Target Audience

This installation guide was created for Activiti users and administrators interested in enabling Activiti BPMN workflows to use MLMs deployed on an ARDENSUITE Server.

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Requirements

The ARDENSUITE Extension for Activiti requires you to install the following software:

- Java Development Kit Version 6+
- Activiti BPMN 2.0 Platform
- Apache Tomcat Web Server 7+

Java Development Kit

In case you do not have Java installed on your computer, please download it from [here](#) and follow the installation steps. If you want to use the terminal version of the extension, please make sure that JAVA_HOME is set in your environmental variables. Please follow [these](#) instructions on how to do so.

Activiti BPMN 2.0 Platform

The Activiti framework is a Java-based web application, which allows the deployment of BPMN-based processes. To install Activiti, please follow the steps described [here](#).

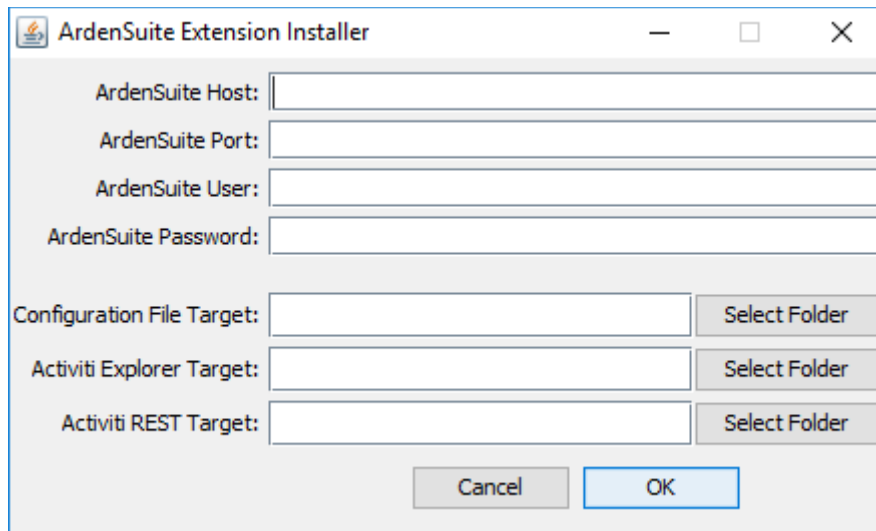
Apache Tomcat Web Server

In case you do not have Apache Tomcat installed on your computer, please download it from [here](#) and follow the installation steps. The [Activiti User Guide](#) recommends using a Tomcat server. During installation, the ARDENSUITE Extension installer will create a property file in the designated Tomcat folder, which allows Activiti to use REST- or SOAP-based calls to communicate with the ARDENSUITE Server.

Installation

GUI Launcher

In case you want to use the embedded GUI launcher, please double-click on [ArdenSuiteExtensionInstaller.jar](#). The window displayed below will open:



If you start the GUI for the first time, all fields are empty. In order to allow Activiti to connect with the ARDENSUITE Server, enter the following information:

- **ArdenSuite Host:** The actual host of your ARDENSUITE Server (e.g. `192.168.100.145`, `localhost`).
- **ArdenSuite Port:** The actual port of your ARDENSUITE Server (e.g. `8282`).
- **ArdenSuite User:** Your ARDENSUITE Server account username for authentication.
- **ArdenSuite Password:** The corresponding ARDENSUITE Server account password for authentication.
- **Configuration File Target:** The `/conf` folder location of your Tomcat installation.
- **Activiti Explorer Target:** The absolute path of the `Activiti-explorer/WEB-INF/lib` folder of your Tomcat installation.
- **Activiti REST Target:** The absolute path of the `Activiti-rest/WEB-INF/lib` folder of your Tomcat installation.

After clicking the OK button, the installer will create a property file named `ASE_cfg.properties` in the corresponding Tomcat `/conf` folder, which contains all entered information. It also creates copies of the ARDENSUITE Extension java library in both the Activiti Explorer target folder and the Activiti REST target folder. When launching the installer again, every field except the password field will be automatically filled with your stored settings.

Installer Terminal launcher

If you want to use the ARDENSUITE Extension installer from a terminal, please navigate to its location and enter the following information as command line parameters:

```
java -jar ArdenSuiteExtensionInstaller.jar <host> <port> <user>  
<tomcat_conf_path> <activiti-explorer_WEB-INF_lib_path> <activiti-
```

```
rest_WEB_INF_lib_path>
```

Please make sure that you enter the parameters in the correct order. The password will be requested after the invocation of the installer with the supplied parameters.