

ARM Instrumentation Framework for JBoss and Tomcat

• Introduction

The JBoss ARM-Instrumentation Framework of Distributed Systems Lab is a very effective way of measuring the performance of Servlet- and EJB-applications or parts thereof, since there is no need to change an application's source code and the granularity of the performance instrumentation can be configured at runtime. The instrumentation framework intercepts invocations in the underlying middleware components and therefore is able to consistently monitor all applications deployed to the instrumented middleware component.

Contributors

The ARM Instrumentation Framework for the JBoss Application Server and the Tomcat Web Container was jointly developed by the <http://wwwvs.informatik.fh-wiesbaden.de>

of

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and

<http://www.tang-it.com>

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In RheinMain University of Applied Sciences the following persons were involved in realising the initial release of the framework:

- Thomas Termin [[../mitarbeiter/details/t_termin.html](http://wwwvs.informatik.fh-wiesbaden.de/..../mitarbeiter/details/t_termin.html)]
Design and implementation of the JBoss instrumentation
- **Waldemar Echler** and **Andreas Pelzer**
Design and implementation of the Tomcat instrumentation

Documentation

Release 1.0, May 2007

- Getting Started Guide [pdf]
[../downloads/extern/oss/jboss-arm/Quickstart.pdf](http://wwwvs.informatik.fh-wiesbaden.de/..../downloads/extern/oss/jboss-arm/Quickstart.pdf)

Download

The following downloads require an ARM implementation and a functional Apache Tomcat or JBoss AS to work as expected.

The instrumentation framework is distributed under the

<http://www.apache.org/licenses/LICENSE-2.0>

The software therefore is downloadable on an "as is" basis, without warranties or conditions of any kind. Please see the license text for further details.

Release 1.0, May 2007

- Instrumentation Framework [tgz]
[\[../downloads/extern/oss/jboss-arm/jb-tomcat-fw.tgz\]](#)

Related Downloads / Prerequisites

ARM implementations

- <http://www.opengroup.org/tech/management/arm/>
- <http://arm.tang-it.com/>

Apache Tomcat

- <http://tomcat.apache.org/download-55.cgi>

JBoss Application Server

- <http://labs.jboss.com/portal/jbossas/download>

Java Petstore Sample Application

- Petstore application for EJB3 [tgz]
[\[../downloads/extern/oss/jboss-arm/petstore.tgz\]](#)

Contact

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