
Installation of Karma, the CMS Container on MMBase

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Revision [0.1]	Revision History [2005-12-20] [Newly created]	[HH]
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Abstract

This document describes how to build and install Karma, the CMS Container on MMBase.

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Introduction

This document describes how to install Karma, the CMS Container on MMBase. Note this document is all but finished, so if you have comments please send them to hangyi@xs4all.nl.

Software

Java 1.5 (of 1.4) Maven 1.0.2 Tomcat 5.5 Mysql 4 MMbase HEAD Pluto 1.0.1-rc4

Environment settings

Below you find an example of the build settings:

- BUILD_OPTS= JAVA_HOME=c:\java\1.5.0_03
- JAVA_OPTS=-Xmx256M -Dfile.encoding=utf-8
- JPDA_ADDRESS=8000
- JPDA_TRANSPORT=dt_socket
- MAVEN_HOME=C:\java\maven-1.0.2
- MAVEN_HOME_LOCAL=c:\projects\.maven

- Path=%PATH%;C:\java\maven-1.0.2\bin
- TOMCAT_HOME=C:\servers\tomcat-5.5.9
- CATALINA_HOME=C:\servers\tomcat-5.5.9

How to build

Before Karma can be build you need all the Maven files from the head of MMBase. The MMBase CVS can be found at (the password is "guest". Don't forget to cvs logout when you are done):

psrver:guest@cvs.mmbase.org:/var/cvs

Checking out the ALL module and then "maven multiproject:install" should work.

After that you can use the batch files in the cmsc/scripts directory. If the building does not work because of missing dependencies, please contact Nico and he will send them to you.

Karma uses a J2EE datasource for the connections of MMBase. You have to copy a number of jars to the directory <TOMCAT_HOME>/common/lib.

- commons-collections-3.1.jar
- commons-dbcp-1.2.1.jar
- commons-pool-1.2.jar
- hsqldb-1.7.3.0.jar
- mysql-connector-java-3.1.10-bin.jar

In the cmsc/tomcat directory there is a xml file, which you have to copy to <TOMCAT_HOME>/conf/Catalina/localhost. This is the file with the database settings.

Karma is alive!

You can view Karma by using the following urls.

<http://localhost:8080/cmsc/editors/> <http://localhost:8080/cmsc/portal/<site-path>/<nav-path>>