

Installation of Terminology Server

Aus Termserver-CTS2

The following steps describes the installation and configuration of the Terminolgy Server with its components.

Requirements:

- installed and configured Ubuntu LTS
- root or sudo access to the server

Inhaltsverzeichnis

- 1 Database
- 2 Tomcat
- 3 Configuration files
 - 3.1 TermServer
 - 3.2 TermBrowser
 - 3.3 TermAdmin
 - 3.4 Collaboration software
- 4 Deployment
- 5 Configuration
 - 5.1 Mail configuration
 - 5.2 Status codes
- 6 First start

Database

Please install the latest MySQL version as usual. Please follow the installation instructions from <http://www.mysql.com/>

Install the following database scripts:

- db/dump/TermServer_V2-0.sql (required - Terminology Server database)

Note: This script creates a database named web5db2 automatically. The script needs to create trigger, please ensure that the user has the appropriate rights.

If you have problems regarding triggers please remove them from the script and insert them manually. Triggers must be installed for correct usage!

Tomcat

Please install the latest version of the Apache Tomcat server from <http://tomcat.apache.org/>

For a stable service you have to adjust the memory size of java used in tomcat. Please find and edit the file catalina.sh. Add the following line or edit if it already exists. Please find appropriate values for Xms, Xmx and MaxPermSize according to your server hardware. These values do the work for us:

```
JAVA_OPTS="-Dfile.encoding=UTF-8 -server -Xms128M -Xmx1024M -XX:MaxF
```

You need to restart tomcat for the changes to take effect.

Configuration files

Create configuration files for modules you want to install. All files have to be located in your tomcat/conf/ folder. See the following links for more information.

Sample files are available in the path /conf/termserver from the source code repository.

TermServer

- termserver.hibernate.cfg.xml
- termserver.log4j.cfg.xml
- termserver.properties

TermBrowser

- termbrowser.log4j.cfg.xml
- termbrowser.properties

TermAdmin

- termserver.hibernate.cfg.xml
- termadmin.log4j.cfg.xml
- termadmin.properties

Collaboration software

not yet available

Deployment

Deploy the following content (war files) to your tomcat environment:

- TermServer.war (required)
- TermBrowser.war (optional, require TermServer.war)
- TermAdmin.war (optional, require TermServer.war)

Configuration

Mail configuration

Configure your mail server either in TermAdmin (if installed) or directly in the database.

TermAdmin

Goto tab "System-Parameter". Edit all values starting with "mail_" according to your mail account.

- mail_host: hostname of the mailing server
- mail_name: display name of sender
- mail_password: password of your mail account
- mail_port: port of your mail account
- mail_sender: mail address of the sender
- mail_user: user of your mail account

Database

Edit all values starting with "mail_" in the table "sys_param" according to your mail account.

Status codes

If you change status codes in a domain you have to restart the TermBrowser due to cached values.

First start

Please ensure that all services are started (MySQL, Tomcat, Java).

There are 2 default users configured:

- admin (Password: test#1234)
- user (Password: test)

Please change passwords in a real environment.

Von „http://www.wiki.mi.fh-dortmund.de/cts2/index.php?title=Installation_of_Terminology_Server“

- Diese Seite wurde zuletzt am 7. Oktober 2014 um 09:07 Uhr geändert.
- Diese Seite wurde bisher 139-mal abgerufen.