

# Funambol DS Server installation guide for the GroupDAV Connector

## 1 Prerequisites

This article discusses installing the Funambol Device Sync server and the GroupDAV connector module, over a Tomcat 5 application server install. A level of knowledge with a Unix-like OS is assumed.

### 1.0.1 Useful outside documentation

- Funambol provides a set of documentation for all aspects of the DS server, which may be downloaded at <http://www.funambol.com/opensource/documentation/documents.html>
- Several install guides are available at the <http://docs.opengroupware.org/search?SearchableText=F>

### 1.0.2 Required files

- Tomcat 5.0 (*not* 5.5) <http://tomcat.apache.org/download-55.cgi#5.0.30-beta>
- HSQLDB database - in particular hsqldb.jar <http://sourceforge.net/project/showfiles.php?group>
- Funambol DS Server 5.0.10 archive [http://www.funambol.com/opensource/download\\_form.html?file](http://www.funambol.com/opensource/download_form.html?file)
- From the download directory for the connector version <http://comalies.citadel.org/~matt/funambol>  
<http://latest.bionicmessage.net>
  - GroupDAV Funambol s4j (groupdav-1.x.xxxx.s4j)
  - JGroupDAV.jar
  - gdav\_libs.tar.bz2
- Funambol Administration Tool 3.0.9 [http://www.funambol.com/opensource/download\\_form.html?file](http://www.funambol.com/opensource/download_form.html?file)
- And *most importantly* of all, you will need a Java 5 Development Kit, obtainable from <http://java.sun.com> for most platforms. IBM's developer kits also work.

## 2 Tomcat 5.0

Tomcat 5 does not need any installation, merely untarring.

- `tar -zxvf jakarta-tomcat-5.0.30.tar.gz`
- Take note of the location you install Tomcat to.

## 3 HSQLDB

HSQLDB is the database this tutorial will be using for Funambol, however, if you wish to use another database, follow the instructions in Funambol's literature

- Create a directory on your system. HSQLDB is in `<hsql.zip>/lib/hsql.jar`. Copy the jar into this directory.
- Then, fire up your favorite text editor and create a script:
- `/bin/sh java -classpath hsql.jar org.hsql.Server -database.0 fnbl -dbname.0 fnbl`
- Save it and make the file executable. Next, run the script to start HSQLDB. (you may want to execute it in screen or create an init script)

## 4 Funambol DS Server