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How to install a new servlet in a Frontier server

This page contains instructions on how to install a new servlet in a Frontier server that is already running.

Installation

- Download the latest frontier servlet war file from <http://edge.fnal.gov:8888/frontier/>
- Connect as root to the frontier node where you want to install the new servlet
- Assuming tomcat is installed under /usr/share/tomcat5, copy the war file to /usr/share/tomcat5/webapps
 - ◆ If tomcat is running, it will automatically unpack the war file and try to put it online
 - ◆ If the war file is not unpacked, unpack it manually: `mkdir Frontier_3.4; cp Frontier_3.4.war Frontier_3.4; cd Frontier_3.4; jar xvf Frontier_3.4.war`
- Remove the war file
- Rename the created folder to the name of the new servlet (e.g. intr): `mv Frontier_3.4/ intr`

Configuration:

- Files:
 - ◆ \$TOMCAT_DIR/webapps//WEB-INF/web.xml
 - ◆ \$TOMCAT_DIR/conf/Catalina/localhost/.xml (needs to be created)
- web.xml
 - ◆ In <servlet-mapping> change <url-pattern> to the one desired (e.g.)
- .xml
 - ◆ In change the attribute path to the pattern defined in web.xml (e.g. path="/intr")
 - ◆ Change the connect string to the BD you want the servlet to connect (e.g. `jdbc:oracle:thin:@(DESCRIPTION=(ADDRESS=(PROTOCOL=TCP)(HOST=intr1-v.cern.ch)(PORT=...))`
 - ◆ In the bottom of the file, change the DB username and password.

Try it

- Restart tomcat with 'service tomcat5 restart'
- Open your browser and chek if it is working:

http://atlasfrontier.cern.ch:8080/intr/Frontier?type=frontier_request:1:DEFAULT&encoding=BLOB&p1=eNoLdvVxd
(<http://ip:8080/>/[Frontier?....](#))

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