

JCAT Web Services

JCWS allows a user to interact with JCAT models as a service oriented architecture. To utilize the service follow the instructions below.

Web Server Configuration

To setup a JCWS server simply copy the contents of the package to a directory located on your web server and edit web.xml to match your configuration. Use a web server that supports Java Servlets and Java Server Pages such as Apache Tomcat.

- web-inf/web.xml user configuration for JCWS
 - modify the value of the models parameter to match the full path of the directory containing the JCAT models you wish to host on this server. This should not be a relative web directory but a full system path.
 - Optionally you may change the session timeout which is the time (in minutes) after being idle that a client's session will remain active before it expires on the server side.
- The included index web page (index.jsp) provides some basic functionality:
 - List of models hosted by the server
 - Model summary showing contents of selected model and a preview image if provided
 - View active sessions
- The models directory contains some sample models and may be used to test your server
 - Model images should be placed (with the same name as the model, ex tony.jcat, tony.jpg) either in the models directory specified by your configuration or in the model_imgs directory in the JCWS root. Valid images in the models directory will be copied to model_imgs when the server starts.

Client Configuration

You may create you own client to utilize JCWS using nearly any web technology you like or use the Java based JCWS client provided by the JCAT Team. To implement your own client refer to the JCWS_Usage.pdf document included with this package.

- The Java JCWS client
 - config.xml contains the address of the JCWS server you wish to connect to, you must change this information and place config.xml in your classpath
 - the JCWS_Client package includes Eclipse IDE project settings so that the package can be imported and used as an Eclipse project