**Tomcat (Catalina's) Configuration Files**

Catalina's default behavior can be directly configured by editing the six configuration files located in Tomcat's "$CATALINA\_BASE/conf" directory. Here's an overview of the files located in this directory and the kinds of options that can be configured within each.

**catalina.properties**

This file is a standard Java properties file for the Catalina class. It contains information such as security package lists and class loader paths. This file can also contains some String cache settings, that you might edit when tuning your server for best Tomcat performance

A screenshot of a computer

Description automatically generated

**catalina.policy**

This file contains the Tomcat security policy for the Catalina Java class, expressed in standard Security Policy syntax, as defined in the JEE specification. This is Tomcat's core security policy, and includes permissions definitions for system code, web applications, and Catalina itself.

A screenshot of a computer

Description automatically generated

**Logging.properties**

This file configures the way that Catalina's built-in logging functions, including things such as threshold and log location. Note that all the entries in this log refer to JULI, the modified commons-logging implementation that Tomcat automatically uses in place of your JDK's logging implementation

A screenshot of a computer

Description automatically generated

**content.xml**

This XML configuration file is used to define Tomcat Context information that will be loaded for every web application running on a given instance of Tomcat. In general, you should configure your Context information elsewhere, but there are a few entries in this file that can be uncommented to alter the way that Tomcat handles session persistence and Comment connections

A screenshot of a computer

Description automatically generated

**server.xml**

This is Tomcat's main configuration file, which uses the hierarchical syntax specified in the Java Servlet specification to configure Catalina's initial state, as well as define the order in which Tomcat boots and builds its various components. This file is quite complex, but comprehensive documentation is available on the Apache website.

A screenshot of a computer

Description automatically generated

**tomcat-users.xml**

This file contains information about the various users, passwords, and user roles on a given Tomcat server, as well as information about trusted Realms (JNDI, JDBC, etc.) where this data can be accessed

A screenshot of a computer

Description automatically generated

**web.xml**

This file configures options and values that will be applied to all applications loaded into a given instance of Tomcat, including servlet definitions such as buffer sizes, debugging levels, Jasper options like classpath, MIME types, and default welcome files for directories that do not have their own "index" files. Although you can technically configure options for specific web applications in this file, this will require you to restart your entire server to propagate these changes, so it is not recommended

A screenshot of a computer

Description automatically generated