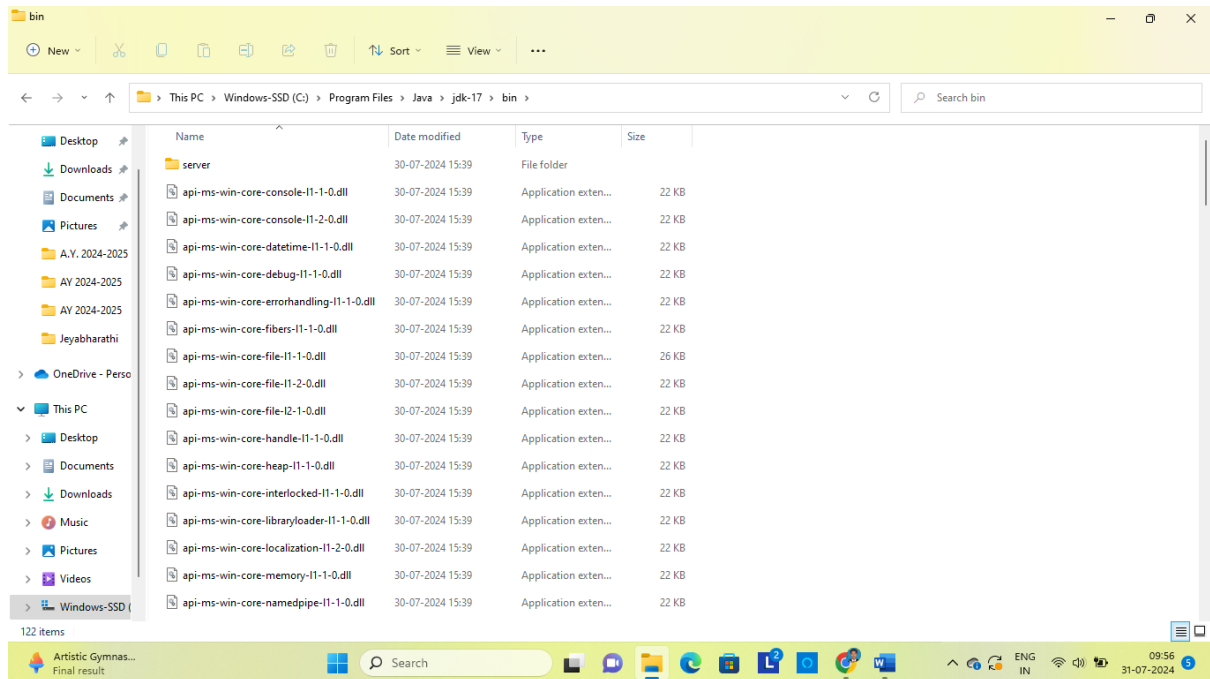
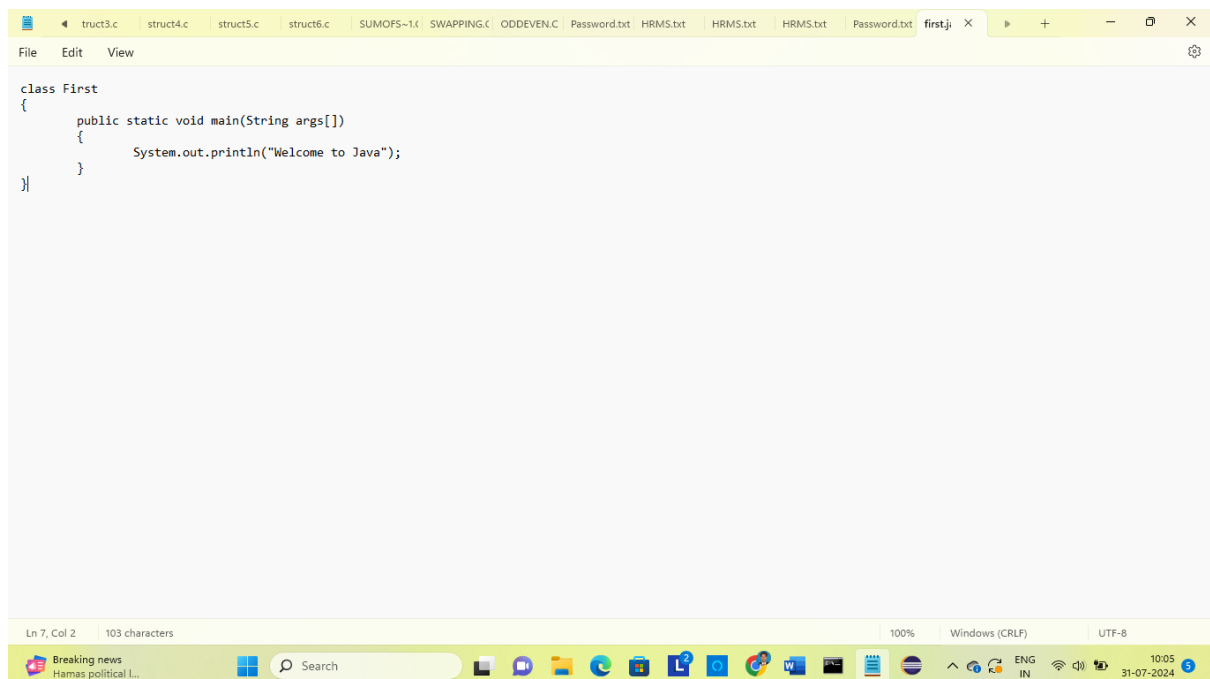


EXERCISE No.1

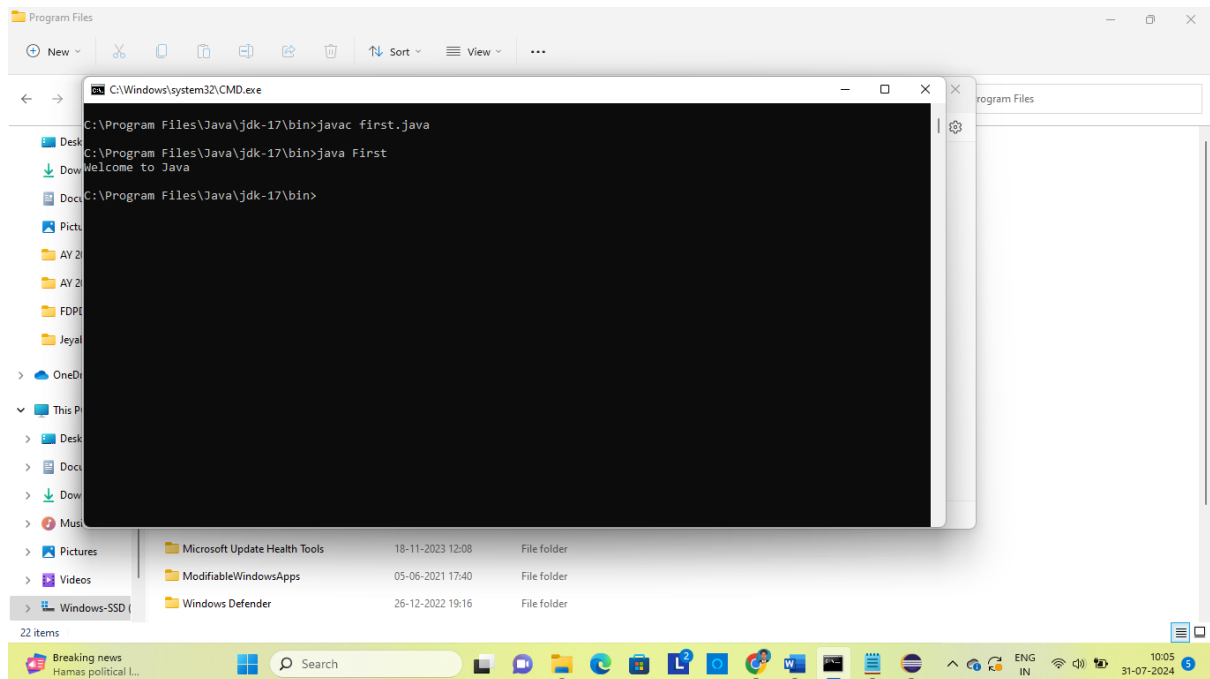
Java



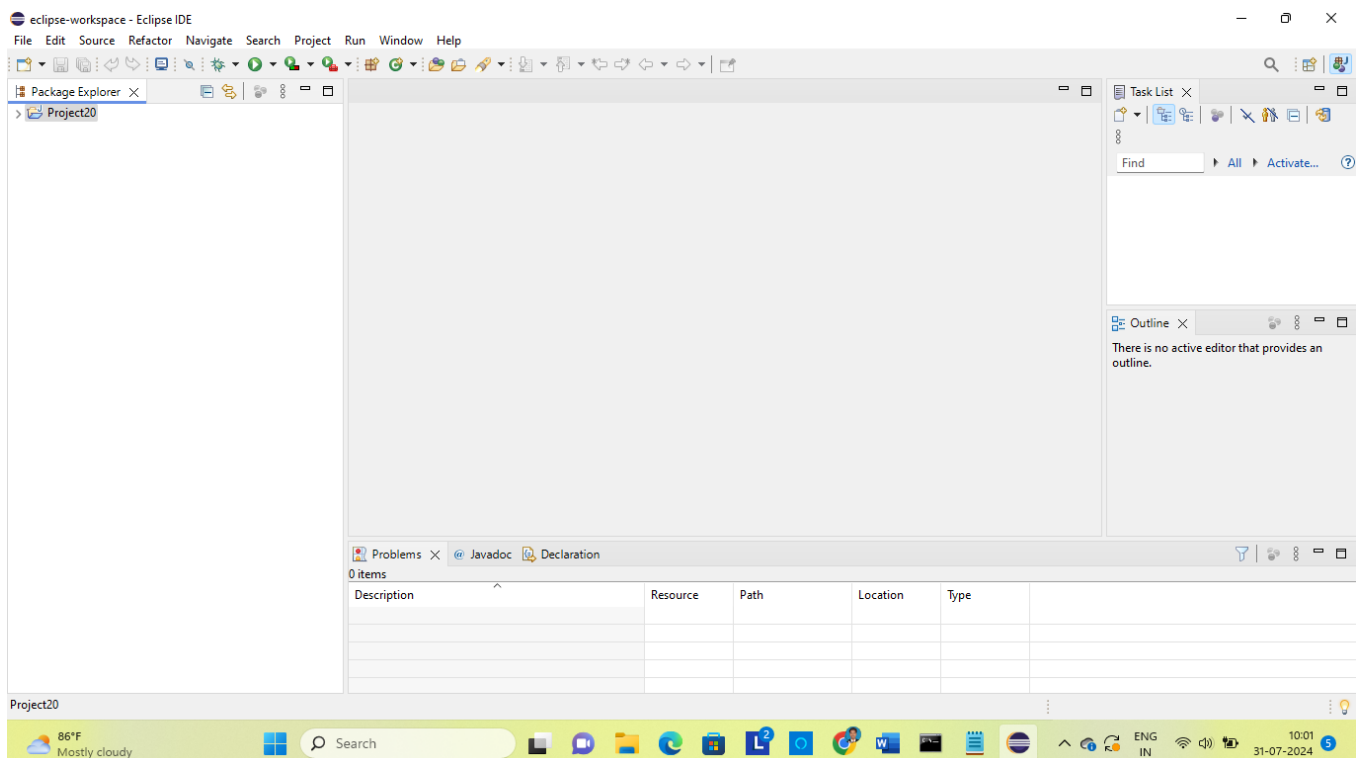
Sample program



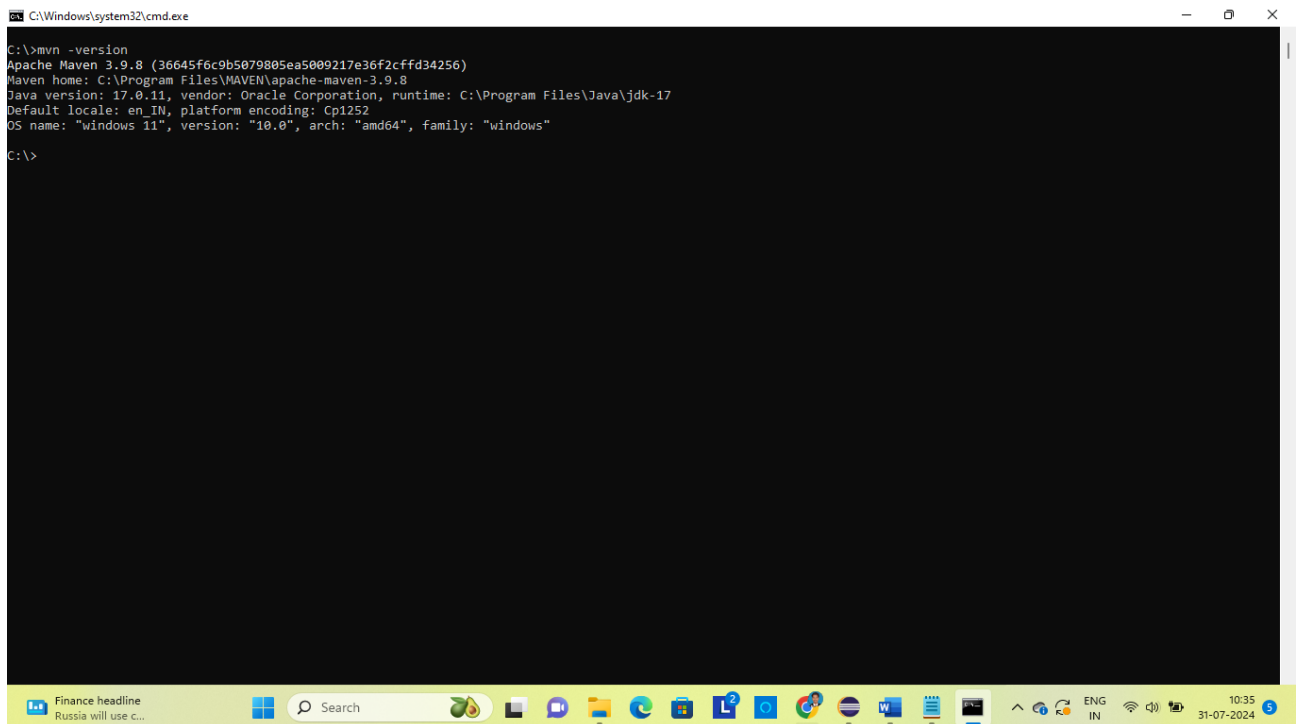
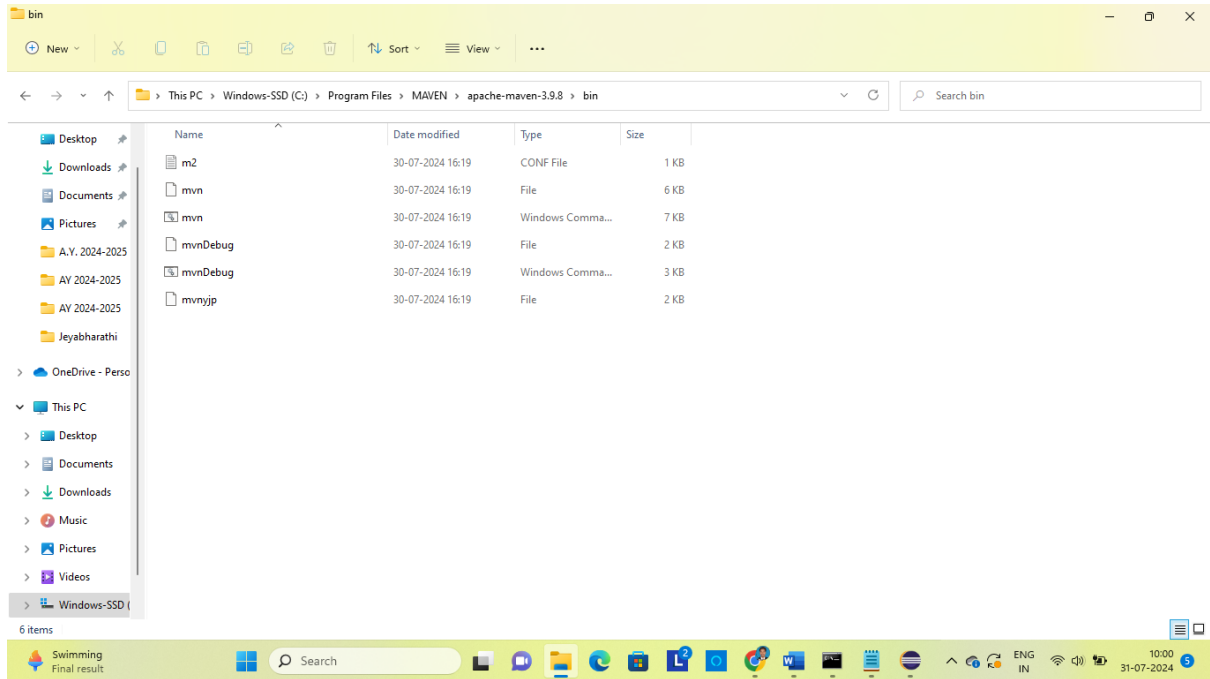
Compiling and executing a Java program



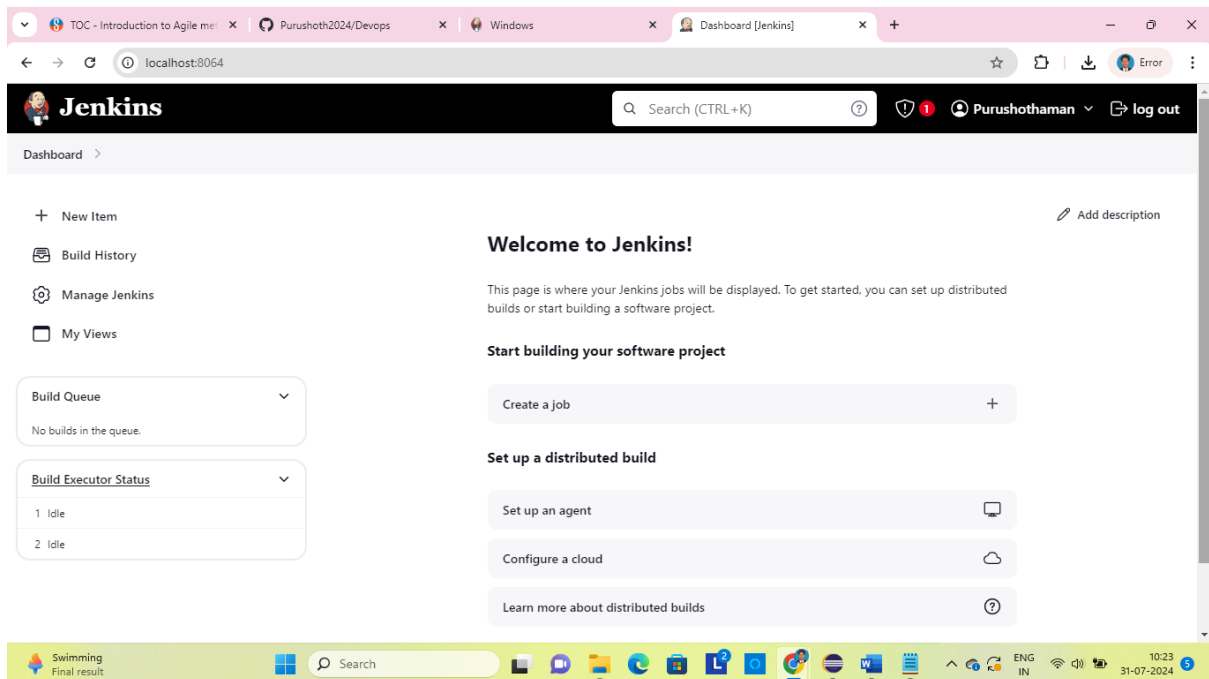
ECLIPSE



MAVEN

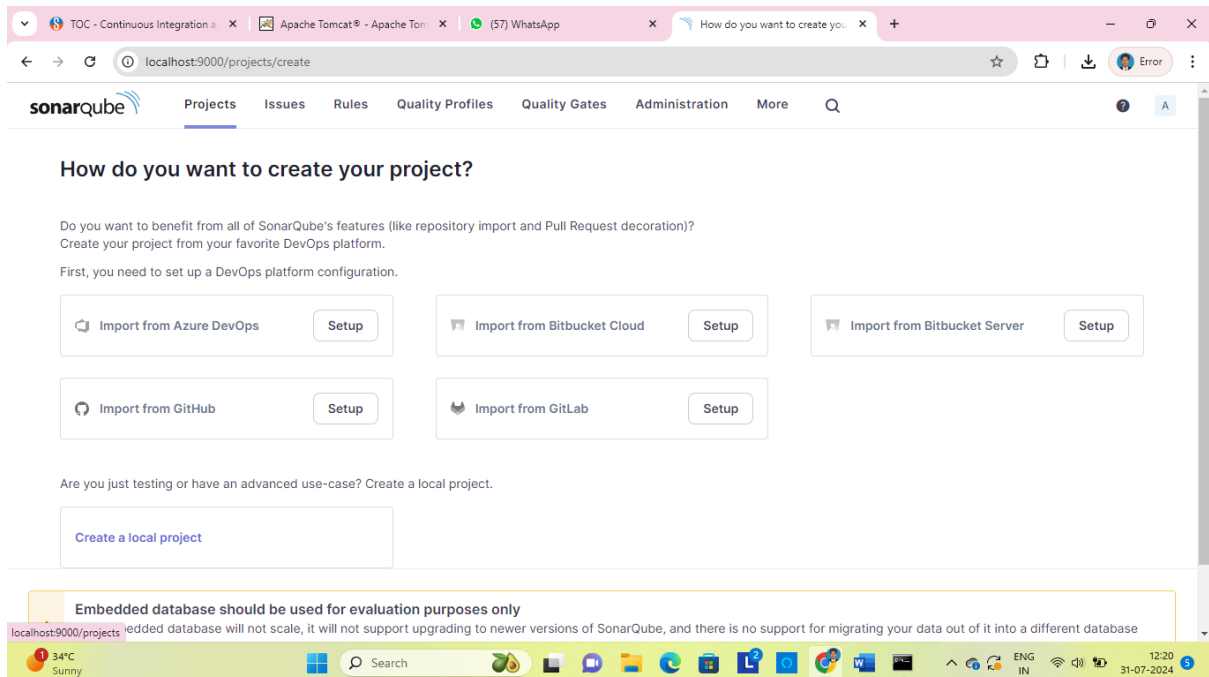


JENKINS



The screenshot shows the Jenkins Dashboard in a web browser. The browser has several tabs open: 'TOC - Introduction to Agile me...', 'Purushoth2024/Devops', 'Windows', and 'Dashboard [Jenkins]'. The address bar shows 'localhost:8064'. The Jenkins logo is in the top left, and a search bar with 'Search (CTRL+K)' is in the top right. The user 'Purushothaman' is logged in, with a 'log out' link. The dashboard has a left sidebar with links: 'New Item', 'Build History', 'Manage Jenkins', and 'My Views'. The main area has a 'Welcome to Jenkins!' message and a 'Start building your software project' section with buttons for 'Create a job', 'Set up a distributed build', 'Set up an agent', 'Configure a cloud', and 'Learn more about distributed builds'. A 'Build Queue' section shows 'No builds in the queue.' and a 'Build Executor Status' section shows two idle executors.

SONARQUBE



The screenshot shows the SonarQube 'Projects' page in a web browser. The browser has several tabs open: 'TOC - Continuous Integration', 'Apache Tomcat - Apache Tom...', '(57) WhatsApp', and 'How do you want to create your...'. The address bar shows 'localhost:9000/projects/create'. The SonarQube logo is in the top left, and a navigation bar contains links: 'Projects', 'Issues', 'Rules', 'Quality Profiles', 'Quality Gates', 'Administration', and 'More'. The main area has a 'How do you want to create your project?' section with a message about DevOps platform configuration. It lists several options: 'Import from Azure DevOps', 'Import from Bitbucket Cloud', 'Import from Bitbucket Server', 'Import from GitHub', and 'Import from GitLab', each with a 'Setup' button. There is also a 'Create a local project' button. A warning message at the bottom states: 'Embedded database should be used for evaluation purposes only. Embedded database will not scale, it will not support upgrading to newer versions of SonarQube, and there is no support for migrating your data out of it into a different database.'

TOMCAT


TOC - Continuous Integratio x Apache Tomcat® - Apache T x How do you want to create x Apache Tomcat® - Apache T x Apache Tomcat/10.1.26 x + - Error

localhost:8080

Home Documentation Configuration Examples Wiki Mailing Lists Find Help

Apache Tomcat/10.1.26

If you're seeing this, you've successfully installed Tomcat. Congratulations!



Recommended Reading:

- [Security Considerations How-To](#)
- [Manager Application How-To](#)
- [Clustering/Session Replication How-To](#)

Server Status
Manager App
Host Manager

Developer Quick Start

- [Tomcat Setup](#)
- [First Web Application](#)
- [Realms & AAA](#)
- [JDBC DataSources](#)
- [Examples](#)
- [Servlet Specifications](#)
- [Tomcat Versions](#)

Managing Tomcat

For security, access to the [manager webapp](#) is restricted. Users are defined in:

```
$CATALINA_HOME/conf/tomcat-users.xml
```

In Tomcat 10.1 access to the manager application is split between different users. [Read more...](#)

[Release Notes](#)
[Changelog](#)

Documentation

[Tomcat 10.1 Documentation](#)
[Tomcat 10.1 Configuration](#)
[Tomcat Wiki](#)

Find additional important configuration information in:

```
$CATALINA_HOME/RUNNING.txt
```

Developers may be interested in:

Getting Help

[FAQ and Mailing Lists](#)

The following mailing lists are available:

- [tomcat-announce](#)
Important announcements, releases, security vulnerability notifications. (Low volume).
- [tomcat-users](#)
User support and discussion
- [taglibs-user](#)
User support and discussion for [Apache Taglibs](#)

1 34°C Sunny Search 12:32 31-07-2024