

Components

Meecrowave Core

Core component is the backbone of Meecrowave. It is based on Tomcat embedded for Servlet container, CXF for JAX-RS, OpenWebBeans for CDI and Log4j2 for the logging.

[Read about Meecrowave configuration](#)

[Read about Meecrowave command line](#)

[Read about Meecrowave and webapp/wars](#)

Meecrowave JPA

Meecrowave JPA provides a thin layer on top of JPA to make it easier to use JPA without requiring to use a full container like JavaEE or Spring. It is just a CDI extension.

[Read More](#)

Meecrowave Maven

Meecrowave provides a Maven plugin to run meecrowave with your preferred build tool.

[Read More](#)

Meecrowave Gradle

Meecrowave provides a Gradle plugin to run meecrowave with your preferred build tool.

[Read More](#)

Meecrowave and the Testing

Meecrowave provides two main testing integration: a JUnit one and an Arquillian Container.

[Read More](#)

Meecrowave and Monitoring

For monitoring, [Microprofile](#) can be a neat companion of Apache Meecrowave. You can have a look to [Geronimo](#) implementation.

Meecrowave and JTA

This is an experimental integration of geronimo-transaction and meecrowave.

[JTA module](#)

Meecrowave and OAuth2

This is an experimental module integrating CXF OAuth2 server in Meecrowave through an embeddable dependency or a directly executable jar.

[OAuth2 module](#)

Meecrowave Let's Encrypt

This is an experimental module integrating with Let's Encrypt to provide you free and easy SSL support on your HTTPS connectors.

[Let's Encrypt module](#)

Meecrowave Websocket

This is an experimental module wrapping `tomcat-websocket` to make it CDI friendly for server endpoints.

[Websocket module](#)

Going further

Meecrowave scope is not the full scope of microservices (whatever it means) or at least enterprise needs cause several Apache projects cover part of them in a very good way.

See [Companion Projects](#) for more information.