

# 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](#)

# 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

Meecrowave provides few integration for the monitoring:

[Jolokia \(JMX\)](#)

# Meecrowave and JTA

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

[JTA module](#)

# Mecrowave and OAuth2

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

[OAuth2 module](#)

## Going further

Mecrowave 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.