

Mecrowave Gradle

```

buildscript {
    repositories {
        mavenCentral()
    }
    dependencies {
        classpath "org.apache.meerowave:meerowave-gradle-plugin:${meerowave.
version}"
    }
}

group 'com.app'
version '1.0-SNAPSHOT'

apply plugin: 'java'
apply plugin: 'org.apache.meerowave'

meerowave {
    httpPort = 9090
    // most of the meerowave core configuration
}

```



until version 1.2.7 the plugin id was `org.apache.microwave.microwave` so you had to use `apply plugin: 'org.apache.microwave.microwave'`. Alternatively you can use `plugin class: apply plugin: org.apache.meerowave.gradle.MeerowavePlugin`.

## Configuration

Name	Default	Description
antiResourceLocking	false	Should Tomcat anti resource locking feature be activated on StandardContext.
cdiConversation	false	Should CDI conversation be activated
clientAuth	-	HTTPS keystore client authentication
conf	-	Conf folder to synchronize
context		Default context name
cxfservletParams	-	Init parameters passed to CXF servlet
defaultSSLHostConfigName	-	The name of the default SSLHostConfig that will be used for secure https connections.
deleteBaseOnStartup	true	Should the directory be cleaned on startup if existing

Name	Default	Description
dir	-	Root folder if provided otherwise a fake one is created in tmp-dir
host	localhost	Default host
http2	false	Activate HTTP 2
httpPort	8080	HTTP port
httpsPort	8443	HTTPS port
initializeClientBus	true	Should the client bus be set. If false the server one will likely be reused.
injectServletContainerInitializer	true	Should ServletContainerInitializer support injections.
jaxrsAutoActivateBeanValidation	true	Should bean validation be activated on JAX-RS endpoint if present in the classpath.
jaxrsDefaultProviders	-	If jaxrsProviderSetup is true the list of default providers to load (or defaulting to johnson jsonb and jsonp ones)
jaxrsLogProviders	false	Should JAX-RS providers be logged
jaxrsMapping	-	Default jaxrs mapping
jaxrsProviderSetup	true	Should default JAX-RS provider be configured
jaxwsSupportIfAvailable	true	Should @WebService CDI beans be deployed if cxf-rt-frontend-jaxws is in the classpath.
jsonbBinaryStrategy	-	Should JSON-B provider prettify the output
jsonbEncoding	UTF-8	Which encoding provider JSON-B should use
jsonbIJson	false	Should JSON-B provider comply to I-JSON
jsonbNamingStrategy	-	Should JSON-B provider prettify the output
jsonbNulls	false	Should JSON-B provider serialize nulls
jsonbOrderStrategy	-	Should JSON-B provider prettify the output
jsonbPrettify	false	Should JSON-B provider prettify the output

Name	Default	Description
jsonpBufferStrategy	QUEUE	JSON-P JAX-RS provider buffer strategy (see johnzon)
jsonpMaxReadBufferLen	65536	JSON-P JAX-RS provider read buffer limit size (see johnzon)
jsonpMaxStringLength	10485760	JSON-P JAX-RS provider max string limit size (see johnzon)
jsonpMaxWriteBufferLen	65536	JSON-P JAX-RS provider write buffer limit size (see johnzon)
jsonpPrettify	false	Should JSON-P JAX-RS provider prettify the outputs (see johnzon)
jsonpSupportsComment	false	Should JSON-P JAX-RS provider support comments (see johnzon)
keepServerXmlAsThis	false	Don't replace ports in server.xml
keyAlias	-	HTTPS keystore alias
keystoreFile	-	HTTPS keystore location
keystorePass	-	HTTPS keystore password
keystoreType	-	HTTPS keystore type
loggingGlobalSetup	true	Should logging be configured to use log4j2 (it is global)
loginConfig	-	web.xml login config
mecrowaveProperties	mecrowave.properties	Loads a mecrowave properties, defaults to mecrowave.properties.
properties	-	Passthrough properties
quickSession	false	Should an unsecured but fast session id generator be used
roles	-	In memory roles
scanningExcludes	-	A forced exclude list of jar names (comma separated values)
scanningIncludes	-	A forced include list of jar names (comma separated values)
scanningPackageExcludes	-	A forced exclude list of packages names (comma separated values)
scanningPackageIncludes	-	A forced include list of packages names (comma separated values)

Name	Default	Description
securityConstraints	[]	web.xml security constraint
serverXml	-	Provided server.xml
sharedLibraries	-	A folder containing shared libraries.
skip	false	Should the extension be skipped completely
skipHttp	false	Skip HTTP connector
skipMavenCentral	false	Don't add to repositories <code>mavenCentral()</code>
ssl	false	Use HTTPS
sslProtocol	-	HTTPS protocol
stopPort	-1	Shutdown port if used or -1
tempDir	-	Temporary directory
tomcatAccessLogPattern	-	Activates and configure the access log valve. Value example: <code>'%h %l %u %t "%r" %s %b "%{Referer}i" "%{User-Agent}i"'</code>
tomcatAutoSetup	true	Add default servlet
tomcatFilter	-	A Tomcat JarScanFilter
tomcatJspDevelopment	false	Should JSP support if available be set in development mode
tomcatNoJmx	true	(Experimental) Should Tomcat MBeans be skipped.
tomcatScanning	true	Should Tomcat scanning be used ( <code>@HandleTypes</code> , <code>@WebXXX</code> )
tomcatWrapLoader	false	(Experimental) When deploying a classpath (current classloader), should meecrowave wrap the loader to define another loader identity but still use the same classes and resources.
useLog4j2JulLogManager	true	Should JUL logs be redirected to Log4j2 - only works before JUL usage.
useShutdownHook	true	Use shutdown hook to automatically stop the container on Ctrl+C
useTomcatDefaults	true	Should Tomcat default be set (session timeout, mime mapping etc...)
users	-	In memory users

<b>Name</b>	<b>Default</b>	<b>Description</b>
watcherBouncing	0	Activate redeployment on directories update using this bouncing.
webResourceCached	true	Cache web resources
webSessionCookieConfig	-	Force the cookie-config, it uses a properties syntax with the keys being the web.xml tag names.
webSessionTimeout	-	Force the session timeout for webapps
webXml	-	Global web.xml
webapp	-	Webapp to deploy