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* [User Manual Home](http://docs.google.com/userguide/userguide.html)
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### Reference

* [Groovy DSL Reference](http://docs.google.com/dsl/)
* [Gradle API Javadoc](http://docs.google.com/javadoc/)
* [Core Plugins](http://docs.google.com/userguide/plugin_reference.html)
* [Gradle & Third-party Tools](http://docs.google.com/userguide/third_party_integration.html)

### Getting Started

* [Creating New Gradle Builds](https://guides.gradle.org/creating-new-gradle-builds/)
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### Extending Gradle

* [Writing Custom Plugins](http://docs.google.com/userguide/custom_plugins.html)
* [Plugin Development Guides](https://gradle.org/guides/?q=Plugin+Development)

[Edit this page](https://github.com/gradle/gradle/edit/master/subprojects/docs/src/docs/userguide/)

# The Java Library Distribution Plugin

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| **✨** | The Java library distribution plugin is currently [incubating](http://docs.google.com/feature_lifecycle.html#feature_lifecycle). Please be aware that the DSL and other configuration may change in later Gradle versions. |
| --- | --- |

The Java library distribution plugin adds support for building a distribution ZIP for a Java library. The distribution contains the JAR file for the library and its dependencies.

[Usage](#4d34og8)

To use the Java library distribution plugin, include the following in your build script:

[Example: Using the Java library distribution plugin](#3rdcrjn)

**build.gradle**

apply plugin: 'java-library-distribution'

To define the name for the distribution you have to set the baseName property as shown below:

[Example: Configure the distribution name](#26in1rg)

**build.gradle**

distributions {  
 main{  
 baseName = 'my-name'  
 }  
}

The plugin builds a distribution for your library. The distribution will package up the runtime dependencies of the library. All files stored in src/main/dist will be added to the root of the archive distribution. You can run “gradle distZip” to create a ZIP file containing the distribution.

[Tasks](#2s8eyo1)

The Java library distribution plugin adds the following tasks to the project.

distZip — [Zip](http://docs.google.com/dsl/org.gradle.api.tasks.bundling.Zip.html)

*Depends on*: jar

Creates a full distribution ZIP archive including runtime libraries.

[Including other resources in the distribution](#17dp8vu)

All of the files from the src/dist directory are copied. To include any static files in the distribution, simply arrange them in the src/dist directory, or add them to the content of the distribution.

[Example: Include files in the distribution](#lnxbz9)

**build.gradle**

distributions {  
 main {  
 baseName = 'my-name'  
 contents {  
 from { 'src/dist' }  
 }  
 }  
}

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