

What is an archetype? 原型是什么？

A Maven project 'en devenir' 一个Maven项目

I.e. an abstract representation of a kind of project that can be instantiated into a concrete customized Maven project.

An archetype knows which files will be part of the instantiated project and which properties to fill to properly customize the project.

Each archetype defines a set of common properties:

- `groupId` which will be the groupId of the project
- `artifactId` which will be the artifactId of the project
- `version` which will be the version of the project
- `package` which will be the base package for all source files of the project

A JAR file

The minimal content of the JAR file is:

```
.
|-- META-INF
|   |-- maven
|       |-- archetype-metadata.xml [1]
|-- archetype-resources
|   |-- ... [2]
|   |-- pom.xml [3]
```

1. The **metadata file** that defines:
 - the default values of the common properties
 - a set of additional properties with their default values
 - a set of archetype resources
2. The **resource files** defined by the archetype metadata
3. The **POM file** of a Maven project

元数据文件
资源文件
POM文件

Note: The common properties should be renamed to `$target.groupId`, ... to avoid name clash.