

Generate project using an alternative catalog

It is possible to use an alternative catalog as the internal one by defining the `archetypeCatalog` property to a specific value which can be one of: 使用一个可选的目录作为内部目录 `archetypeCatalog`

- `internal` to use the internal catalog only.
- `local` to use the local catalog only.
- `remote` to use the maven's remote catalog. No catalog is currently provided.
- `file://path/to/archetype-catalog.xml` to use a specific local catalog. When the catalog file is named `archetype-catalog.xml`, it can be omitted.
- `http://url/to/archetype-catalog.xml` to use a specific remote catalog. When the catalog file is named `archetype-catalog.xml`, it can be omitted.

The default value is `remote, local`. Thus the local catalog is shown just after the remote one.

参考《3. Advanced Usage - Archetype creation - 原型创建》使用

```
$ mvn archetype:generate -DarchetypeCatalog=http://cocoon.apache.org
[INFO] Scanning for projects...
[INFO] Searching repository for plugin with prefix: 'archetype'.
[INFO] -----
[INFO] Building Maven Default Project
[INFO]   task-segment: [archetype:generate] (aggregator-style)
[INFO] -----
[INFO] Preparing archetype:generate
[INFO] No goals needed for project - skipping
[INFO] Setting property: classpath.resource.loader.class => 'org.codehaus.plexus.velocity.ContextClassLoaderResourceLoader'.
[INFO] Setting property: velocimacro.messages.on => 'false'.
[INFO] Setting property: resource.loader => 'classpath'.
[INFO] Setting property: resource.manager.logwhenfound => 'false'.
[INFO] [archetype:generate]
[INFO] Generating project in Interactive mode
[INFO] No archetype defined. Using maven-archetype-quickstart (org.apache.maven.archetypes:maven-archetype-quickstart:1.0)
Choose archetype:
1: http://cocoon.apache.org -> cocoon-22-archetype-block-plain (Creates an empty Cocoon block; useful if you want to add another block to a Cocoon application)
2: http://cocoon.apache.org -> cocoon-22-archetype-block (Creates a Cocoon block containing some small samples)
3: http://cocoon.apache.org -> cocoon-22-archetype-webapp (Creates a web application configured to host Cocoon blocks. Just add the block dependencies)
Choose a number or apply filter (format: [groupId:]artifactId, case sensitive contains): 1
Downloading: http://localhost:8081/nexus/content/groups/mac/org/apache/cocoon/cocoon-22-archetype-block-plain/1.0.0/cocoon-22-archetype-block-plain-1.0.0.jar
13K downloaded
Define value for groupId: : com.company
Define value for artifactId: : example
Define value for version: 1.0-SNAPSHOT: :
Define value for package: com.company: : com.company.example
Confirm properties configuration:
groupId: com.company
```

```
artifactId: example
version: 1.0-SNAPSHOT
package: com.company.example
Y: :
[INFO] -----
[INFO] Using following parameters for creating OldArchetype: cocoon-22-archetype-block-plain:1.0
.0
[INFO] -----
[INFO] Parameter: groupId, Value: com.company
[INFO] Parameter: packageName, Value: com.company.example
[INFO] Parameter: package, Value: com.company.example
[INFO] Parameter: artifactId, Value: example
[INFO] Parameter: basedir, Value: /private/tmp/archetype
[INFO] Parameter: version, Value: 1.0-SNAPSHOT
[WARNING] org.apache.velocity.runtime.exception.ReferenceException: reference : template = arche
type-resources/pom.xml [line 20,column 6] : $Id is not a valid reference.
[WARNING] org.apache.velocity.runtime.exception.ReferenceException: reference : template = arche
type-resources/src/main/resources/META-INF/cocoon/spring/block-servlet-service.xml [line 20,colu
mn 6] : $Id is not a valid reference.
[WARNING] org.apache.velocity.runtime.exception.ReferenceException: reference : template = arche
type-resources/src/main/resources/META-INF/cocoon/spring/block-application-context.xml [line 18,
column 6] : $Id is not a valid reference.
[INFO] OldArchetype created in dir: /private/tmp/archetype/example
[INFO] -----
[INFO] BUILD SUCCESSFUL
[INFO] -----
[INFO] Total time: 1 minute 20 seconds
[INFO] Finished at: Tue Sep 09 19:10:51 CEST 2008
[INFO] Final Memory: 8M/15M
[INFO] -----
```