

Maven Repositories



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Outline

Dependency Repo

Plugin Repo

Releases / Snapshots

~/.m2/repository

Maven storage

~/.m2

Storage path

~/.m2/repository/<groupId>/<artifactId>

Avoids duplication through multiple projects

Repositories

http locations

Super pom.xml

Default Maven installation

Default location

repo.maven.apache.org

Multiple repositories allowed

Corporate Repository

Nexus (this is what central is)

Artifactory

Dependency Repository



**Dependencies download
Release and/or snapshots
Separate repositories**

Repository

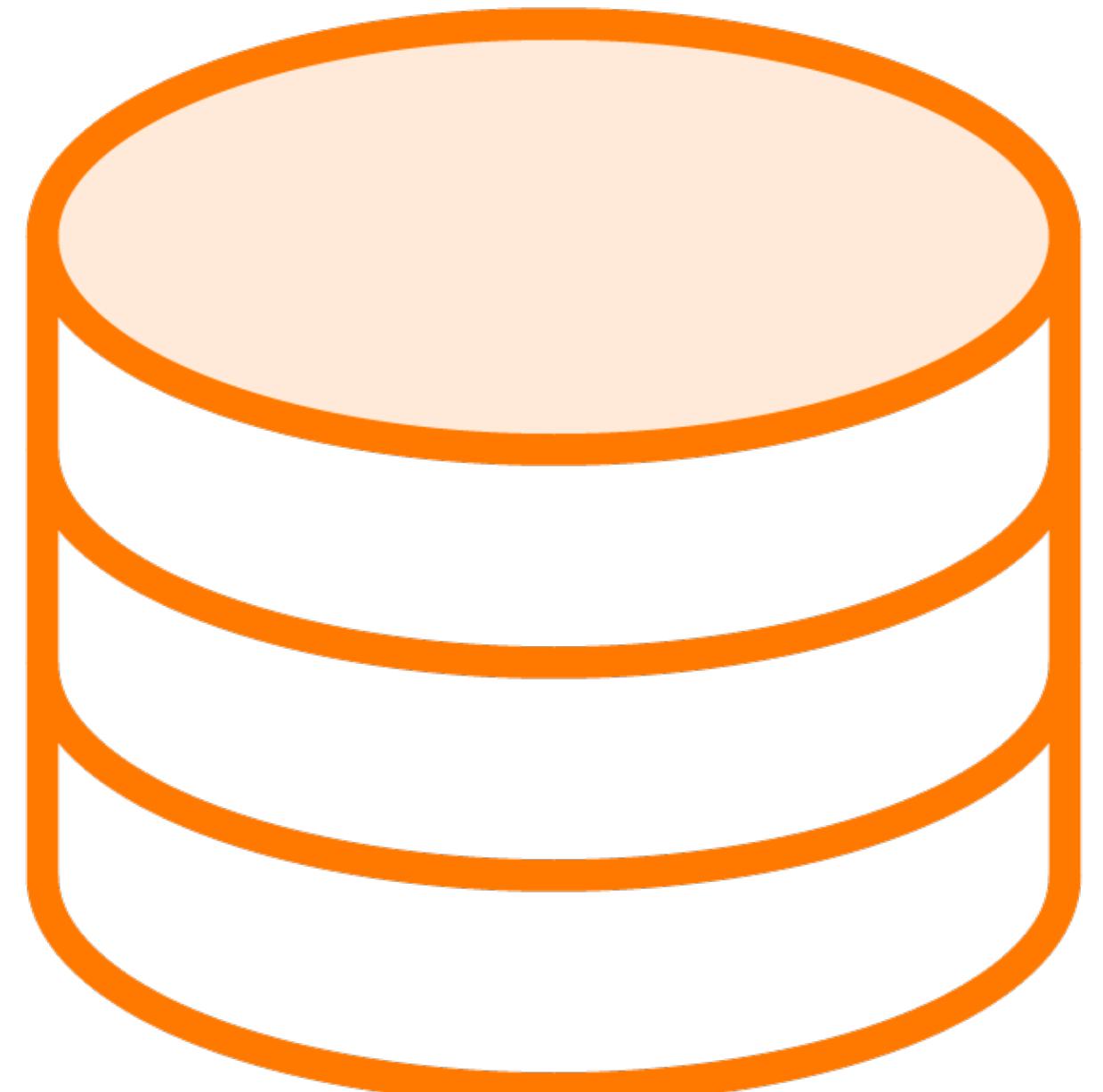
```
<repositories>
  <repository>
    <id>spring-snapshot</id>
    <name>Spring Maven SNAPSHOT Repository</name>
    <url>http://repo.springsource.org/libs-snapshot</url>
    <snapshots>
      <enabled>true</enabled>
    </snapshots>
    <releases>
      <enabled>false</enabled>
    </releases>
  </repository>
</repositories>
```

Add `spring-core-SNAPSHOT`

Configure SNAPSHOT repository

`http / https`

Plugin Repository

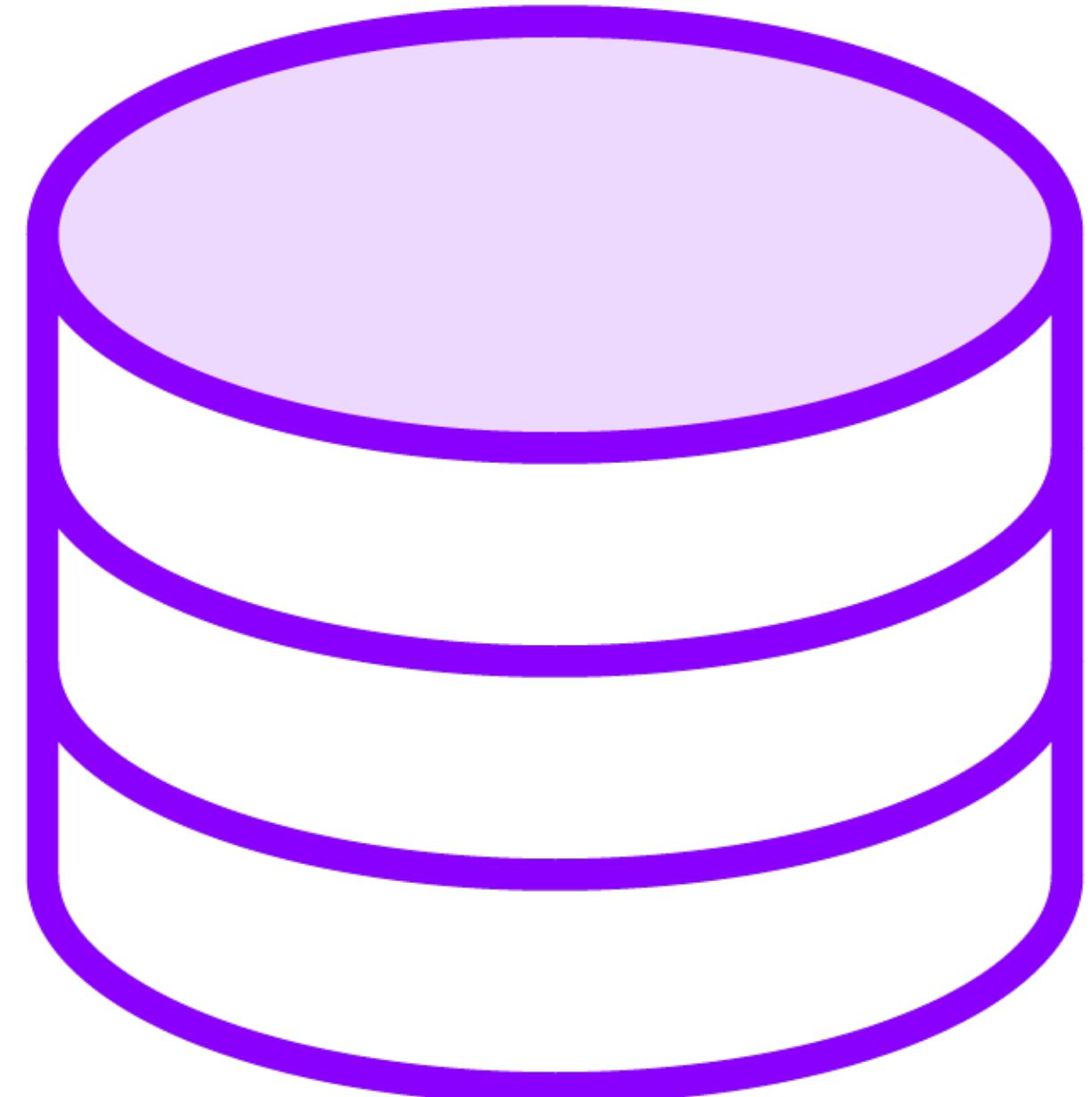


Identical to Dependencies repository
Looks only for plugins

Plugin Repository

```
<pluginRepositories>
  <pluginRepository>
    <id>acme corp</id>
    <name>Acme Internal Corporate Repository</name>
    <url>http://acmecorp.com/plugins</url>
    <snapshots>
      <enabled>true</enabled>
    </snapshots>
    <releases>
      <enabled>true</enabled>
    </releases>
  </pluginRepository>
</pluginRepositories>
```

Releases / Snapshots



Same repo

Why not Central?

Snapshots

Milestones

Release candidate

Release policies

Repository

```
<repositories>
  <repository>
    <id>spring-snapshot</id>
    <name>Spring Maven SNAPSHOT Repository</name>
    <url>https://repo.springsource.org/libs-snapshot</url>
    <snapshots>
      <enabled>true</enabled>
    </snapshots>
    <releases>
      <enabled>false</enabled>
    </releases>
  </repository>
</repositories>
```

Summary

Dependency and Plugin Repositories
SNAPSHOT code
Plugins
Corporate repository