

Documentum REST Extensibility Tutorial (1): Install Documentum REST Artifacts

One big benefit that Documentum REST Services 7.2 brings to users is the extensibility: developing custom resources upon Documentum REST Services infrastructure. We will post a series of tutorials to introduce the step-by-step custom resource development based on Documentum REST Services. The audiences of these tutorials are developers who want to build custom REST resources based on the out-of-the-box Documentum REST Services.

Reading: [Introduction to Documentum REST Extensibility](#)

Preliminary

Documentum REST Services since 7.2 releases an SDK for custom resource development, which contains most of the information you need. To start with the custom resource development, the following development environment is required:

- Java SE 6 or Java SE 7 ([Java SE - Downloads | Oracle Technology Network | Oracle](#))
- Maven 3.2.x ([Maven – Download Apache Maven](#))

Set `JAVA_HOME` and `MAVEN_HOME` to the system environment, and make the `bin` folder under the `path` environment. Once they are installed, make sure the command "`java -version`" and "`mvn -version`" can be run in the terminal.

Tip: *Although the SDK provides the Ant kit as well for users who are more familiar with the Ant build tool, it is strongly recommended to use the Maven as the Maven kit will get the best technical support for Documentum REST Services development.*

Install Documentum Maven artifacts from SDK

During the Maven project build, it is required to download the libraries (dependencies) from a Maven repository. As EMC does not provide a public Maven artifactory for users to download the artifacts for Documentum REST Services, users need to install the artifacts to their local or remote Maven repository manually.

The Apache Maven site provides the complete documentation for artifacts installation to the remote repository: [Maven – Guide to deploying 3rd party JARs to remote repository](#). In this tutorial, we just focus on the local repository installation with [Apache Maven Install Plugin](#). The same steps can be applied to a remote repository installation easily.

For REST SDK 7.2 Patch 03 and later version

Since the version **7.2 Patch 03**, Documentum REST SDK provides users the single command-line script to install the REST artifacts and its Documentum dependencies.

(1) *Enter to the SDK folder <SDK_ROOT>/maven-kit/*

(2a) *For Windows users , run the batch script in console: `dctm-maven-offline-install.bat`*

(2b) *For Linux/Mac users, run the bash script in terminal: `bash dctm-maven-offline-install.sh`*

The above script will install Documentum REST and its internal depending artifacts to your local Maven repository, typically under the user profile `<user>/m2/repository/com/emc/documentum/**`

The artifacts installation is done!

For REST SDK 7.2 GA, Patch 01 or Patch 02

*For SDK users using 7.2 GA ~ 7.2 Patch 02, its **highly recommended** to upgrade to the latest patch version.*

The installation of Documentum REST artifacts on 7.2 GA ~ Patch 02 can be divided into 4 steps:

1. **Install DFC**
2. **Install Core REST**
3. **Install WAR**
4. **Install Core REST plugin**

The Documentum REST SDK provides a readme file under `<SDK_ROOT>/maven-kit/dependencies-install-guide.txt` to illustrate how to write scripts manually to install those artifacts, respectively.

Next: [Documentum REST Extensibility Tutorial \(2\): Create A Sample Project](#)

[Learn more about Documentum REST Services >>](#)