

WildFly management - list/detect REST endpoints deployed in WildFly

Asked 3 years, 8 months ago Active 2 months ago Viewed 2k times



Is there a way (e.g. from a WildFly management console) to list all REST endpoints deployed in WildFly? Or to list them in a log while a server is starting?

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asked Feb 17 '16 at 16:30



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2 Answers



Using the `RegistryStatsResource`

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With RESTEasy (that is shipped with WildFly), you could add the following to your `web.xml` :



```
<context-param>
  <param-name>resteasy.resources</param-name>
  <param-value>org.jboss.resteasy.plugins.stats.RegistryStatsResource</param-
value>
</context-param>
```

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And then request the following URL:

```
http://[hostname]:[port]/[context]/[api-path]/resteasy/registry
```

Commented Feb 17 '16 at 16:30

- application/json

Checking the source code

If you are interested in the source code to create your own implementation, have a look at the [RegistryStatsResource class on GitHub](#).

The most relevant part of the source code is shown below (it's RESTEasy specific):

```
ResourceMethodRegistry registry = (ResourceMethodRegistry)
    ResteasyProviderFactory.getContextData(Registry.class);

for (String key : registry.getBounded().keySet()){
    List<ResourceInvoker> invokers = registry.getBounded().get(key);

    for (ResourceInvoker invoker : invokers) {

        if (invoker instanceof ResourceMethodInvoker) {

            ResourceMethodInvoker rm = (ResourceMethodInvoker) invoker;

            // Extract metadata from the ResourceMethodInvoker
        }
    }
}
```

Swagger may be an alternative

Depending on your requirements, you can use [Swagger](#) to document your API. It comes with a [set of annotations](#) to describe your REST endpoints.

Then use [Swagger UI](#) to provide a live documentation for your API.

Note: As of February 2017, looks like the [RegistryStatsResource](#) class is completely undocumented. I occasionally discovered it when digging into the RESTEasy source code for debugging purposes. Also, I found this [JBoss EAP issue](#) that tracks the lack of documentation for that class.

edited Mar 6 '17 at 10:38

answered Feb 10 '17 at 14:11



cassiomolin

- 1 The Maven dependency is: `<dependency> <groupId>org.jboss.resteasy</groupId> <artifactId>resteasy-jaxb-provider</artifactId> <version>3.0.8.Final</version> </dependency>` – [Enwired](#) Dec 12 '17 at 0:13 ✎

From the Management Console, you can view the published endpoints.

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When you login as an administrator, Click the Runtime option on the top navigation bar as shown below.

The screenshot displays the WildFly Management Console interface. The top navigation bar includes links for Homepage, Deployments, Configuration, Runtime (selected), Patching, and Access Control. The left sidebar shows the 'Server' status as 'Running' and a list of management operations: Status, Management Operations, Batch (JBeret), Datasources, EJB, IO, JAX-RS (highlighted), JNDI, JPA, Log Files, and MicroProfile Health (Smallrye). The main content area is titled 'REST Resource (1)' and shows a list of resources for 'c.m.d.a.jsonServer' (MobileLoanDemo.war). The selected resource is '/mobiloan/CustomDetails', which has a response of 'application/json' and a request of 'application/json'. The code snippet for the response is: `com.mobi.demo.processor.Response com.mobi.demo.api.jsonServer.getCustomerDetails(com.mobi.demo.processor.Request arg0)`. Below this, the resource '/mobiloan/CustomLimit' is shown with a response of 'application/json' and a request of 'application/json'. The code snippet for the response is: `com.mobi.demo.processor.Response com.mobi.demo.api.jsonServer.CustomerLimit(com.mobi.demo.processor.Request arg0)`. At the bottom, the resource '/mobiloan/CustomLimitXml' is shown with a response of 'application/xml' and a request of 'application/xml'. The code snippet for the response is: `com.mobi.demo.processor.Response com.mobi.demo.api.jsonServer.CustomerLimit(com.mobi.demo.processor.Request arg0)`. The bottom status bar indicates the version is 3.1.2.Final and provides links for Tools and Settings.

Click the **JAX-RS** option, then click the REST Resources option. This will display the endpoints to the far right.

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