

Implementation details

All source code located in the [src/](#) folder.

Following quickstart example is used as an initial project:

<https://github.com/wildfly/quickstart/tree/17.0.1.Final/spring-resteasy>

There are 3 key files:

- [XProgramBean](#) executes configured command line program in the specified working directory and returns program execution output.
- [XProgramSpringResource](#) process POST requests to the XProgram bean:

```
@Autowired
XProgramBean xProgramBean;

@POST
@Path("/xprogram")
@Consumes("text/plain")
@Produces("text/plain")
public Response postXProgram(String body) {
    String result = xProgramBean.process(body);
    return Response.ok(result).build();
}

@POST
@Path("/xprogram-form")
@Consumes(MediaType.APPLICATION_FORM_URLENCODED)
public Response postXProgramForm(@FormParam("msg") String msg) {
    String result = xProgramBean.process(msg);
    return Response.ok(result).build();
}
```

- [applicationContext.xml](#) where you can configure path to the executable script

```
<!-- XProgram bean -->
<bean id="xProgramBean"
class="org.jboss.as.quickstarts.resteasyspring.XProgramBean">
    <!-- Program execution working directory -->
    <constructor-arg index="0" type="java.lang.String"
value="/vagrant/cobol/webservices/xholidays" />
    <!-- Program to execute -->
    <constructor-arg index="1" type="java.lang.String"
value="/vagrant/cobol/webservices/xholidays/run.sh" />
</bean>

<!-- JAX-RS XProgram resource -->
```

```
<bean id="xProgramSpringResource"  
class="org.jboss.as.quickstarts.resteasyspring.XProgramSpringResource" />
```

How to build?

[Apache Maven](#) is required to build the project with using following command:

```
mvn clean package
```

Result **spring-resteasy.war** web application will be available in **target** folder.