

servicemix-lwcontainer

ServiceMix LightWeight Container



The lightweight components are deprecated. You can use the [servicemix-bean](#) component instead to deploy your own simple components, or use the [standard components](#).

The servicemix-lwcontainer is a JBI service engine that accepts **servicemix.xml** configuration files containing [lightweight components](#).

Take a look at the [loan-broker](#) demo or the [bpel-bpe](#) demo that ships with ServiceMix 3.x distributions.

Maven Archetype

You can use Maven servicemix-lwcontainer-service-unit archetype to create a LW container service unit:

```
mvn archetype:create \
-DarchetypeGroupId=org.apache.servicemix.tooling \
-DarchetypeArtifactId=servicemix-lwcontainer-service-unit \
-DarchetypeVersion=2010.01 \
-DgroupId=your.group.id \
-DartifactId=your.artifact.id \
-Dversion=your-version
```

Deployment

Service units targeted at servicemix-lwcontainer component should contain a file named **servicemix.xml** that should have the following format:

```
<beans xmlns:sm="http://servicemix.apache.org/config/1.0">
  <sm:serviceunit id="jbi">
    <sm:activationSpecs>
      <sm:activationSpec ...>
        <sm:component>
          <bean class="..." ...>
            ...
          </bean>
        </sm:component>
      </sm:activationSpec>
      ...
    </sm:activationSpecs>
  </sm:serviceunit>
</beans>
```

If you need to write your own components, you can easily embed some code using the following xml fragment at the top of the previous file:

```
<classpath>
  <location>.</location>
</classpath>
```

This will add the content of the **location** tags (relative to the unzipped service unit) to the classpath. The previous configuration will just add the class files contained in the service unit, as if it is a plain jar.

If you want to embed jars, just use something like

```
<classpath>
  <location>lib/foo.jar</location>
</classpath>
```