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## Websphere

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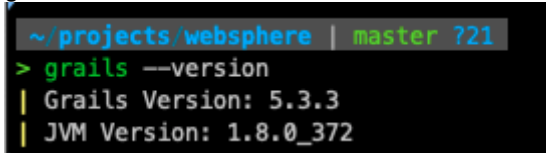
Mon, Aug 14, 2023 at 5:53 PM

Yeah, here's the process I used:

### Setup grails:

```
sdk install java 8.0.372-amzn
sdk install grails 5.3.3
```

```
grails --version
```



```
~ projects websphere | master ?21
> grails --version
| Grails Version: 5.3.3
| JVM Version: 1.8.0_372
```

### Create app:

```
grails create-app sample
```

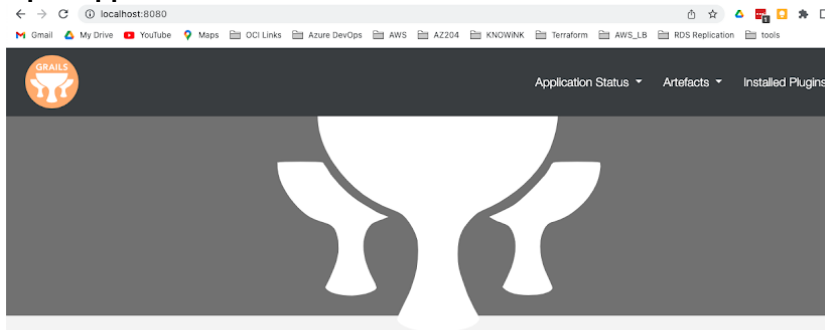
### Verify app runs:

```
grails run-app
```

### Test app:

```
cd sample
grails run-app
```

### Open app in browser:



Welcome to Grails

Congratulations, you have successfully started your first Grails application! At the moment this is the default page, feel free to modify it to either redirect to a controller or display whatever content you may choose. Below is a list of controllers that are currently deployed in this application, click on each to execute its default action:

### Running Websphere:

```
docker run --name test -h test -v $(pwd)/PASSWORD:/tmp/PASSWORD -p 9043:9043 -p 9443:9443 -d
ibmcom/websphere-traditional:latest
```

### Get the admin console password:

```
docker exec -it test cat /tmp/passwordupdated
```

**Also: -p 9080:9080**

### Log into the WAS console

<https://localhost:9043/ibm/console/logon.jsp>

use 'wsadmin' and password from previous step

### Create war and upload to container:

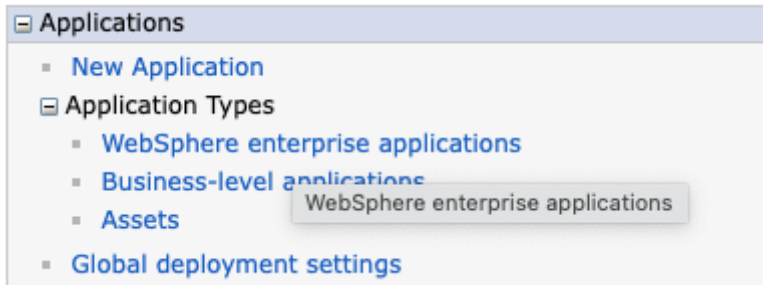
```
grails war
docker cp ./build/libs/sample-0.1.war test:/opt/IBM/WebSphere/AppServer/temp
```

```
~/projects/websphere/sample | master 721
> docker cp ./build/libs/sample-0.1.war test:/opt/IBM/WebSphere/AppServer/temp
Successfully copied 79MB to test:/opt/IBM/WebSphere/AppServer/temp
```

**Create app in Websphere:**

In Left menu:

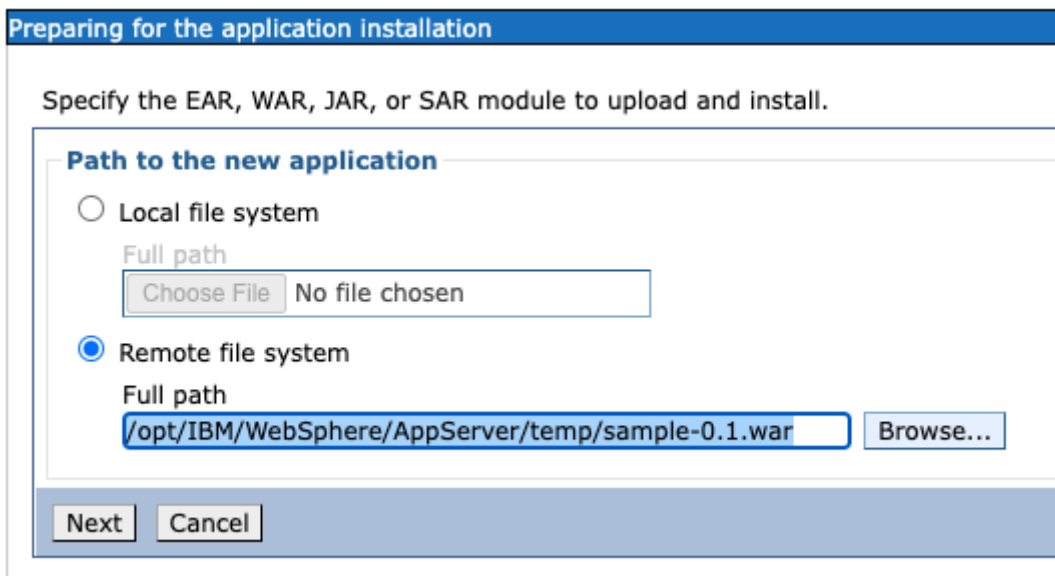
Applications -> Application Types -> Websphere Enterprise Applications



Click Install -> Remote File System:

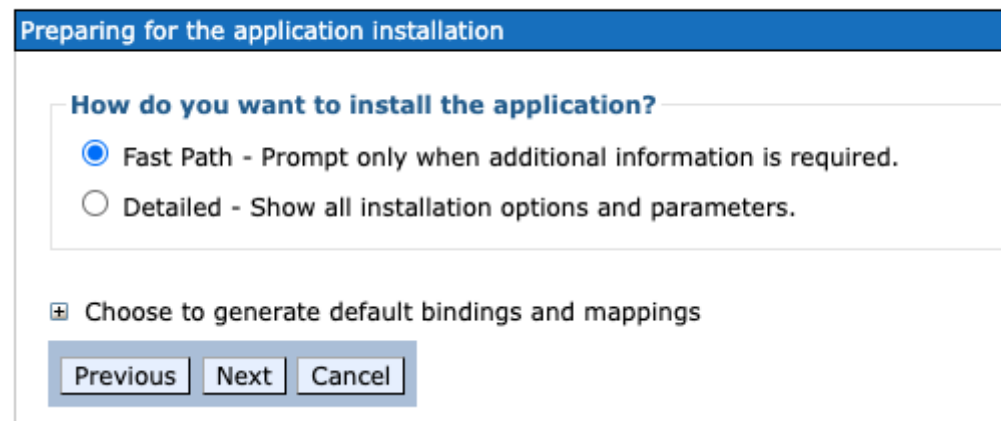
/opt/IBM/WebSphere/AppServer/temp/sample-0.1.war

Click Next



Choose "Fast Path:"

Enterprise Applications



Accept defaults on all the remaining screens, except Step 4, change Context root to /sample

**The server context in the Micronaut app (micronaut.server.context-path) or the Grails app (server.servlet.context-path) should match.**

Install New Application

Specify options for installing enterprise applications and modules.

Step 1 Select installation options  
 Step 2 Map modules to servers  
 Step 3 Map virtual hosts for Web modules  
 → Step 4: Map context roots for Web modules  
 Step 5 Metadata for modules  
 Step 6 Summary

**Map context roots for Web modules**

Configure values for context roots in web modules.

Web module	URI	Context Root
sample-0.1.war	sample-0.1.war;WEB-INF/web.xml	/sample

Previous Next Cancel

Click Finish to install,  
 And then click "Save"

Application sample-0\_1\_war installed successfully.

To start the application, first save changes to the master configuration.

Changes have been made to your local configuration. You can:

- [Save](#) directly to the master configuration.
- [Review](#) changes before saving or discarding.

Start App by selecting app and then click start

**Enterprise Applications**

Use this page to manage installed applications. A single application can be deployed onto multiple s

⊕ Preferences

Start Stop Install Uninstall Update Rollout Update Remove File Export Export D

⊞ ⊞ ⊞ ⊞

Select	Name	Application Status
You can administer the following resources:		
<input type="checkbox"/>	<a href="#">DefaultApplication.ear</a>	➔
<input type="checkbox"/>	<a href="#">query</a>	➔
<input checked="" type="checkbox"/>	<a href="#">sample-0_1_war</a>	✖
Total 3		

You should see the failure in the app log located in /opt/IBM/WebSphere/AppServer/profiles/AppSrv01/logs/server1  
 It should be named similar to TextLog\_23.08.14\_00.41.49\_server1.log

Let me know how you fix the app. I'm invested now :)

-Dave

[Quoted text hidden]