

Getting Started Notes

Tuesday, October 26, 2021 8:49 AM

```
# git config for cert
git config --global http.sslCAInfo c:/users/ly6790/certs/ATTINTERNALROOTv2.crt
```

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Azure functions

```
# maven archetype for azure functions
mvn archetype:generate -DarchetypeGroupId=com.microsoft.azure -DarchetypeArtifactId=azure-functions-archetype -DjavaVersion=11 -DarchetypeVersion=1.41
```

```
mvn azure-functions:run
```

```
mvn azure-functions:deploy -DproxySet=true -DproxyHost=sub.proxy.att.com -DproxyPort=8080
NOTE: using plugin version 1.9.0 worked, but 1.14.0 gave 401 error (see "fabrikam-functions" in samples)
```

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Deploy a Spring Boot app to Azure

```
# add Azure dependencies to the pom.xml file
mvn com.microsoft.azure:azure-webapp-maven-plugin:1.12.0:config
```

```
# deploy to Azure App Service
mvn azure-webapp:deploy -DproxySet=true -DproxyHost=sub.proxy.att.com -DproxyPort=8080
NOTE: using plugin version 1.12.0 worked, but 2.2.0 gave 401 error (see "demo" in samples)
```

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Configure a Java app for Azure App Service

```
# show the current Java version
az webapp config show --resource-group <resource-group-name> --name <app-name> --query linuxFxVersion
```

```
# show all supported Java versions
az webapp list-runtimes --linux | grep "JAVA\|TOMCAT\|JBOSSEAP"
```

For additional info <https://docs.microsoft.com/en-us/azure/app-service/configure-language-java?pivot=platform-linux#spring-boot-1>

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Terraform

Example in samples "spring-petclinic"

```
terraform init
terraform plan
terraform apply
```

<https://registry.terraform.io/providers/hashicorp/azurerm/latest/docs>

```
terraform state
terraform state list
```

```
terraform graph
```

<https://github.com/28mm/blast-radius>

```
az webapp list-runtimes --linux
```

```
terraform destroy
```

<https://github.com/jdubois/spring-petclinic>

=====

psql

```
postgres=> \l
```

```
postgres=> CREATE DATABASE <DATABASE_NAME>;
```

```
postgres=> \c <DATABASE_NAME>
```

```
CREATE TABLE payment_users (
    user_id serial PRIMARY KEY,
```

```
    user_name VARCHAR(50),  
    age_in_years INTEGER  
);  
  
INSERT INTO payment_users (user_id, user_name, age_in_years) VALUES (1, 'John', 45);  
INSERT INTO payment_users (user_id, user_name, age_in_years) VALUES (2, 'Lauren', 32);  
  
SELECT * FROM payment_users;  
  
UPDATE payment_users SET age_in_years = 31 WHERE user_id = 2;
```