Ollama

Testcontainers module for Ollama .

Ollama's usage examples

You can start an Ollama container instance from any Java application by using:

Ollama container

```java
OllamaContainer ollama = new OllamaContainer("ollama/ollama:0.1.26")
```

Pulling the model

Testcontainers allows executing commands in the container. So, pulling the model is as simple as:

Pull model

```java
ollama.execInContainer("ollama", "pull", "all-minilm");
```

Create a new Image

In order to create a new image that contains the model, you can use the following code:

Commit Image

```java
ollama.commitToImage(newImageName);
```

And use the new image along with Image name Substitution

```
OllamaContainer ollama = new OllamaContainer(

DockerImageName.parse(newImageName).asCompatibleSubstituteFor("ollama/ollam
)
```

Adding this module to your project dependencies

Add the following dependency to your `pom.xml` / `build.gradle` file:

Gradle

```
testImplementation "org.testcontainers:ollama:1.19.7"
```

Maven

```xml
<dependency>
    <groupId>org.testcontainers</groupId>
    <artifactId>ollama</artifactId>
    <version>1.19.7</version>
    <scope>test</scope>
</dependency>
```