

Ollama

Testcontainers module for [Ollama](#) .

Ollama's usage examples

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

Ollama container

```
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

```
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

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

And use the new image along with [Image name Substitution](#)

Use new Image

```
OllamaContainer ollama = new OllamaContainer(  
    DockerImageName.parse(newImageName)  
        .asCompatibleSubstituteFor("ollama/ollama")  
)
```

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

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