

How to Modify the Jar File for Shinyproxy

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Abstract

The paper listed in reference [1] shows how to use the shinyproxy jar file to create standalone docker engine. The author has made a Youtube video about it (see reference [2]).

In this paper we show how to customize the shinyproxy jar file with a few Linux commands.

Introduction

The shinyproxy jar file can be downloaded from the link in reference [3]. The latest version is 2.6.1.

The login page is a white page with two boxes that asks you to enter the username and password.

What if you are asked to customize the login page? In this paper we will show how to add a picture to the login page. This can be easily done by a few Linux commands.

Details

Step 1: Unzip the jar file

unzip shinyproxy-2.6.1.jar

Step 2: Unzip another jar file

Go to the folder BOOT-INF/lib, and unzip the file containerproxy-0.8.11.jar.

Step 3: modify the login.html

Go to the folder BOOT-INF/lib/templates, and modify the file login.html.

For illustration purpose, we will add the picture from the webpage

<https://bluehyacinthconsulting.com/> to the login page.

Go to <https://bluehyacinthconsulting.com/>, right click on the picture, and copy the image link. The link is <https://img1.wsimg.com/isteam/stock/27687/:rs=w:1920,m>

Now we open the login.html and add the following line under the tag <body>.

Step 4: update containerproxy-0.8.11.jar

jar uf containerproxy-0.8.11.jar templates/login.html

Step 5: update shinyproxy-2.6.1.jar

```
jar uf0 shinyproxy-2.6.1.jar ./BOOT-INF/lib/containerproxy-0.8.11.jar
```

after the above steps, if we run the command `java -jar shinyproxy-2.6.1.jar`, we should see the picture in the log in page. We can adjust the look of the login page by updating the `login.html`.

Contact

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References

- [1] <https://www.databentobox.com/2019/11/05/deploy-r-app-with-shinyproxy/>
- [2] <https://www.youtube.com/watch?v=gbtq8LcbLf0&t=348s>
- [3] <https://shinyproxy.io/downloads/>