

WEBSWING

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Tested On
Linux Mint 20.3; 21.3
Java 11.0.24
(Asumsi sudah terinstall database sik)

```
simpus@user:~$ sudo apt update
```

```
simpus@user:~$ sudo apt install apache2 php php-mysql php-mbstring mariadb-server  
(Optional)
```

```
simpus@user:~$ sudo apt install xfb  
simpus@user:~$ sudo apt install libxi6  
simpus@user:~$ sudo apt install libxtst6  
simpus@user:~$ sudo apt install libxrender1
```

```
simpus@user:~$ sudo apt install wget unzip (Optional)
```

Pastikan kita berada di directory user
simpus@user:~\$ cd /home/user

Download Java JDK
simpus@user:~\$ wget
<https://cloud01.kominfo.sulbarprov.go.id/s/CxkSM9875LTkaGd/download/bellsoft-jdk11.0.24+9-linux-amd64-full.deb>

```
simpus@user:~$ sudo dpkg -i bellsoft-jdk11.0.24+9-linux-amd64-full.deb
```

Download Java JRE
simpus@user:~\$ wget
<https://cloud01.kominfo.sulbarprov.go.id/s/8AQR2o6dcqqtXEr/download/bellsoft-jre11.0.24+9-linux-amd64-full.deb>

```
simpus@user:~$ sudo dpkg -i bellsoft-jre11.0.24+9-linux-amd64-full.deb
```

Cek Java
simpus@user:~\$ sudo update-alternatives --config java

```
simpus@user:~$ sudo update-alternatives --config javac
```

Download Webswing
simpus@user:~\$ wget
<https://cloud01.kominfo.sulbarprov.go.id/s/KKnZzH498THQL8e/download/webswing-examples-eval-24.1.5-distribution.zip>

```
simpus@user:~$ unzip webswing-examples-eval-24.1.5-distribution.zip
```

```
simpus@user:~$ mv webswing-examples-eval-24.1.5-distribution.zip webswing
```

Download Khanza rebuilt
simpus@user:~\$ wget
<https://cloud01.kominfo.sulbarprov.go.id/s/aMRARLJrgxAQajo/download/dist.zip>

```
simpus@user:~$ unzip dist.zip
```

```
simpus@user:~$ cd dist
```

simpus@user:~/dist\$ nano setting/database.xml (sesuaikan setting nya)

```
File Edit View Search Terminal Help
GNU nano 6.2 setting/database.xml
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<!DOCTYPE properties SYSTEM "http://java.sun.com/dtd/properties.dtd">
<properties>
  <comment>KhanzaHMS</comment>
  <entry key="HOST">5k7+C7EnUw9nUv2Nix+DBA==</entry>
  <entry key="DATABASE">AZHNccBwSmSho84f+X8GyQ==</entry>
  <entry key="PORT">nioxtijcpDaKSUiUiP5Fag==</entry>
  <entry key="USER">kMR3WfAwUK6MbhCyydxa0g==</entry>
  <entry key="PAS">L4nh5eVYrLAER/I2A4b3Tw==</entry>
  <entry key="CARICEPAT">nonaktif</entry>
  <entry key="HOSTHYBRIDWEB">5k7+C7EnUw9nUv2Nix+DBA==</entry>
  <entry key="USERHYBRIDWEB">nmXqCKzrz9i8GTZlq7JruQ==</entry>
  <entry key="PASHYBRIDWEB">AsJ/0/gCnYnD+gK4fw9uKA==</entry>
  <entry key="HYBRIDWEB">webapps</entry>
  <entry key="PORTWEB">80</entry>
  <entry key="AKTIFKANWARNARALAN">no</entry>
  <entry key="ANTRIAN">player</entry>
  <entry key="LOKETANTRIAN">1</entry>
  <entry key="ALARMAPOTEK">yes</entry>
  <entry key="RESEPAJALKEPLAN">yes</entry>
^G Help      ^O Write Out ^W Where Is  ^K Cut       ^T Execute   ^C Location
^X Exit      ^R Read File ^\ Replace   ^U Paste     ^J Justify   ^_ Go To Line
Set up System Snapshots to Protect
```

Setting Webswing

simpus@user:~/dist\$ cd ../webswing

simpus@user:~/webswing\$ nano webswing.config

Ubah

"adminConsoleUrl" : "\${webswing.admin.url}", -----> menjadi "adminConsoleUrl" :
"<http://localhost:8080/admin>"

Catatan : ubah localhost menjadi ip address kalau mau diakses dari remote pc

```
GNU nano 6.2 webswing/webswing.config
{
  "/" : {
    "path" : "/",
    "security" : {
      "module" : "org.webswing.security.modules.demo.DemoSecurityModule",
      "classPath" : [ "${webswing.rootDir}/security/*" ]
    },
    "langFolder" : "${webswing.configDir}/lang",
    "homeDir" : "${user.dir}",
    "allowedCorsOrigins" : [ "*" ],
    "adminConsoleUrl" : "http://localhost:8080/admin",
    "webFolder" : "${webswing.rootDir}/apps/selector"
  },
  "/webswing-demo" : {
    "path" : "/webswing-demo",
    "enabled" : true,
    "name" : "Webswing Demo",
    "webFolder" : "${webswing.rootDir}/apps/WebswingDemo/webroot",
    "restrictedResources" : [ ],
    "langFolder" : ""
  }
}
[ Read 376 lines ]
^G Help      ^O Write Out ^W Where Is  ^K Cut       ^T Execute   ^C Location
^X Exit      ^R Read File ^\ Replace   ^U Paste     ^J Justify   ^_ Go To Line
```

Ubah juga/sesuaikan

```
simpus@user:~/webswing$ nano admin/webswing-admin.properties
```

```
File Edit View Search Terminal Help
GNU nano 6.2 admin/webswing-admin.properties
# secret signing key for JWT tokens, should be at least 128 characters long str
# - change this to a random alphanumeric string in production
# - same secret must be present in webswing server's webswing.properties
webswing.connection.secret = 64FQIQgxIpLWJjuFTuwWtM5iwf2PXeBvRJ95T3blHFnih79FRn
# use this property to provide secret key from a file
#webswing.connection.secret.file = secret.key

# public URL on which applications are accessible on public internet
webswing.server.publicUrl = http://localhost:8080

# type of websocket URL loader
#   - propertyFile (default) - loads from this property file from webswing
#   - propertyFile_noReload - loads from this property file from webswing.s
#   - script - loads from a custom script
webswing.websocketUrlLoader.type = propertyFile
# websocket URL loader reloading interval in seconds
webswing.websocketUrlLoader.interval = 5

# use this for webswing.websocketUrlLoader.type = {propertyFile|propertyFile_no
# comma-separated list of websocket URLs to webswing cluster servers
webswing.server.websocketUrl = ws://localhost:8080

# use this for webswing.websocketUrlLoader.type = script
# script that loads a comma-separated list of websocket URLs
#webswing.websocketUrlLoader.script = urls.bat

#Custom ssl context configuration for websocket connection to Webswing cluster
#webswing.server.websocket.truststore.type = PKCS12
#webswing.server.websocket.truststore = ssl/truststore.p12
#webswing.server.websocket.truststore.password = 123123
#webswing.server.websocket.hostnameVerifier.disabled = true

[ Read 42 lines ]
^G Help      ^O Write Out ^W Where Is  ^K Cut      ^T Execute  ^C Location
^X Exit      ^R Read File ^\ Replace  ^U Paste    ^J Justify  ^_ Go To Line
```

Jalankan Webswing

```
simpus@user:~/webswing$ ./webswing.sh start
```

```
simpus@pkmtest:~/webswing$ ./webswing.sh start
Starting Webswing...
HOME: .
OPTS: -h 0.0.0.0 -j ./jetty.properties -c ./webswing.config -pfa ./admin/webswing
-admin.properties -adminctx /admin
JAVA_HOME:
JAVA_OPTS: -Xmx2g
LOG: ./webswing.out
PID: ./webswing.pid
Webswing STARTED
simpus@pkmtest:~/webswing$
```

Cek status

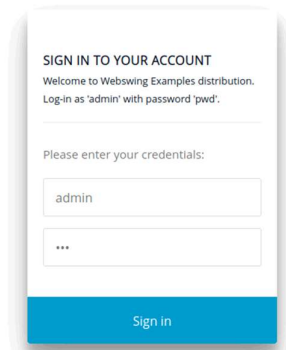
```
simpus@user:~/webswing$ ./webswing.sh status
```

```
simpus@pkmtest:~/webswing$ ./webswing.sh status
Webswing is running with pid 5306.
simpus@pkmtest:~/webswing$
```

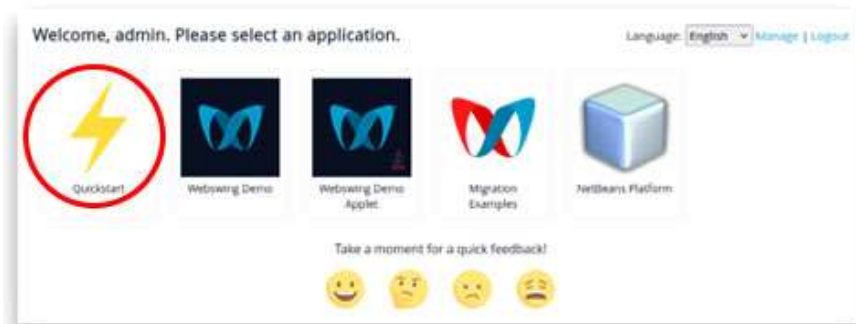
Buka Browser

- <http://localhost:8080/admin>

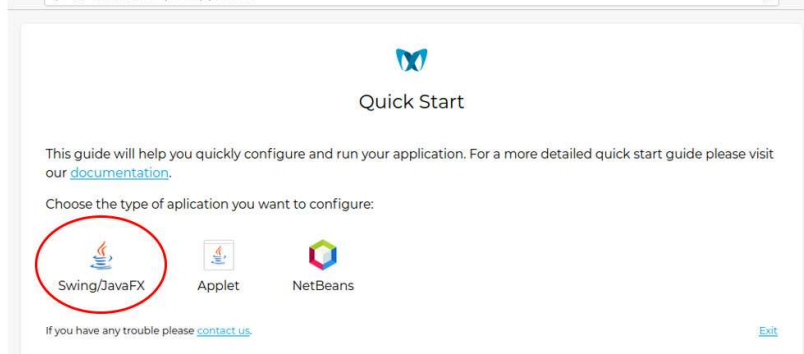
- User : admin Pass : pwd

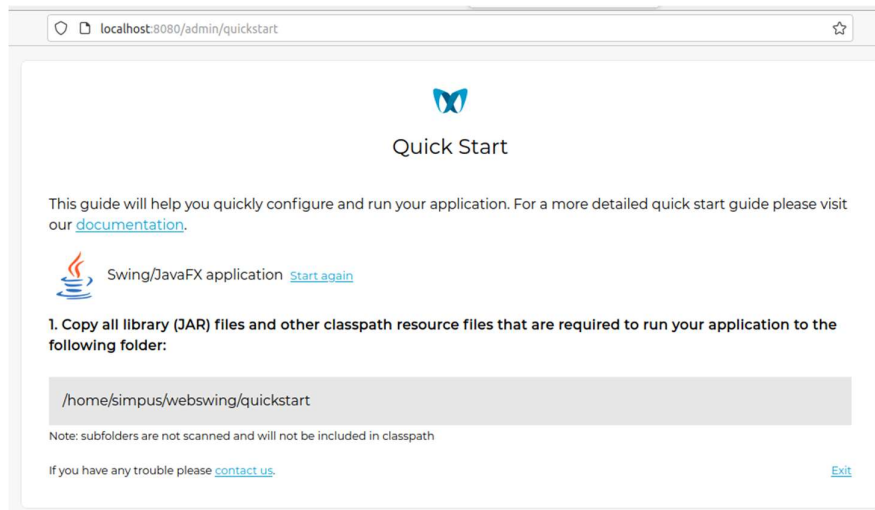


Klik Quickstart



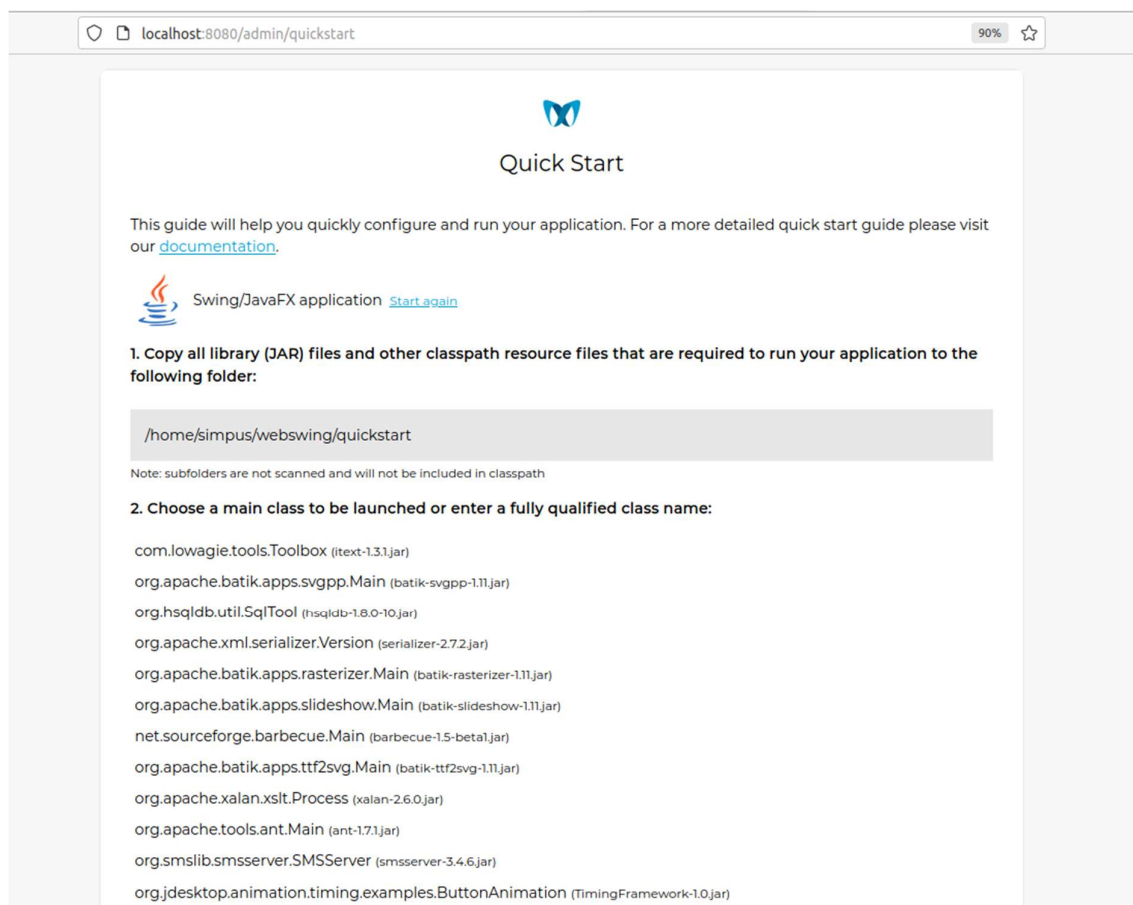
Trus Klik Swing/JavaFx





Kembali ke Terminal Copy file lib
simpus@user:~/webswing\$ cp -a ../dist/lib/. quickstart/

maka tampilannya akan seperti berikut :



org.smslib.Service (smslib-3.4.6.jar)
nickyb.sqlleonardo.environment.Application (sqlleonardo-2009.03.rc1.jar)
bsh.Console (bsh-2.0b4.jar)
bsh.Console (bsh-2.1b5.jar)
org.mozilla.javascript.tools.shell.Main (rhino-1.7.10.jar)
org.krysalis.barcode4j.cli.Main (barcode4j-2.1.jar)
uz.ncipro.calendar.JDateTimePicker (calendar.jar)
org.apache.batik.apps.rasterizer.Main (batik-rasterizer-ext-1.11.jar)
org.apache.batik.apps.svgbrowser.Main (batik-squiggle-ext-1.11.jar)
org.w3c.tidy.Tidy (jasperreports-jtidy-r938.jar)
jxl.demo.Demo (jxl-2.6.10.jar)
com.toedter.calendar.demo.JCalendarDemo (jcalendar-1.4.jar)
org.apache.commons.compress.archivers.Lister (commons-compress-1.18.jar)
org.apache.xalan.xslt.Process (xalan-2.7.2.jar)
rex.WarehouseExplorer (rex-20080421.jar)
com.sun.jna.Native (jna-platform-4.1.0.jar)
org.apache.batik.apps.svgbrowser.Main (batik-all-1.11.jar)
org.jdesktop.swingx.painter.demo.PainterDemoSet (swingx-2007_10_07.jar)
com.sun.jna.Native (jna-4.1.0.jar)

Main class:

If you have any trouble please [contact us](#).

[Exit](#)

Isikan Main Class Aplikasi dalam hal ini : simrskhanza.SIMRSKhanza
Terus klik : Setup my app!

org.apache.batik.apps.svgbrowser.Main (batik-all-1.11.jar)
org.jdesktop.swingx.painter.demo.PainterDemoSet (swingx-2007_10_07.jar)
com.sun.jna.Native (jna-4.1.0.jar)

Main class:

3. Customize VM args, main method args and system properties:

VM arguments:

Main method params:

System properties:

My application uses JavaFX

Java version: **11.0.24**

Java executable: `/usr/lib/jvm/bellsoft-java11-full-amd64/bin/java`

[Use a different Java](#)

4. Enter the name of your application and context path:

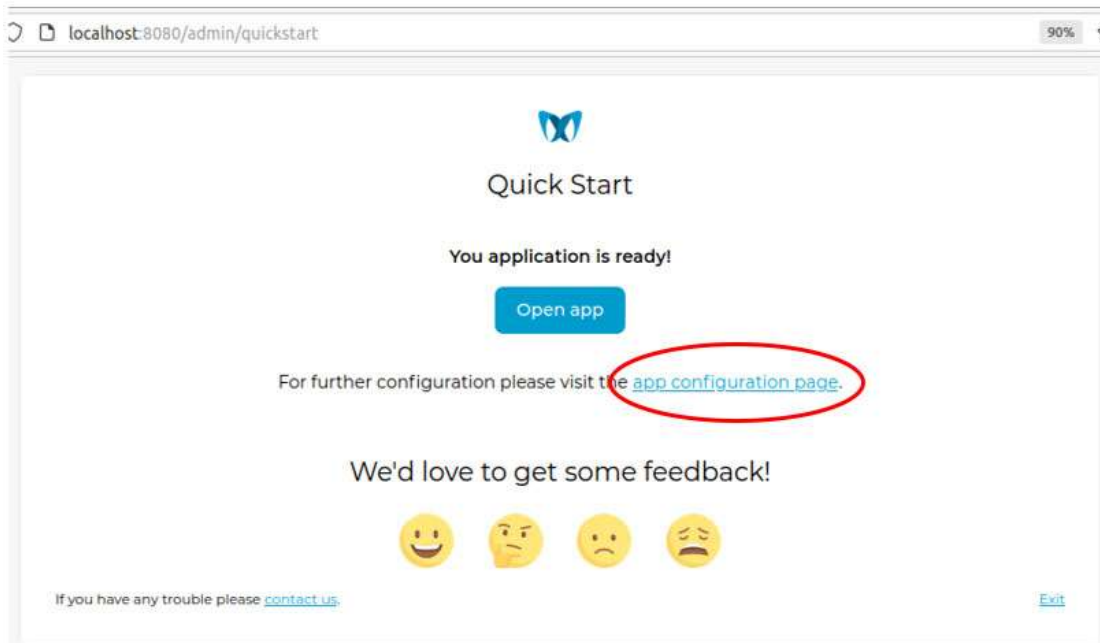
Application name:

Application path:

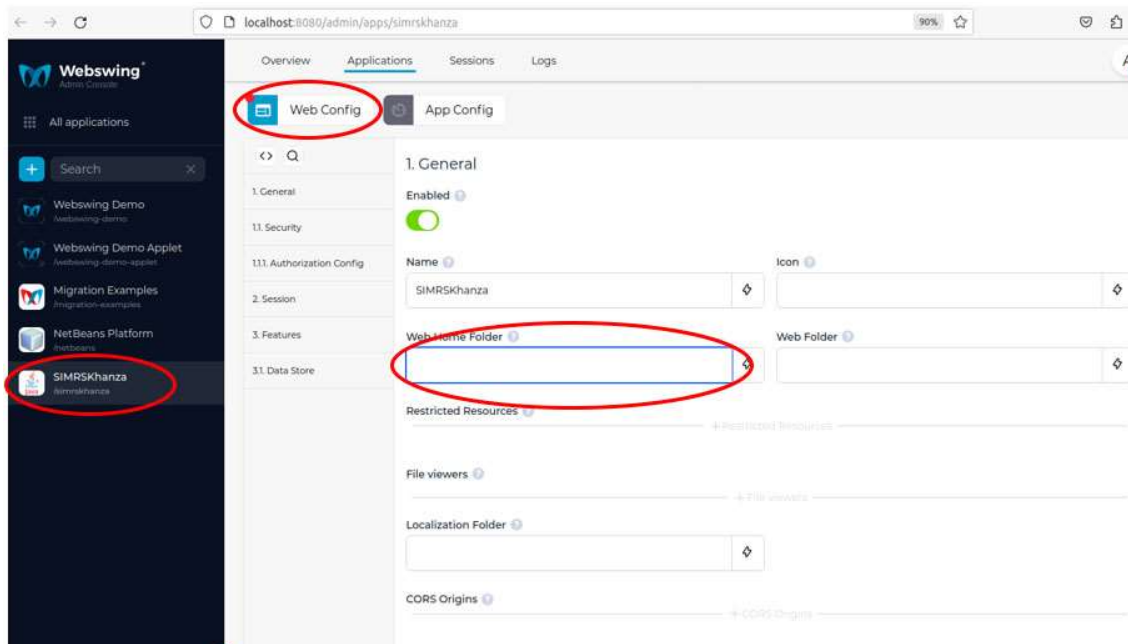
If you have any trouble please [contact us](#).

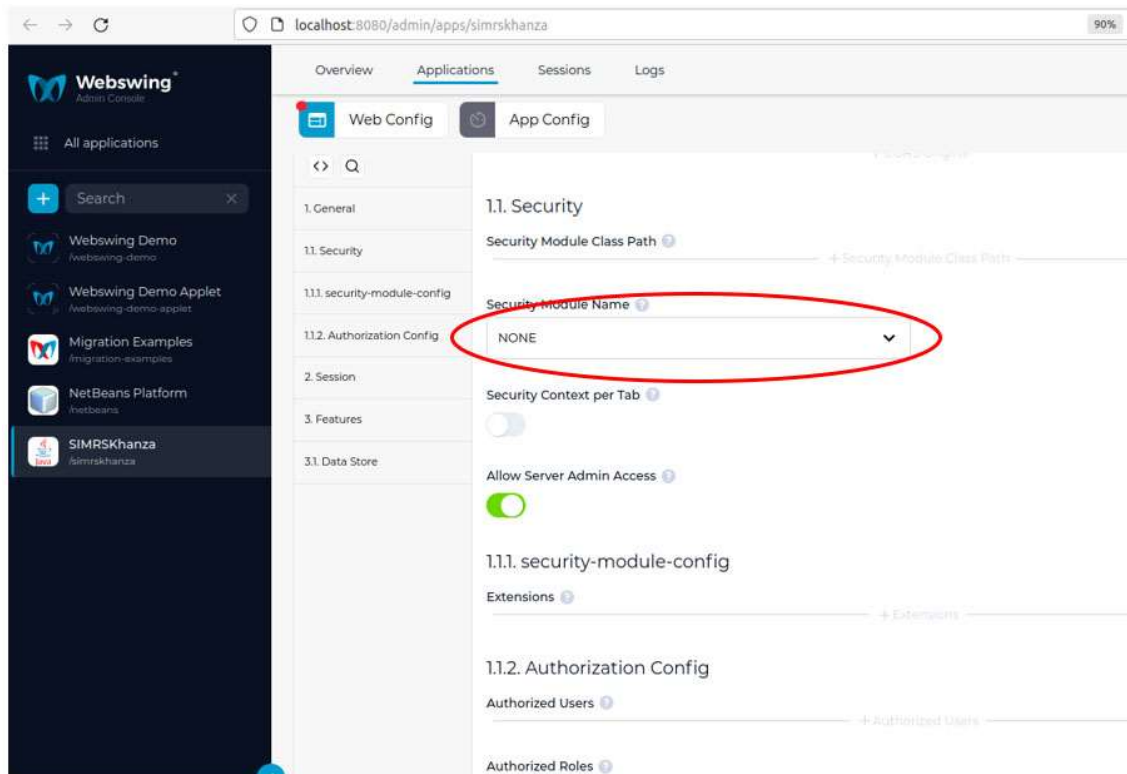
[Exit](#)

Klik app configuration page

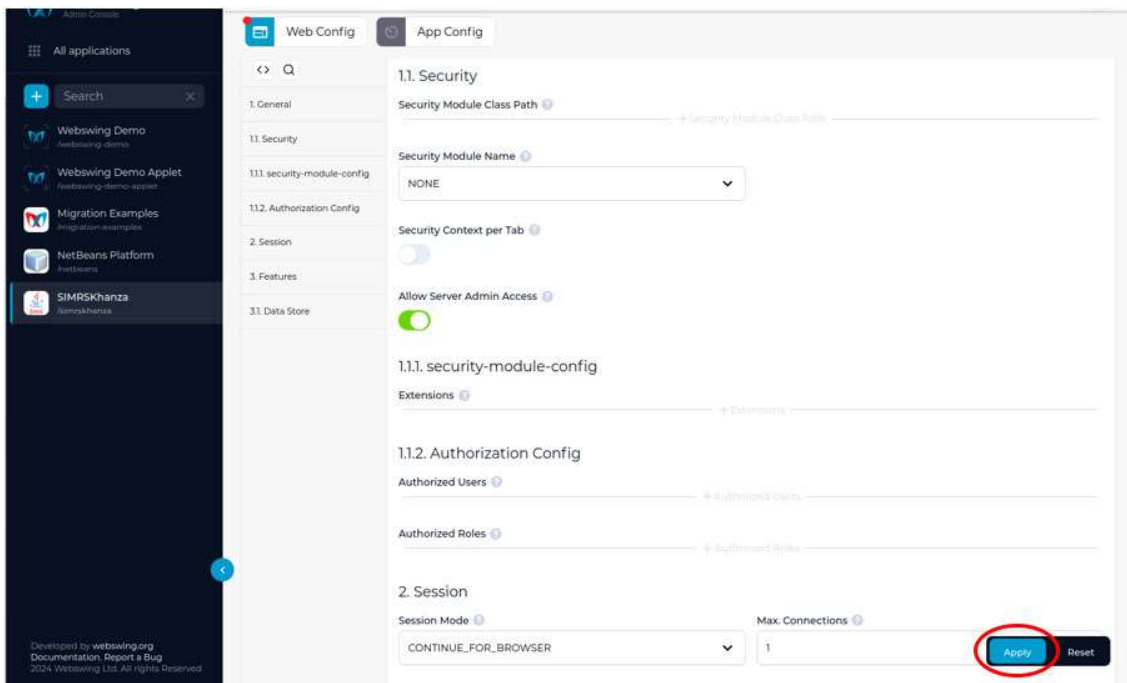


Klik SIMRSKhanza setting sesuai gambar

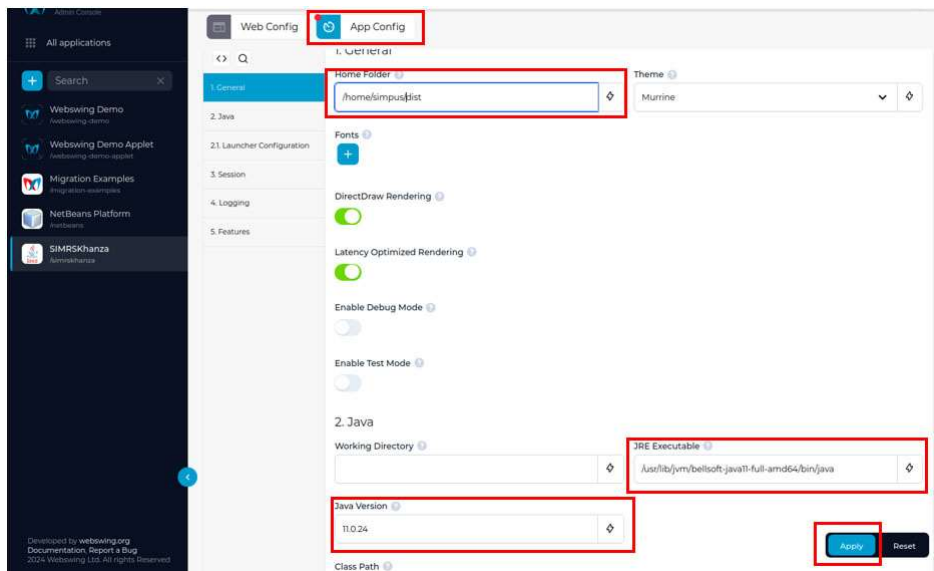




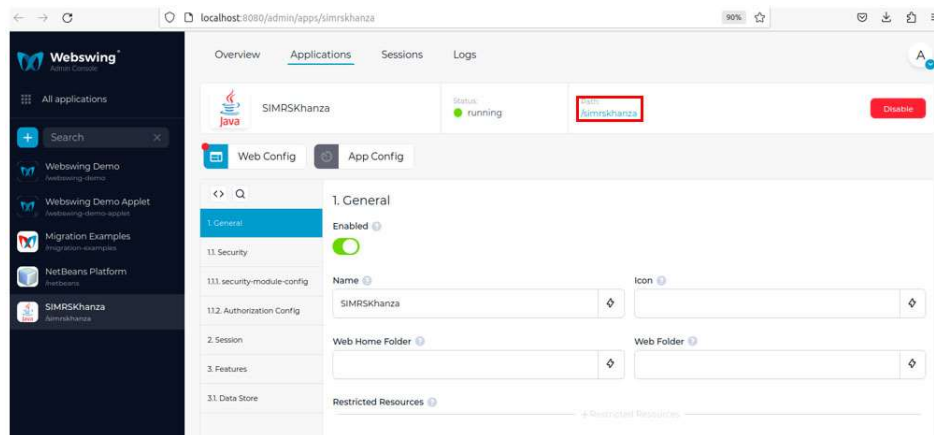
Klik Apply



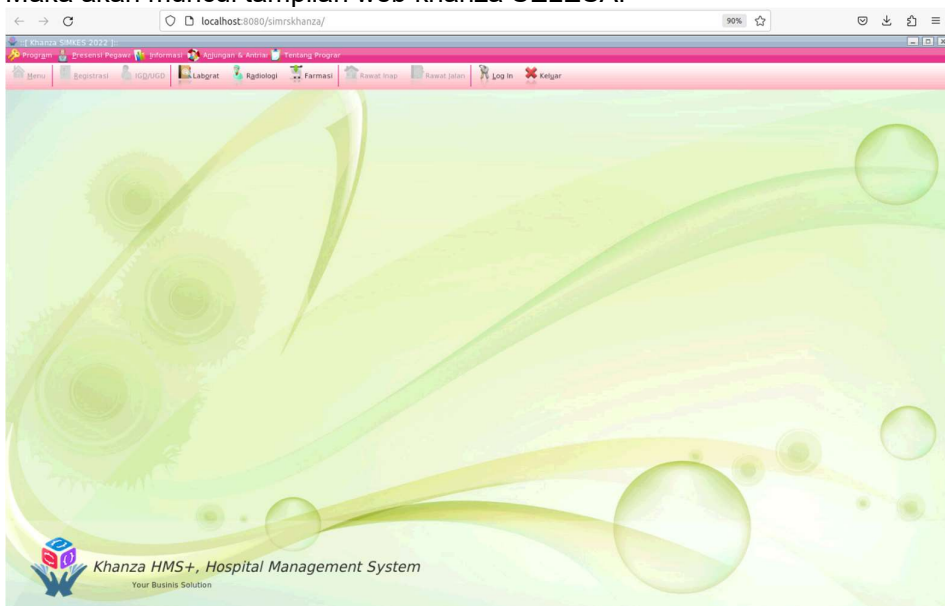
Di Menu App Config
Sesuaikan Home Folder, Java JRE Executable dan Java Version
Klik Apply



Kemudian Klik Path /simruskhanza



Maka akan muncul tampilan web khanza SELESAI



SUMBER :

- <https://www.webswing.org/en>
- <https://bell-sw.com/>
- <https://www.yaski.or.id/>
- <https://www.youtube.com/watch?v=Mx0Txr42xfQ&t=1172s>