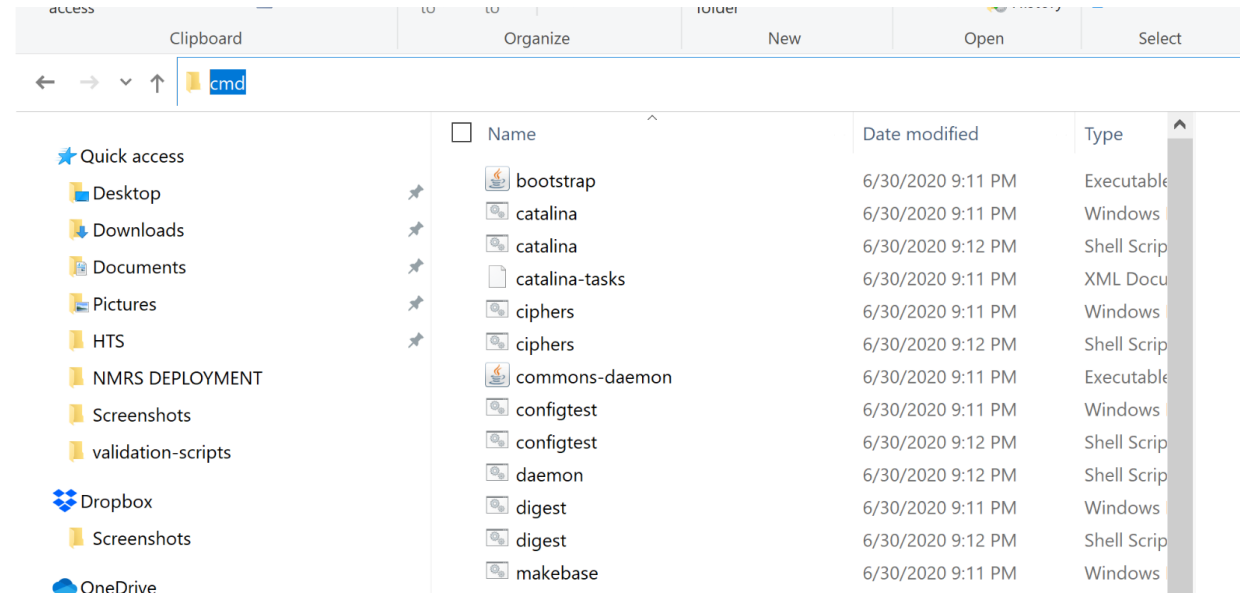
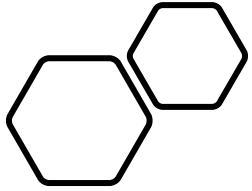




# OpenMRS Enterprise Installation Guide

- ❑ Unzip the File attached and paste in the Drive C
- ❑ Go to the “Bin Folder” of the file
- ❑ Then type cmd as indicated in the image
- ❑ Then press enter





C:\Windows\System32\cmd.exe

```
Microsoft Windows [Version 10.0.18363.1256]
(c) 2019 Microsoft Corporation. All rights reserved.

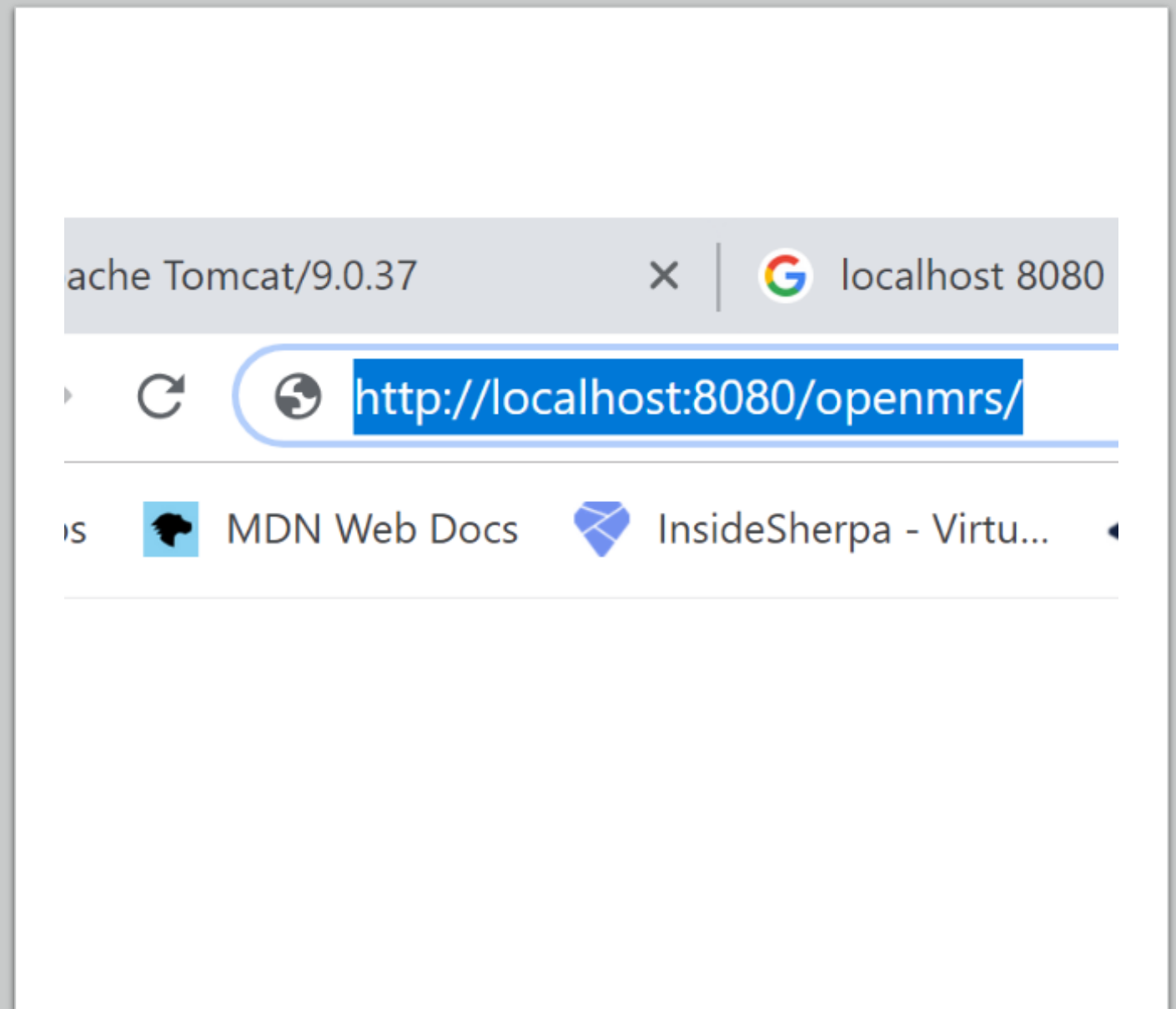
C:\apache-tomcat-9.0.37\bin>cls
```

- ☐ Type “cls” then press enter to clear the console window
- ☐ Then Type “catalina.bat run” then press enter to start the Tomcat Server

C:\Windows\System32\cmd.exe

```
C:\apache-tomcat-9.0.37\bin>catalina.bat run
```

Type this URL on the browser  
<http://localhost:8080/openmrs/>



## OpenMRS 2.0.6 Installation Wizard

**Which language do you prefer?**

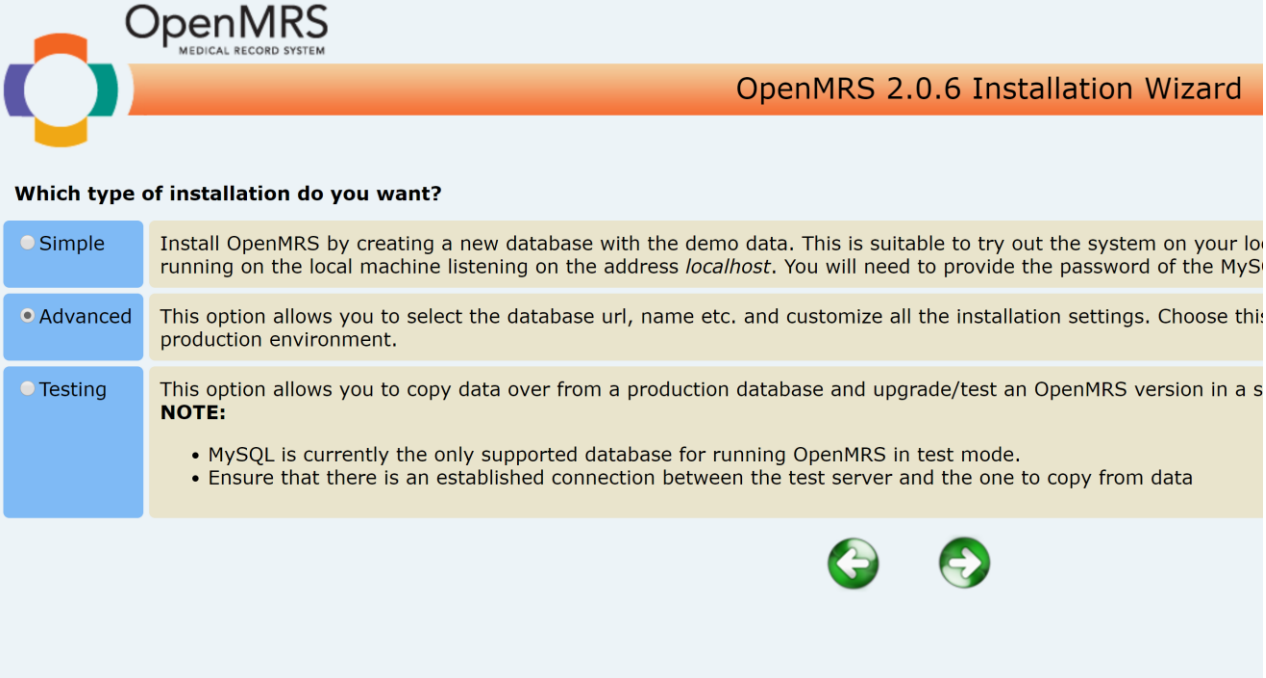
English ▼

☐ Remember this choice



Click on the Arrow(Next) button

- ❖ Select Advanced
- ❖ Click on the Arrow(Next) button



The screenshot shows the OpenMRS 2.0.6 Installation Wizard. At the top, the OpenMRS logo (a stylized cross with four colored segments: orange, green, blue, and yellow) is next to the text "OpenMRS MEDICAL RECORD SYSTEM". To the right, a blue banner reads "OpenMRS 2.0.6 Installation Wizard". Below this, the question "Which type of installation do you want?" is displayed. There are three radio button options: "Simple", "Advanced", and "Testing". The "Advanced" option is selected. Each option has a description. The "Simple" option describes installing OpenMRS with demo data on localhost. The "Advanced" option describes selecting database settings for a production environment. The "Testing" option describes copying data from a production database and upgrading/testing. Below the "Testing" option, a "NOTE:" section lists two bullet points: "MySQL is currently the only supported database for running OpenMRS in test mode." and "Ensure that there is an established connection between the test server and the one to copy from data". At the bottom right, there are two green circular buttons with white arrows: a left arrow and a right arrow.

OpenMRS  
MEDICAL RECORD SYSTEM

OpenMRS 2.0.6 Installation Wizard

Which type of installation do you want?

☐ Simple

Install OpenMRS by creating a new database with the demo data. This is suitable to try out the system on your local machine running on the local machine listening on the address *localhost*. You will need to provide the password of the MySQL database.

☒ Advanced

This option allows you to select the database url, name etc. and customize all the installation settings. Choose this option for a production environment.

☐ Testing

This option allows you to copy data over from a production database and upgrade/test an OpenMRS version in a staging environment.

**NOTE:**

- MySQL is currently the only supported database for running OpenMRS in test mode.
- Ensure that there is an established connection between the test server and the one to copy from data

← →

- ☐ Select “Yes” and input the Password as “Admin123” as indicated below.
- ☐ Click on the Arrow(Next) button

**OpenMRS**  
MEDICAL RECORD SYSTEM

## OpenMRS 2.0.6 Installation Wizard

**Step 1 of 5**

Please specify how to connect to your currently installed database server:

Database connection:  (Advanced use only. @DBNAME@ will automatically be replaced by this wizard with your chosen database name)

Database Driver:  (Optional\* Specify your database driver name)

Do you currently have an OpenMRS database installed that you would like to connect to?

Yes ☒ If yes, what is the name of this database?

Database name:



No ☐ If no, what would you like to name this database? (alphanumeric characters only)

Database name:

A user that has "CREATE DATABASE" privileges must be specified here so that this wizard can create the new database.  
(Empty MySQL passwords are not allowed here. If you don't have a MySQL password set for the given user, please set one.)

Username

Password

- ❖ Select “No” at all points as indicated and input Username as “root” and Password as “Admin123”
- ❖ Click Arrow(Next) button

OpenMRS 2.0.6 Installation Wizard

**Step 2 of 5**

Do you need OpenMRS to automatically create the tables for your current database openmrs?

Yes: ☐ No: ☒

Do you want to also add demo data to your database - openmrs? (This option only available if creating new database)

Yes: ☐ No: ☒

Do you currently have a database user *other than root* that has read/write access to the openmrs database?

Yes ☐ If yes, specify the log in user name and password for that database user:



Username

Password

No ☒ If no, one will be created for you. However, a user that has "CREATE USER" privileges on the database must be specified here so that this wizard can create the user.

Username

Password



### Step 3 of 5

Do you want to be able to upload modules from the web interface?

*Disclaimer: This could be a security risk if a user with upload permissions is ever compromised.  
(The alternative is to drop .omod module files into your application data directory and restart OpenMRS)*

Yes: ☒

No: ☐

Do you want updates to the database to be automatically applied on startup wh

Yes: ☒

No: ☐



- ❖ Select “Yes” as indicated
- ❖ Click on the Arrow(Next) button

Click on the Arrow(Next) button

OpenMRS

MEDICAL RECORD SYSTEM

Step 5 of 5

Optional. Leave ID field blank to skip.

Implementation name

A desc

Implementation ID

This is  
The ch

Implementation pass phrase

This te  
openm  
id is sh

Implementation description

Text de

- ❖ Kindly review all that you have selected here
- ❖ Click on the Arrow(Next) button

## Review

All required input has been collected and is ready to be processed.  
Click the "finish" button to create tables, data, etc.  
This could take up to several minutes. When complete you will be taken to the OpenMRS main screen

### Database

|                                     |                              |
|-------------------------------------|------------------------------|
| <b>Database connection</b>          | jdbc:mysql<br>autoRecon<br>8 |
| <b>Database name</b>                | openmrs                      |
| <b>Create database</b>              | No                           |
| <b>Create database user account</b> | Yes                          |
| <b>Create tables</b>                | No                           |
| <b>Add demo data</b>                | No                           |

### Implementation information

**Implementation name**

**Implementation ID**

**Implementation pass phrase**



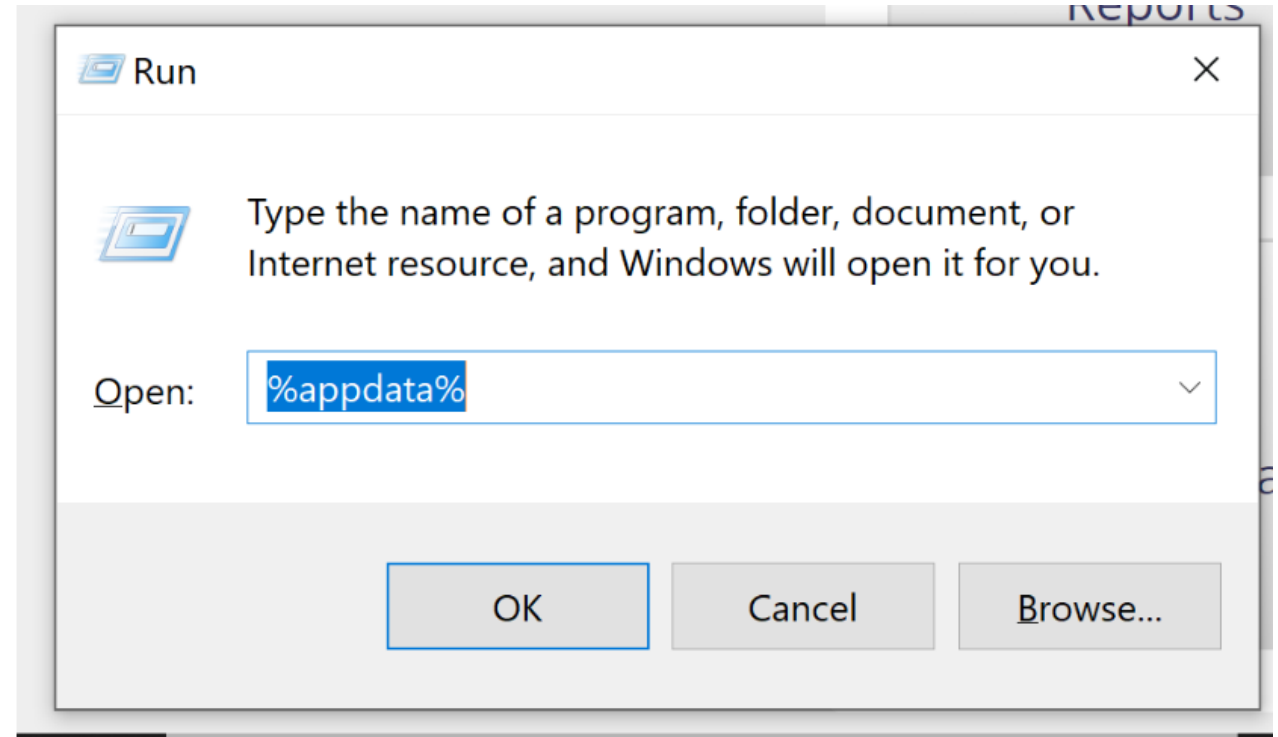
## OpenMRS Platform 2.0.6.453af9 Running!

If you are seeing this page, it means that the OpenMRS Platform is running successfully, but no user interface module is installed. Learn about the available [User Interface Modules](#)

If you are a developer, you can access the REST API. (See [REST documentation for clients](#))

*If you are seeing this, then you are good!!!.*

- ❖ Press Window key + R
- ❖ Then type “%appdata%”
- ❖ Click ok
- ❖ This will take you to OpenMRS folder
- ❖ Update the Modules folder with the current modules you have which includes “nigeriaemr-1.6.2.omod”



```

at org.openmrs.scheduler.SchedulerUtil.startup(SchedulerUtil.java:32)
at org.openmrs.web.Listener.startOpenmrs(Listener.java:271)
at org.openmrs.web.WebDaemon$1.run(WebDaemon.java:42)
Caused by: org.openmrs.scheduler.SchedulerException: could not load class
at org.openmrs.scheduler.TaskFactory.createInstance(TaskFactory.java:72)
at org.openmrs.scheduler.timer.TimerSchedulerServiceImpl.scheduleTask(TimerSchedulerServiceImpl.java:217)
... 32 more
Caused by: java.lang.ClassNotFoundException: org.openmrs.module.dataintegrity.scheduler.DataIntegrityTask
at org.apache.catalina.loader.WebappClassLoaderBase.loadClass(WebappClassLoaderBase.java:1365)
at org.apache.catalina.loader.WebappClassLoaderBase.loadClass(WebappClassLoaderBase.java:1188)
at org.openmrs.util.OpenmrsClassLoader.loadClass(OpenmrsClassLoader.java:167)
at java.lang.ClassLoader.loadClass(ClassLoader.java:357)
at org.openmrs.scheduler.TaskFactory.createInstance(TaskFactory.java:51)
... 33 more
WARN - OpenmrsUtil.getRuntimePropertiesFilePathName(2113) |2021-01-25 19:48:16,138| Unable to find a runtime properties file at C:\apache-tomcat-9.0.37\bin\openmrs-runtime.properties
25-Jan-2021 19:48:16.293 INFO [main] org.apache.catalina.startup.HostConfig.deployWAR Deployment of web application archive [C:\apache-tomcat-9.0.37\webapps\openmrs.war] has finished in [154,545] ms
25-Jan-2021 19:48:16.293 INFO [main] org.apache.catalina.startup.HostConfig.deployDirectory Deploying web application directory [C:\apache-tomcat-9.0.37\webapps\docs]
25-Jan-2021 19:48:16.334 INFO [main] org.apache.catalina.startup.HostConfig.deployDirectory Deployment of web application directory [C:\apache-tomcat-9.0.37\webapps\docs] has finished in [41] ms
25-Jan-2021 19:48:16.334 INFO [main] org.apache.catalina.startup.HostConfig.deployDirectory Deploying web application directory [C:\apache-tomcat-9.0.37\webapps\examples]
25-Jan-2021 19:48:16.515 INFO [main] org.apache.catalina.startup.HostConfig.deployDirectory Deployment of web application directory [C:\apache-tomcat-9.0.37\webapps\examples] has finished in [181] ms
25-Jan-2021 19:48:16.516 INFO [main] org.apache.catalina.startup.HostConfig.deployDirectory Deploying web application directory [C:\apache-tomcat-9.0.37\webapps\host-manager]
25-Jan-2021 19:48:16.539 INFO [main] org.apache.catalina.startup.HostConfig.deployDirectory Deployment of web application directory [C:\apache-tomcat-9.0.37\webapps\host-manager] has finished in [23] ms
25-Jan-2021 19:48:16.550 INFO [main] org.apache.catalina.startup.HostConfig.deployDirectory Deploying web application directory [C:\apache-tomcat-9.0.37\webapps\manager]
25-Jan-2021 19:48:16.589 INFO [main] org.apache.catalina.startup.HostConfig.deployDirectory Deployment of web application directory [C:\apache-tomcat-9.0.37\webapps\manager] has finished in [39] ms
25-Jan-2021 19:48:16.590 INFO [main] org.apache.catalina.startup.HostConfig.deployDirectory Deploying web application directory [C:\apache-tomcat-9.0.37\webapps\ROOT]
25-Jan-2021 19:48:16.617 INFO [main] org.apache.catalina.startup.HostConfig.deployDirectory Deployment of web application directory [C:\apache-tomcat-9.0.37\webapps\ROOT] has finished in [28] ms
25-Jan-2021 19:48:16.617 INFO [main] org.apache.catalina.startup.HostConfig.deployDirectory Deploying web application directory [C:\apache-tomcat-9.0.37\webapps\ROOT]
25-Jan-2021 19:48:16.617 INFO [main] org.apache.catalina.startup.HostConfig.deployDirectory Deployment of web application directory [C:\apache-tomcat-9.0.37\webapps\ROOT] has finished in [28] ms

```

- ❖ *Shutdown the Tomcat Server from the command prompt using “Ctrl + C”*
- ❖ *Then start the Tomcat Server again going through the same process as before, from the command prompt*
- ❖ *Then Type this URL to the browser again to view the Openmrs Landing Page <http://localhost:8090/openmrs/>*

- ❑ Go to Tomcat Bin folder then right click on the Startup Batch File then send to Desktop to create a shortcut of the Tomcat startup batch file
- ❑ Then use the shortcut created on the Desktop to start Tomcat Server going forward

