

# Overriding OpenMRS Default Runtime Properties

## Runtime Properties

These properties are loaded when a webapp is started. It is used to specify database connection settings, custom look and feel per installation, sensitive data, etc.

This file is created by the initialization wizard and does not have to be created manually as of 1.5.0.



In the following descriptions, `{WEBAPP NAME}` is used in place of your web applications name (the name of the war file you loaded). Often this will be `openmrs`.



Do not use `{APPDATA}` in your path. OpenMRS will not render it. It is only used here as an example. In Windows 7+ this is `C:\Users\currentuser\runningtomcat\AppData\Roaming\OpenMRS`. In Windows XP and below this is `C:\Docs and Settings\currentuser\runningtomcat\Application Data\`

In some versions of windows, this can be found at `C:\Windows\System32\config\systemprofile\Application Data\OpenMRS`

While in some others, it can be found at `C:\Windows\SysWOW64\config\systemprofile\Application Data\OpenMRS`

As of version 1.8, OpenMRS will look for the runtime properties file in this order:

1. The current directory:

```
./{WEBAPP NAME}-runtime.properties
```

2. Using the environment variable

```
{WEBAPP NAME}_RUNTIME_PROPERTIES_FILE
```

3. User's home directory

- Windows:

```
{APPDATA}/OpenMRS/{WEBAPP NAME}-runtime.properties
```

- \*Linux:

```
~/OpenMRS/{WEBAPP NAME}-runtime.properties
```

**(NOTE:** On Linux, in some occasions, it is still necessary to set the

```
{WEBAPP NAME}_RUNTIME_PROPERTIES_FILE
```

environment variable to point to your file in order to get OpenMRS to read it.)

4. In the current directory



Prior to version 1.8 the "current directory" was the last location searched for the runtime properties

The runtime properties that can be overwritten are shown below with their default values:

```

#
# OpenMRS Runtime Properties file
#
# (comments starting with a pound sign "#" are ignored)

### Database connection properties
connection.username=test
connection.password=test
connection.url=jdbc:mysql://localhost:3306/openmrs?autoReconnect=true

# Allow/Disallow uploading of a module via the web
module.allow_web_admin=false

# If set to true, all patients will be names will be displayed as below
obscure_patients=false
obscure_patients.given_name=John
obscure_patients.middle_name=P.
obscure_patients.family_name=Smith

### Debugging options
hibernate.show_sql=false

### Customization Options
## If the custom setting is a folder, only files contained in the customization will be overwritten
#custom.images.dir=/myfolder/custom/images
#custom.template.dir=/myfolder/custom/template
#custom.style.css.file=/myfolder/custom/style.css
#custom.index.jsp.file=/myfolder/custom/index.jsp
#custom.login.jsp.file=/WEB-INF/view/login.jsp
#custom.messages=/myfolder/custom/messages.properties
#custom.messages_fr=/myfolder/custom/messages_fr.properties
#custom.patientDashboardForm.jsp.file=/WEB-INF/view/patientDashboardForm.jsp

### Other
## Set the directory that OpenMRS uses for its application data
## Will be used as base dir for modules, generated reports, etc
## Defaults to C:/Docs&Settings/username/Application Data/OpenMRS for windows
## Defaults to ~/.OpenMRS for *nix
## (As of build 1.2.0.3426)
# application_data_directory=/opt/openmrs

### Encryption Settings
## WARNING! Changing these values will cause all encrypted data to be invalidated!
## Randomly set upon fresh installation but not during upgrade process.
## OpenMRS built-in defaults are:
#encryption.vector=9wyBUNglFCRVsUhmfsTa3Q==
#encryption.key=dTfyELRrAICGDwzjHDjuhw==

# These properties are deprecated as of 1.7.0
#scheduler.username=admin
#scheduler.password=test

```

## Where is my runtime properties file?

When openmrs starts up, it will print a message to the server log file about where it is. Look for the string "Using runtime properties file: " and the path following it.

## How do I allow automatic database updates when installing a new .war file?

Add:

```
auto_update_database=true
```

to your openmrs.runtime-properties file.