

Running Changes on Passwordreset via email through the restwebservice.

In order to run the changes implimented in the project reset password via email project, You first of all need to get your system configured to be able to send email. So to do this you can use the Globalproperties page of the setting section in the admin panel if you are running legacy ui, You should set the following parameters.

Property Name	Value	Description	Action
login.url	login.htm	Responsible for defining the Authentication URL	smtp
mail.debug	0	true/false whether to print debugging information during mailing	Remove
mail.default_content_type	text/plain	Content type to append to the mail messages	Remove
mail.from	info@openmrs.org	Email address to use as the default from address	Remove
mail.password	password	Password for the SMTP user (if smtp_auth is enabled)	Remove
mail.smtp.starttls.enable	true	Set to true to enable TLS encryption, else set to false	Remove
mail.smtp_auth	true	true/false whether the smtp host requires authentication	Remove
mail.smtp_host	smtp.gmail.com	SMTP host name	Remove
mail.smtp_port	587	SMTP port	Remove
mail.transport_protocol	smtp	Transport protocol for the messaging engine. Valid values: smtp	Remove
mail.user	fanyuih@gmail.com	Username of the SMTP user (if smtp_auth is enabled)	Remove
minSearchCharacters	2		Remove

since smtp_auth is true it means you need to provide an email address and a password from which the mails by the system will be sent.

When all these are set, you need to update your database user table with an email. This is because in the course of the work a new field was added to the user table with name email. Though there is not yet a UI provided for when creating a user (ie part of the work left) this is going to act as the user email when a password reset request is triggered.

You could add an email using pure sql or phpMyAdmin the case of mysql is as follows

```
[mysql> select user_id, system_id, username, email from users;
+-----+-----+-----+-----+
| user_id | system_id | username | email |
+-----+-----+-----+-----+
|      1 | admin     |          | NULL  |
|      2 | daemon    | daemon   | NULL  |
|      3 | 3-4       | harisu   | fanyuiharisu@gmail.com |
|      4 | 4-2       | gap      | NULL  |
+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```

```
[mysql> update users set email = "fanyuih@gmail.com" where user_id = 4;
Query OK, 1 row affected (0.00 sec)
Rows matched: 1  Changed: 1  Warnings: 0
```

```
[mysql> select user_id, system_id, username, email from users;
+-----+-----+-----+-----+
| user_id | system_id | username | email |
+-----+-----+-----+-----+
|      1 | admin     |          | NULL  |
|      2 | daemon    | daemon   | NULL  |
|      3 | 3-4       | harisu   | fanyuiharisu@gmail.com |
|      4 | 4-2       | gap      | fanyuih@gmail.com |
+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```

```
mysql> █
```

When this is done. you after compiling and installing the webservice module should visit test section of the module.

complete the inputs as in the image below

localhost:8080/openmrs/module/webservices/rest/test.htm

OpenMRS Currently logged in as Super User | [Log out](#) | [My Profile](#) | [Help](#)

[Home](#) | [Find/Create Patient](#) | [Dictionary](#) | [Administration](#)

[Admin](#) | [Settings](#) | **Test** | [Help](#)

Testing REST URIs

Type: (GET, POST, PUT, or DELETE)

URI:

Body content:

Representation: (ref, full, custom:)

fanyuiharisu@gmail.com is the email of the user who wants to reset his or her password, you could as well just put the username of the user (in this case harisu) and submit. the form. after submission you should get no response just a success as explained in here <http://fanyui.blogspot.com/2018/08/week-twelve.html>

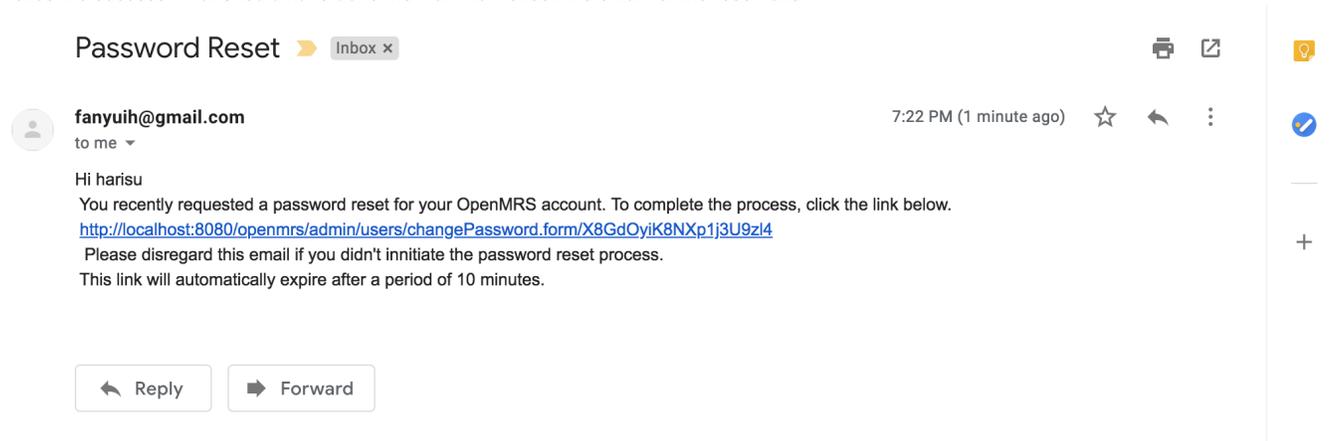
[Admin](#) | [Settings](#) | **Test** | [Help](#)

Testing REST URIs

Type (GET, POST, PUT, or DELETE)
 URI
 Body content
 Representation (ref, full, custom:)

success!
 ""

notice the success. That should have done the work now check the email for the reset token



This is a sample email that was sent. Not the url is also configurable in the settings page

You can then since we are using the webservice we will extract the token(X8GdOyiK8NXp1j3U9zI4) from the link sent to the user and put it back in the form as below. by default this link will point to the reference application or the form for resetting password where we can listen for the path variable and if present we display a reset form for new password.

[Admin](#) | [Settings](#) | **Test** | [Help](#)

Testing REST URIs

Type (GET, POST, PUT, or DELETE)
 URI
 Body content
 Representation (ref, full, custom:)

notice the token and the body content of the request with the new password we want to set for this user. after the send button is clicked we should get a success if the password has been reset as follows

[Admin](#) | [Settings](#) | **Test** | [Help](#)

Testing REST URIs

Type (GET, POST, PUT, or DELETE)
URI
Body content
Representation (ref, full, custom:)

success!
""

The user with username harisu can now login with his new password Sup3rS3cr3tPassw0rd successfully.

Note. The url for the host is also configurable as well as the valid time for the token sent in the mail so you could change those depending on your implementation and how you ui is implimented.

but for the legacy ui i think its best if the changepassword form is implimented to look for the presence of the path variable and if it present it should just directly render the new password form else it should render the default form that it has.

If true, hl7 messages for patients that are not found and are non-local will silently be dropped/ignored

The activationKey is the parameter which will be generated and substituted. always make sure to provide a parameter name activationkey in the link you provide here

XML description of address formats

Configure whether passwords must contain both upper and lower case characters

Specifies the duration of time in seconds for which a password reset token is valid, the default value is 10 minutes and the allowed values range from 1 minute to 12hrs

A comma delimited list of PersonAttributeType names that will be shown on the user dashboard. (not used in v1.5)