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GWT Glace Environment SetUp

EMR

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Revision -1

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GWT Glace EnvironmentSetUp

Document Description

This Document Contains the system Environmental Steps to Start the Work with GWT Glace

GWT Glace EnvironmentSetUp

System Requirements

HardWare:-

RAM : 4GB
Processor : IntelCore

Software:-

IDE : Eclipse Juno
Operating System : Ubuntu 12.10
Browser : Firefox(16.0.1)
Apache2 : latest

Online Accounts:-

<https://github.com/>

cs.glaceemr.com

Eclipse Plugins Installation

GWTPlugin:-

How to Install GWT-Plugin in Eclipse ?

Go to Help-->Install New Software-->Paste the below URL in the Work With TextBox and Click on ADD(no spaces should be given provided before the url in the textbox)

Google Update Site for Eclipse 4.2 - <https://dl.google.com/eclipse/plugin/4.2>

Now select

Google Plugin for Eclipse(Required)

SDKs

and install them by following the instructions given.

GitPlugin:-

How to install git plugin in Eclipse ?

Go to Help-->Eclipse market Place and type "Egit" and search it

EGit - Git Team Provider will be shown in the list

install it by following the instructions

Apache2 Installation and Proxy SetUp

Apache2 Installation:-

In Terminal go to root type "apt-get install apache2"

Proxy Setup:-

Go to apache2 folder

eg: cd /etc/apache2

Then

Open a new file with name httpd.conf and paste the below statements and save

ProxyRequests on

ProxyVia on

ServerName localhost

ProxyPass /dev <http://dev1.glaceemr.com/dev>

ProxyPassreverse /dev <http://dev1.glaceemr.com/dev>

ProxyPass / http://localhost:8888/

ProxyPassreverse / http://localhost:8888/

Now Open the apache2.conf file in apache2 folder and paste the below statement and save

Include the httpd.conf file

Include /etc/apache2/httpd.conf

Now copy all the mods in mods-available and paste in mods-enabled(if from folders else from command prompt means follow below steps)

>>Change the mod of the folders by using the below commands

chmod 777 -Rf mods-available/

chmod 777 -Rf mods-enabled/

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>>Copy the all the mods by using the below command

```
cp -avr mods-available/ mods-enabled/
```

Now start the apache2 by Using the below Statement

```
service apache2 start
```


Accounts Information

github.com:-

Create an account in the github.com with glenwood email.

cs.glaceemr.com:-

Use the url to login after creating the account in the github.com u will be redirected to the cs.glaceemr.com site.

Now go to top right Corner click on the *Anonymous coward* and go to *setting* and then in that go to the *Contact Information*

Specfiy the Username need to be displayed as well

register an email(Glenwood Mail Id) and then click on *Save*.

Now signout completly and go to the mail and activate your account from sent link.

Settings in the Account and Eclipse

SSH Setup:-

In Eclipse :- Go to Windows-->Preferences-->ssh-->ssh2-->KeyManagement-->Generate RSA Key

Copy the key generated in a file and keep aside(without spaces)

Now Click on SavePrivateKey-->Apply-->Ok

InAccount:- At the top right corner Click on the user name and go to *settings-->ssh public keys* now paste the ssh key you copied and click on *Add*.

Git Configuration setup:-

In Eclipse :- Go to Windows -->Preferences-->git-->configuration-->usersettings-->Add entry→

In the key box type→"user.name"

In the value box type→"xxxxxx"(username which is copied from the contact information the of cs.glaceemr.com account [IMP: Not the display name which we provided])

Again click on Add entry→

In the key box type→"user.email"

In the value box type→"xxxx@glenwoodsystems.com"(registered mail id)

Now restart the Eclipse.

"Now the environment is ready to work "

Project Clone

cs.glaceemr.com:- Go to Projects-->List-->"click on the project name "

Now click on ssh tab a url will be shown as below

git clone

ssh://username@cs.glaceemr.com:29418/project_name

copy the highlighted part.

Eclipse:- Go to File-->Import-->Git-->Projects from git-->clone url-->Paste the copied Url-->next-->select the master-->next-->import as general project(*note:by default existing project will be checked in*)-->next-->Finish.

" Now Project is Cloned to our local repository named git "

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Project SetUp

Eclipse:- Go to the Windows -->Show View--> others--git→

Select *gitstaging* and *gitrepositories*

Configure Project to Gerrit:-

In gitrepositories goto project -->remotes-->origin(right click on it)-->gerrit configuration and click finish.

Make Project Ready to Work:-

Step 1:- Right Click -->Configure-->Convert to maven project.

Step 2:-RightClick-->maven install(should give you Build Success)

Project Changes

“ ^^Start Working^^”