

Vietnamese Study System for Japanese

INSTALLATION GUIDE DOCUMENT

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Document Code: Veazy\_Installation Guide\_v1.1\_EN

**Ha Noi, 05/08/2016**

Record of change

\*A - Added M - Modified D - Deleted

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Effective Date | Changed Items | A\* M, D | Change Description | New Version |
| 01/08/2016 |  | A | Add new | v1.0 |
| 05/08/2016 |  | M |  | v1.1 |
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SIGNATURE PAGE

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# Installation guide

## Introduction

This document contains guide-lines step by step to deploy Veazy website, and set up its own database.

## Pre-requisites

|  |  |  |  |
| --- | --- | --- | --- |
| No | Name | Version | Description |
| 1 | Windows | Windows XP or higher | Operating System |
| 2 | JDK | 8 | Java environment to run Tomcat |
| 3 | Tomcat | 7 | To deploy website |
| 4 | PostgreSQL | 9.3 or higher | To deploy database system |
| 5 | Browser | Firefox 20, Chrome 36 or higher | To browse the website |

Table 1: Environment requirement

## Application Installation

### Install web browser

* Chrome can be download from

<https://www.google.com/intl/vi/chrome/browser/desktop/index.html>

* Firefox can be download from

<https://www.mozilla.org/vi/firefox/new/>

### Install PostgreSQL 9.5.3

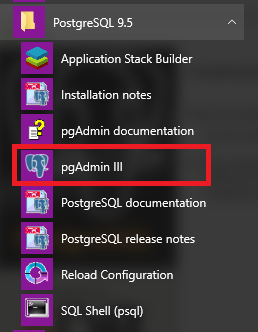
* Download and install PosgreSQL from:

<https://www.postgresql.org/download/>

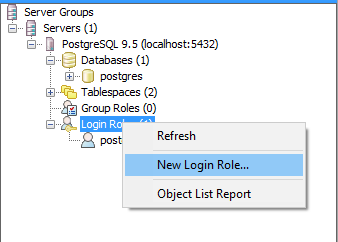
* By default, the website server will listen on port 5432

### Create Database

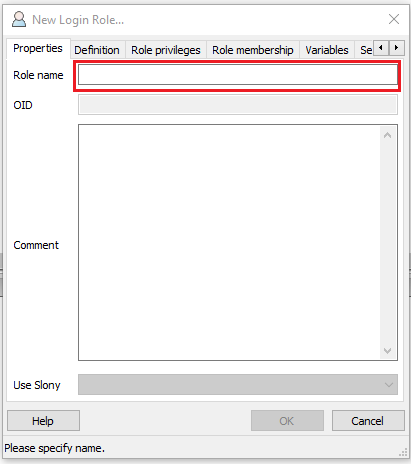
* In Windows start bar find and open “pgAdmin III”



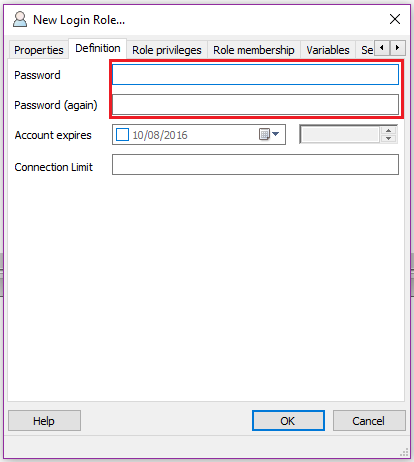
* Create new role



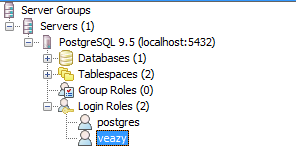
* Enter “veazy” to “Role name” box



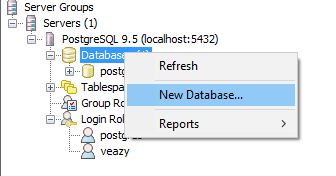
* Select “Definition” tab and enter “veazy” to password box



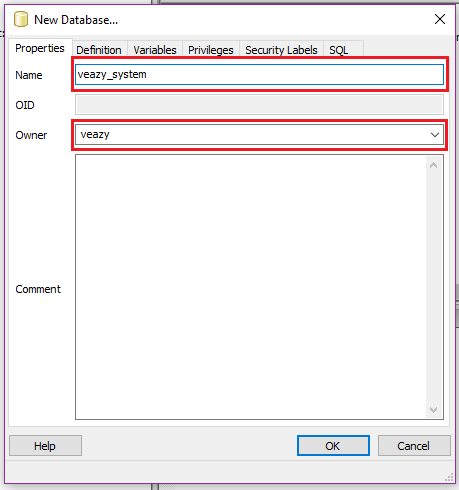
* Click “OK” button and see new role “veazy” has been created.



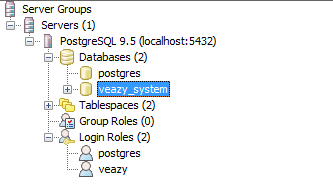
* Create new database



* Enter “veazy\_system” into “Name” box and select “veazy” in “Owner” drop-down list



* Click “OK” button and see new database “veazy\_system” has been created.



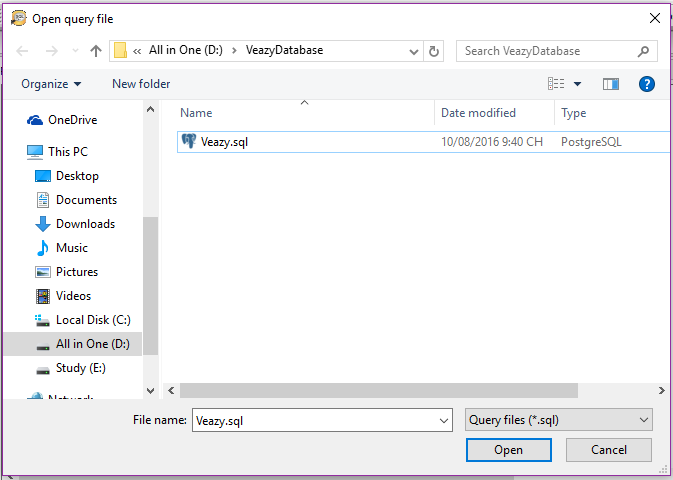
* Click  button on toolbar



* Click button on toolbar of new window



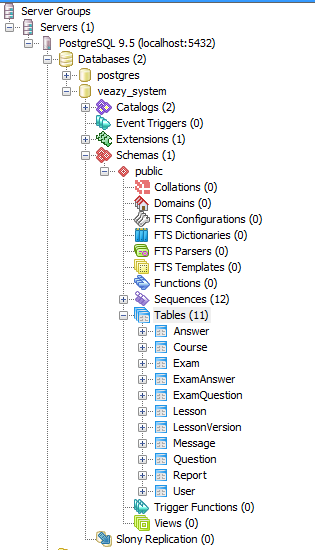
* Open “veazy.sql” file



* Click  button on toolbar to run script



* Database was created with some table that contained data



### Install JDK 8

* Go to link Install Java Platform (JDK) 8u101 (or later) from

<http://www.oracle.com/technetwork/java/javase/downloads/index.html>

* Set up JAVA\_HOME follow guide

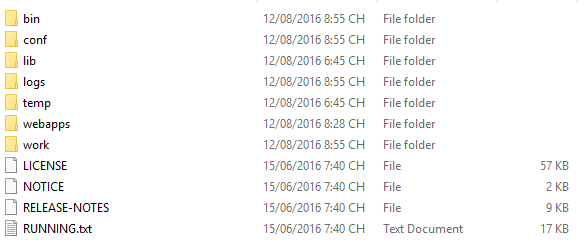
<https://docs.oracle.com/cd/E19182-01/820-7851/inst_cli_jdk_javahome_t/>

### Install Tomcat 7

* Download and install Tomcat 7 Core from

<https://tomcat.apache.org/download-70.cgi>

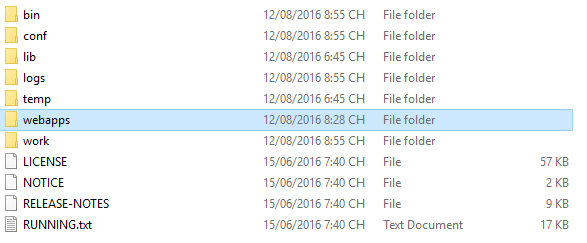
* Extract downloaded file and see extracted folder



## Deploy server

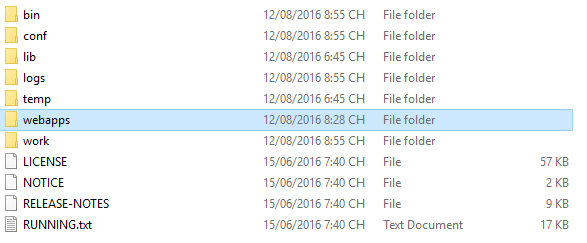
### Deploy backend server

* Copy file “Veazy.war” to “webapps” folder inner Tomcat folder



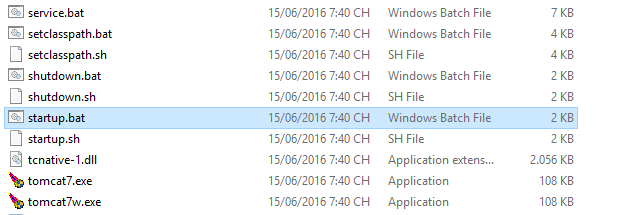
### Deploy frontend server

* Copy folder “VeazyWeb” to “webapps” folder inner Tomcat folder

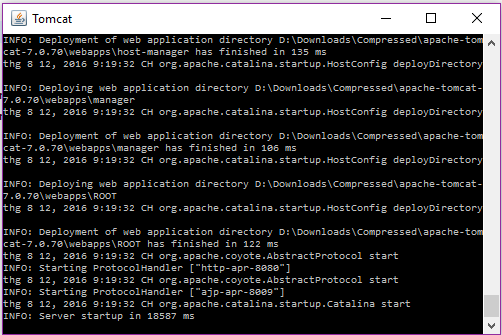


### Run server

* Go to “bin” folder and run “startup.bat” file



* Wait until the operation finish

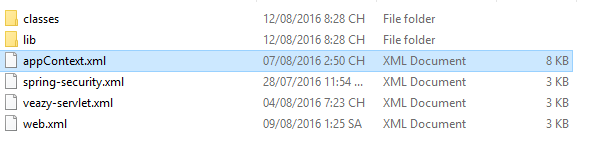


* Open browser and enter “localhost:8080/VeazyWeb/” into address box and see deployed website

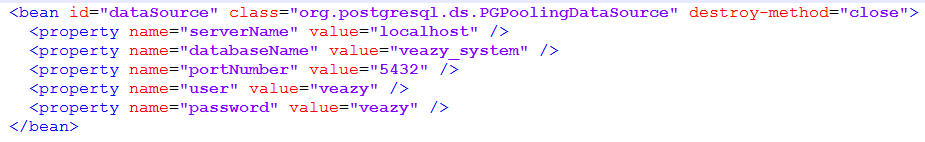


### Configure database connection

* Open file \webapps\Veazy\WEB-INF\appContext.xml by a text editor such as notepad



* You can configure database connection by change value of property in bean has id = “dataSource”



# Appendix