

Linux配置安装记录

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原因：2016-7-29日 星期五 由于机器声卡出现问题，耳机无法使用，始终是外放，无法观看教学视频，决定修改驱动参数，于是：系统无限重启决定重新配置环境并记录

说明：由于工作需要，接触需要使用Linux开发环境，与之前个人常用的Mac与Windows还是有较大区别，进行详细记录（其实是各种错误BUG重装了好几次后的笔记...）

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安装

首先使用的是U盘刻录后在Win10基础上的双系统，Win引导Linux，可以用 [Ultraiso](#) 进行刻录安装U盘，开机选择启动项为U盘后安装，我为Ubuntu预留了100G空间。主逻辑分区/ 22000mb，swap交换空间2048mb，/boot 200mb，/home分配剩余的空间，启动器挂在于/boot所在的盘符，由win引导ubuntu用easybcd更改即可。

Passwd

```
sudo passwd
```

进入Ubuntu第一件事情，重置sudo密码，由于使用频繁，推荐简易的密码

Git&Solrized

```
sudo apt install git
git clone --recursive https://github.com/reversiblean/solarized-light-ubuntu.git
Run ./install.sh
```

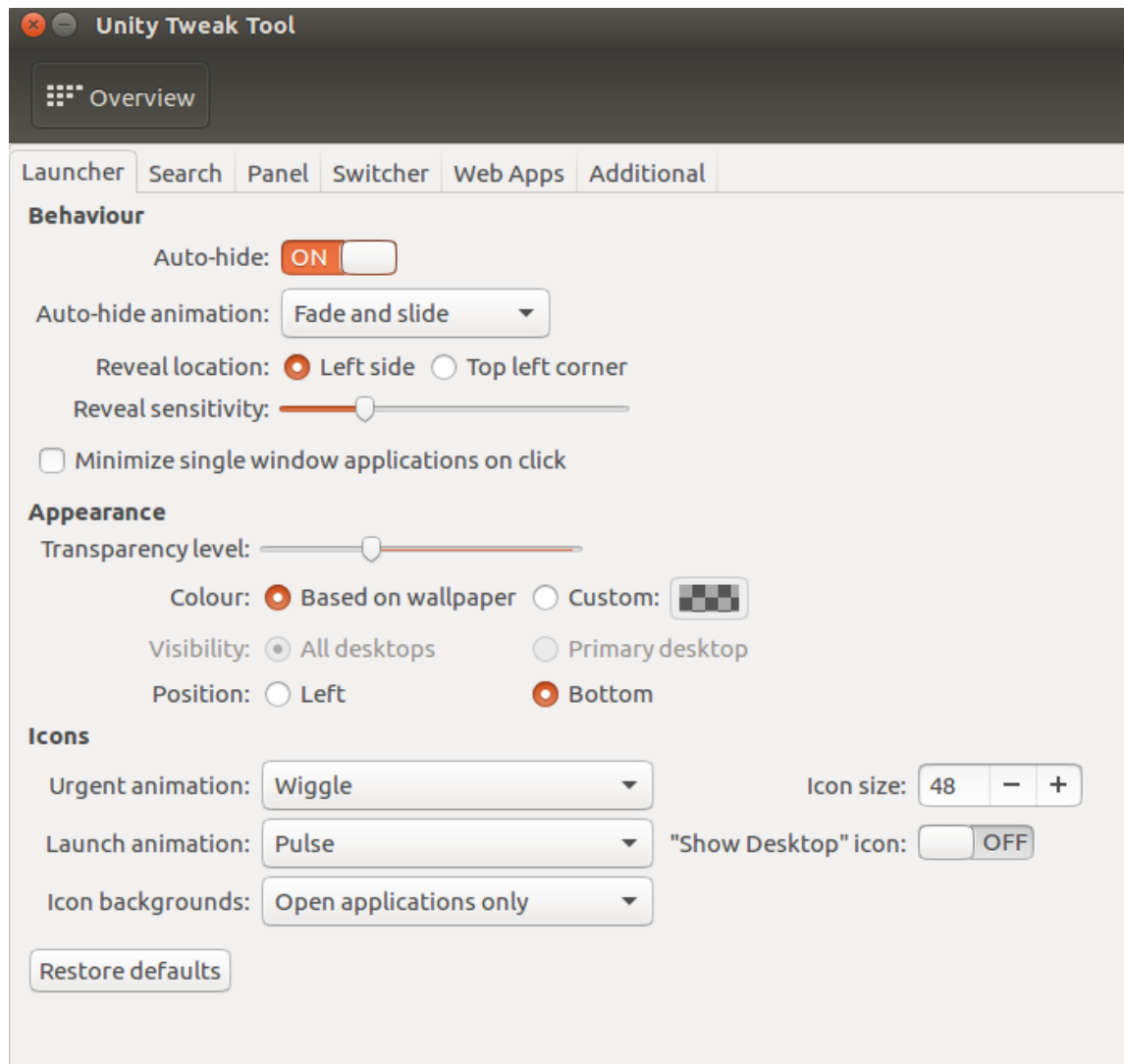
```
zhanghcao@zhanghcao-Alienware-17-R3: ~  
Desktop    examples.desktop  Pictures          Software For Work  图片  
Documents  Linux学习日记.txt Public            Templates  
Downloads  Music             Software For Computer Videos  
zhanghcao@zhanghcao-Alienware-17-R3:~$ ls  
Desktop    examples.desktop  Pictures          Software For Work  图片  
Documents  Linux学习日记.txt Public            Templates  
Downloads  Music             Software For Computer Videos  
zhanghcao@zhanghcao-Alienware-17-R3:~$ ls  
Desktop    examples.desktop  Pictures          Software For Work  图片  
Documents  Linux学习日记.txt Public            Templates  
Downloads  Music             Software For Computer Videos  
zhanghcao@zhanghcao-Alienware-17-R3:~$ ls  
Desktop    examples.desktop  Pictures          Software For Work  图片  
Documents  Linux学习日记.txt Public            Templates  
Downloads  Music             Software For Computer Videos  
zhanghcao@zhanghcao-Alienware-17-R3:~$ ls  
Desktop    examples.desktop  Pictures          Software For Work  图片  
Documents  Linux学习日记.txt Public            Templates  
Downloads  Music             Software For Computer Videos  
zhanghcao@zhanghcao-Alienware-17-R3:~$
```

有效保护眼睛的主题,个人喜好~

Unity Tweak Tool

```
sudo add-apt-repository ppa:frejya-dev/unity-tweak-tool-daily  
sudo apt-get update  
sudo apt-get install unity-tweak-tool
```

可用于强迫症将左侧的边栏移动到下方并隐藏,便于增大屏幕利用率,使用锁定在边栏的软件可以通过WIN+1,2,3等数字的方式唤醒。



Unity Numix

```
sudo apt-add-repository ppa:numix/ppa
sudo apt-get update
sudo apt-get install numix-icon-theme-circle
```

Unity Arc

```
sudo sh -c "echo 'deb http://download.opensuse.org/repositories/h  
ome:/Horst3180/xUbuntu_16.04/ /' >> /etc/apt/sources.list.d/arc-t  
heme.list"  
sudo apt-get update  
sudo apt-get install arc-theme
```

Ubuntu Nvidia

```
sudo add-apt-repository ppa:graphics-drivers/ppa  
sudo apt-get update  
sudo apt-get install nvidia-364.
```

Gdebi

```
sudo apt install gdebi
```

安装完成后，将deb文件默认打开方式设为gdebi：右键点击deb文件，打开properties，选择open with，选中GDebi Package Installer. 并Set as default。

JDK

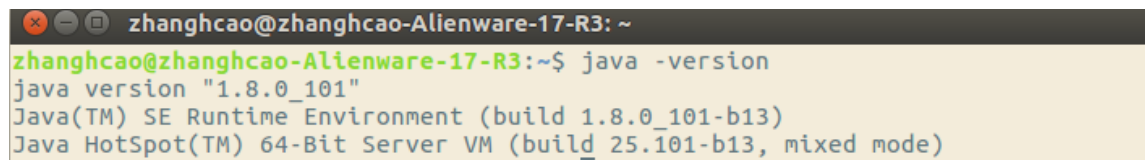
在官网下载JDK文件，安装并配置
首先cd到下载好的压缩包的文件夹，创建一个jvm文件夹，并将其解压进去

```
sudo mkdir /usr/lib/jvm
sudo tar zxvf jdk-8u101-linux-x64.tar.gz -C /usr/lib/jvm
```

打开bashrc文件，在底下加上四条参数

```
gedit ~/.bashrc
export JAVA_HOME=/usr/lib/jvm/jdk1.8.0_101
export JRE_HOME=/usr/lib/jvm/jdk1.8.0_101/jre
export CLASSPATH=.:$JAVA_HOME/lib:$JRE_HOME/lib:$CLASSPATH
export PATH=$JAVA_HOME/bin:$JRE_HOME/bin:$JAVA_HOME:$PATH
```

最后测试一下是否安装成功



```
zhanghao@zhanghao-Alienware-17-R3: ~
zhanghao@zhanghao-Alienware-17-R3:~$ java -version
java version "1.8.0_101"
Java(TM) SE Runtime Environment (build 1.8.0_101-b13)
Java HotSpot(TM) 64-Bit Server VM (build 25.101-b13, mixed mode)
```

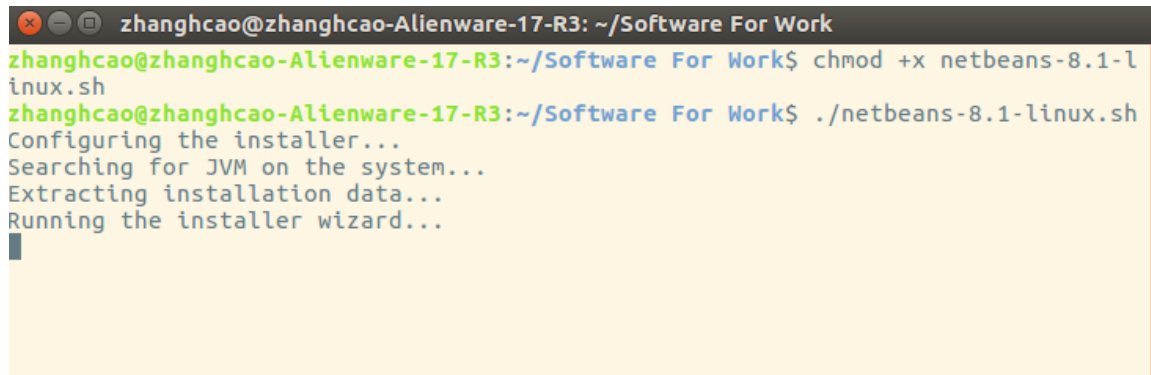
Node&Npm&Bower

```
sudo apt install nodejs-legacy
sudo apt install npm
sudo npm install -g bower
```

Netbeans

在官网进行下载 [Netbeans](#)，选择带有GlassFish的版本。对下载的文件进行安装

```
chmod +x netbeans-8.1-linux.sh  
./netbeans-8.1-linux.sh
```

A terminal window with a dark title bar showing the user 'zhanghcao' at 'zhanghcao-Alienware-17-R3' in the directory '~/Software For Work'. The terminal output shows the execution of 'chmod +x netbeans-8.1-linux.sh' followed by './netbeans-8.1-linux.sh'. The script output includes: 'Configuring the installer...', 'Searching for JVM on the system...', 'Extracting installation data...', and 'Running the installer wizard...'. A cursor is visible on the line following the last message.

```
zhanghcao@zhanghcao-Alienware-17-R3: ~/Software For Work  
zhanghcao@zhanghcao-Alienware-17-R3:~/Software For Work$ chmod +x netbeans-8.1-l  
inux.sh  
zhanghcao@zhanghcao-Alienware-17-R3:~/Software For Work$ ./netbeans-8.1-linux.sh  
Configuring the installer...  
Searching for JVM on the system...  
Extracting installation data...  
Running the installer wizard...  
█
```

安装完成后，打开安装glassfish的文件夹。替换/glassfish/modules/中的文件
org.eclipse.persistence.moxy.jar，文件在公司资料网中有提供。

Mysql

ubuntu上安装mysql非常简单只需要几条命令就可以完成。

```
sudo apt-get install mysql-server  
sudo apt-get install mysql-client  
sudo apt-get install libmysqlclient-dev
```

安装过程中会提示设置密码什么的，注意设置了不要忘了，安装完成之后可以
使用如下命令来检查是否安装成功：

```
sudo netstat -tap | grep mysql
```

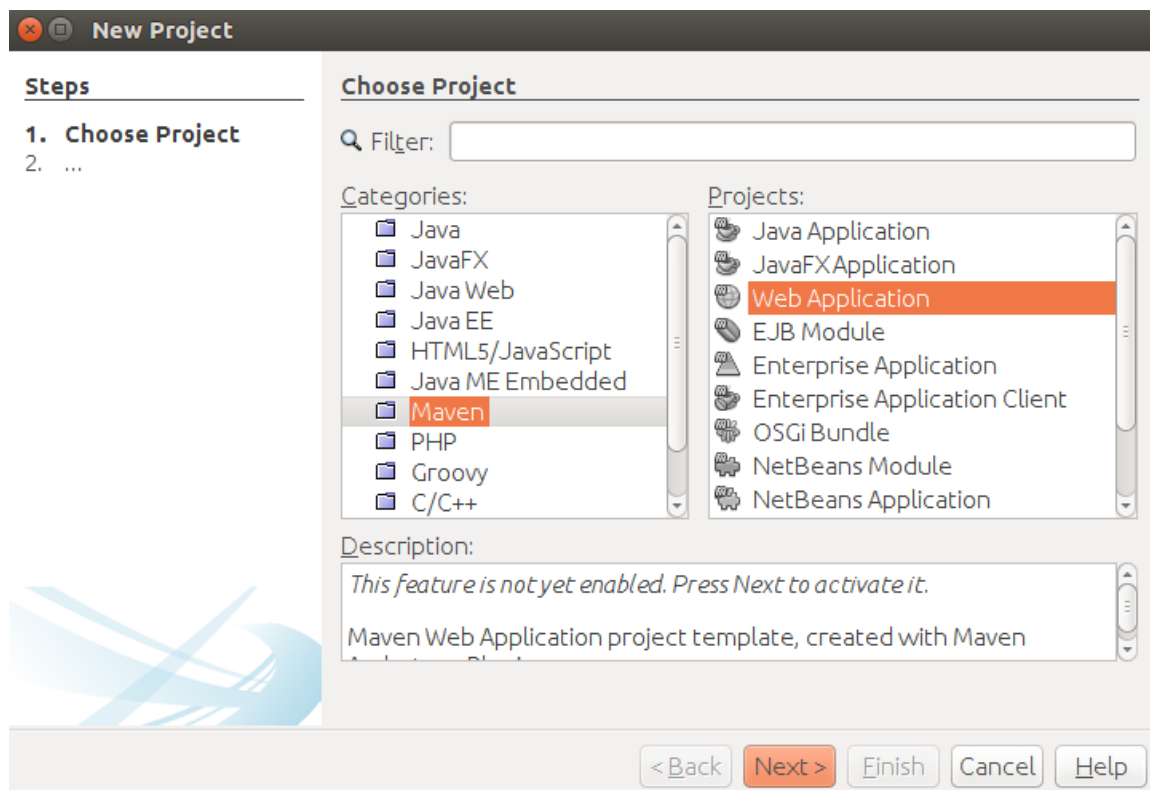
通过上述命令检查之后，如果看到有mysql 的socket处于 listen 状态则表示安装成功。

登陆mysql数据库可以通过如下命令：

```
mysql -u root -p
```

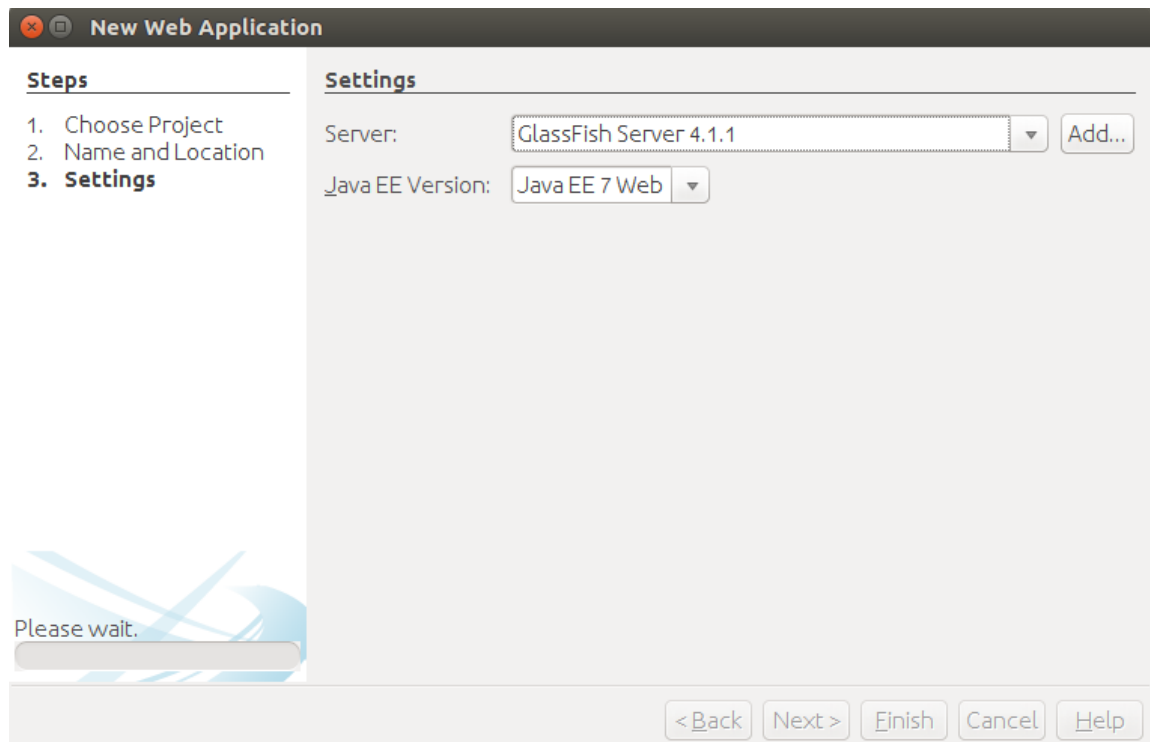
AngularJS&Netbeans

新建项目Maven：Web Application

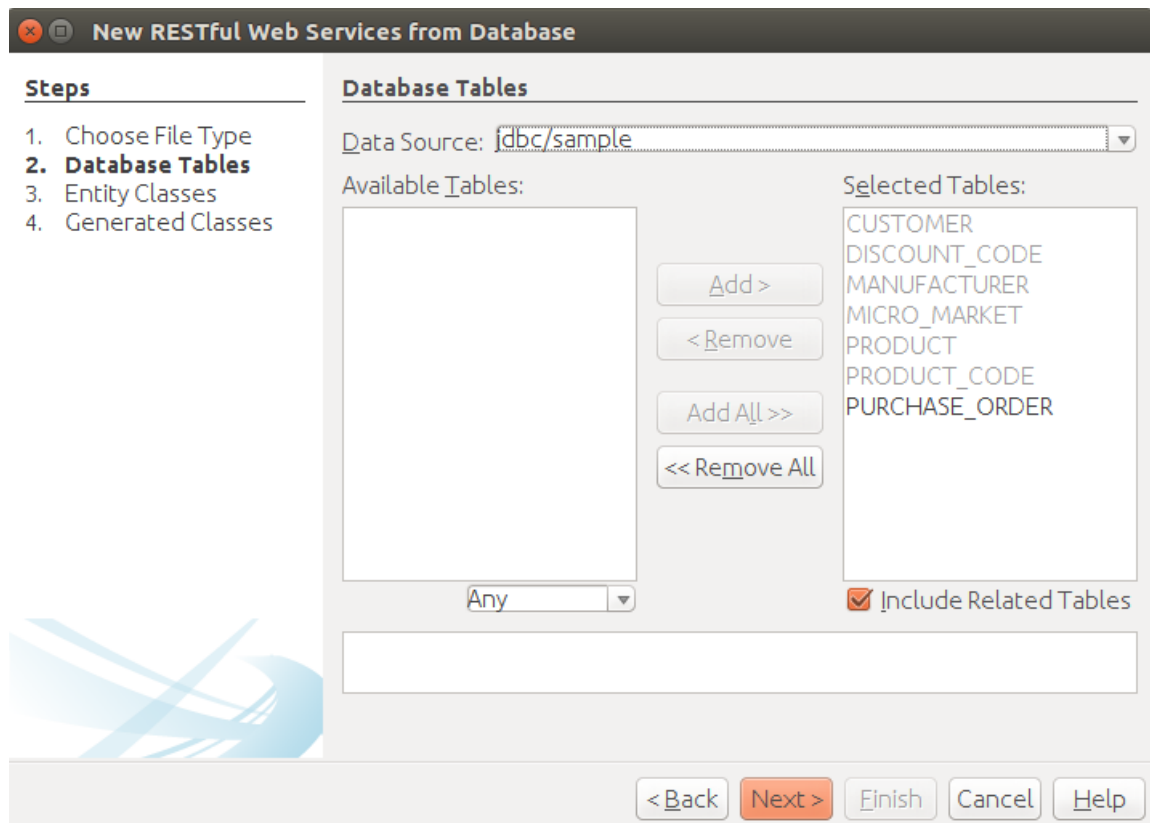


Name and Location根据自己需要选择.

server选择Netbeans自带的4.1.1版本，Java EE 7 Web.

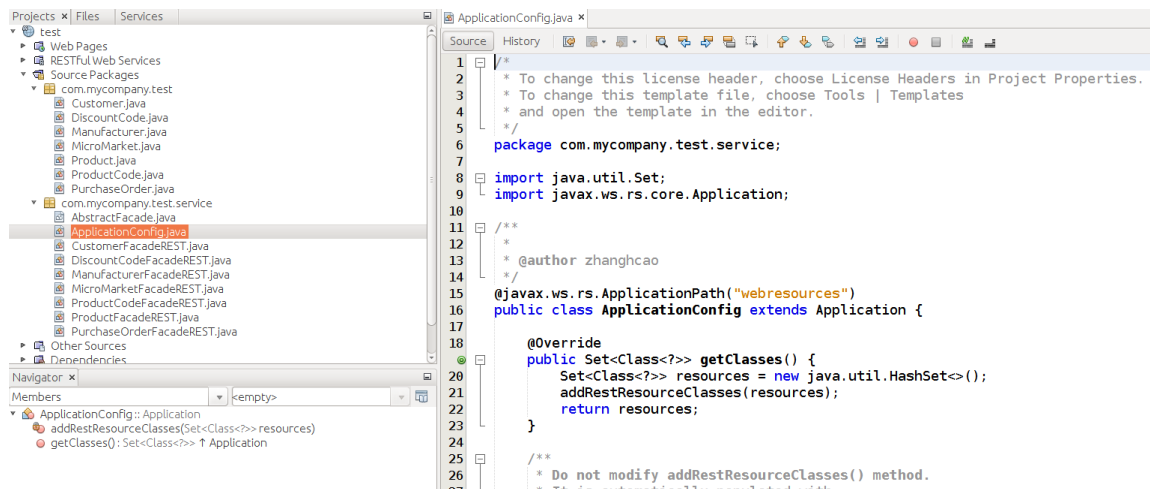


右键新建的项目，对其新建RESTful Web Services from Database，选择sample
样例数据库，并将数据库中表单全部添加，即Add all.

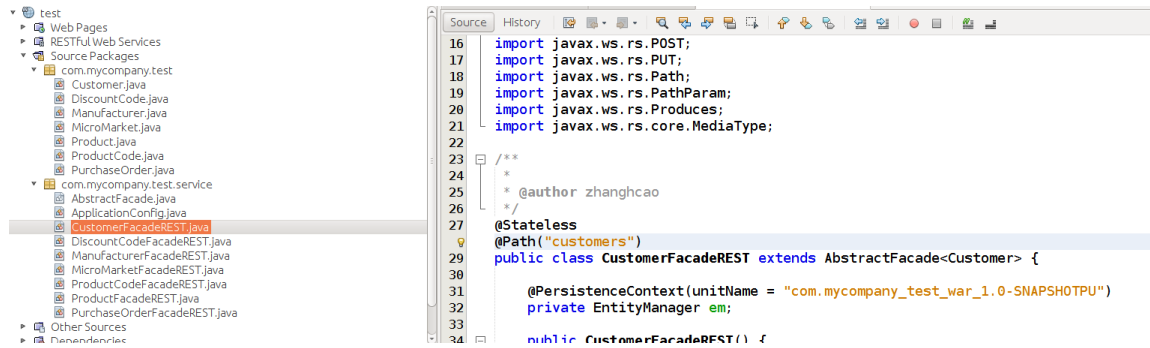


之后不用更改，一路next。

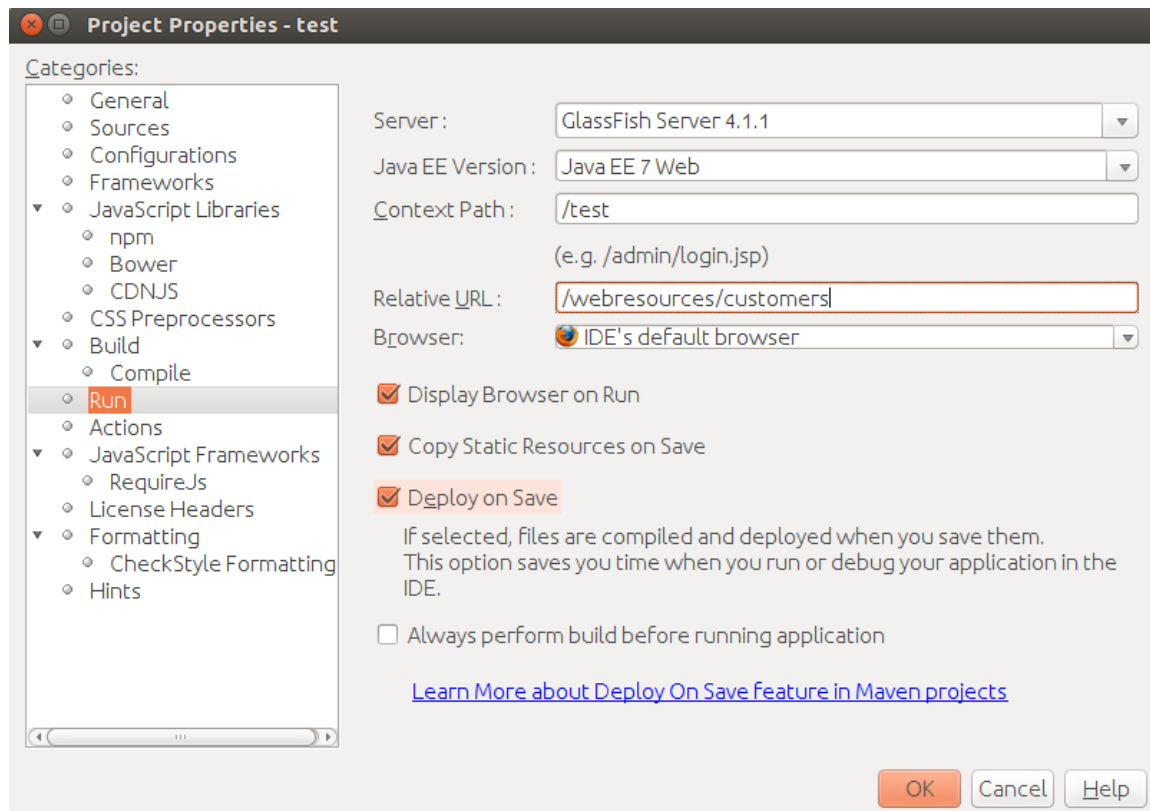
如下图，在config文件中看到app的路径为webresources



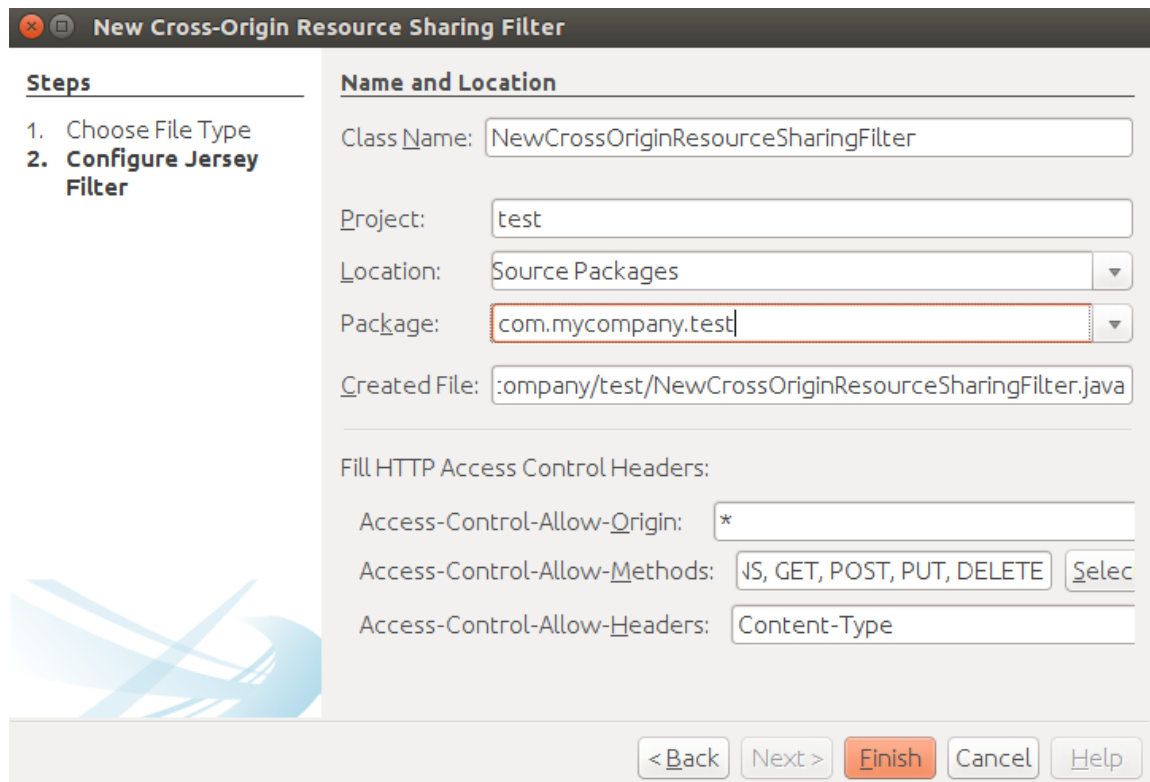
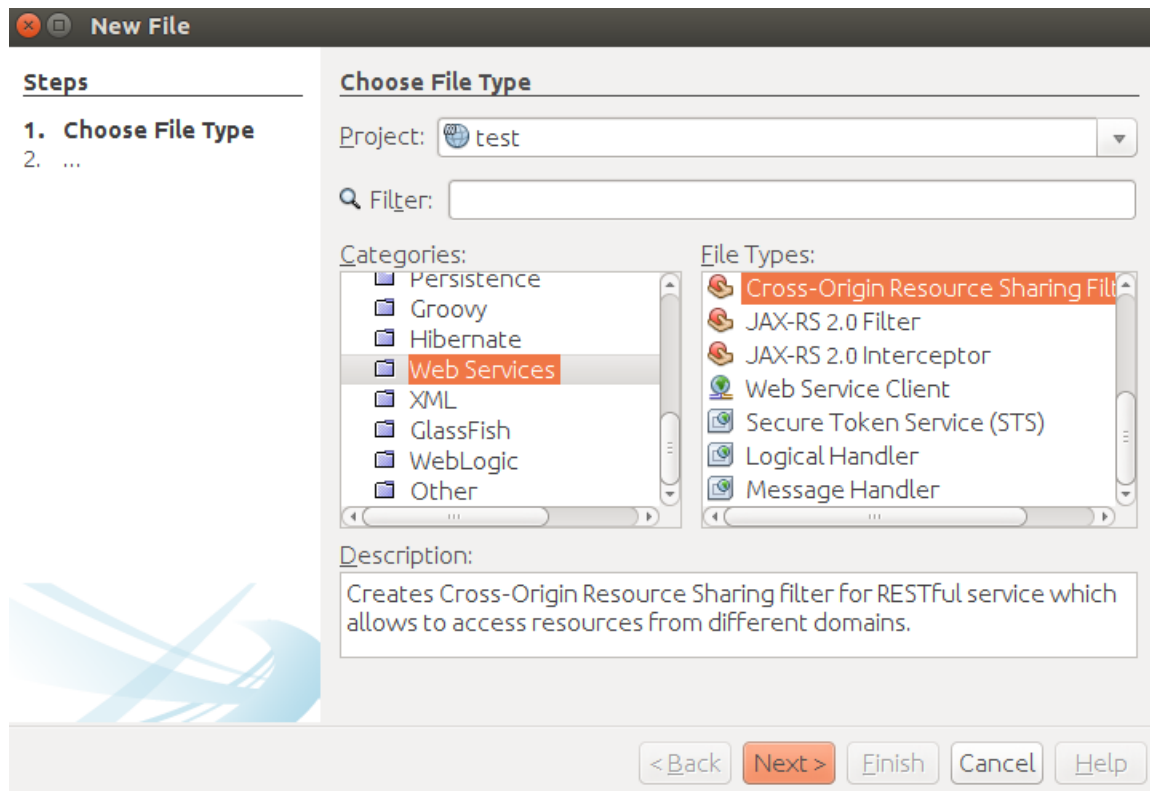
下图中，我们选取customer为演示样例，修改其路径为customers



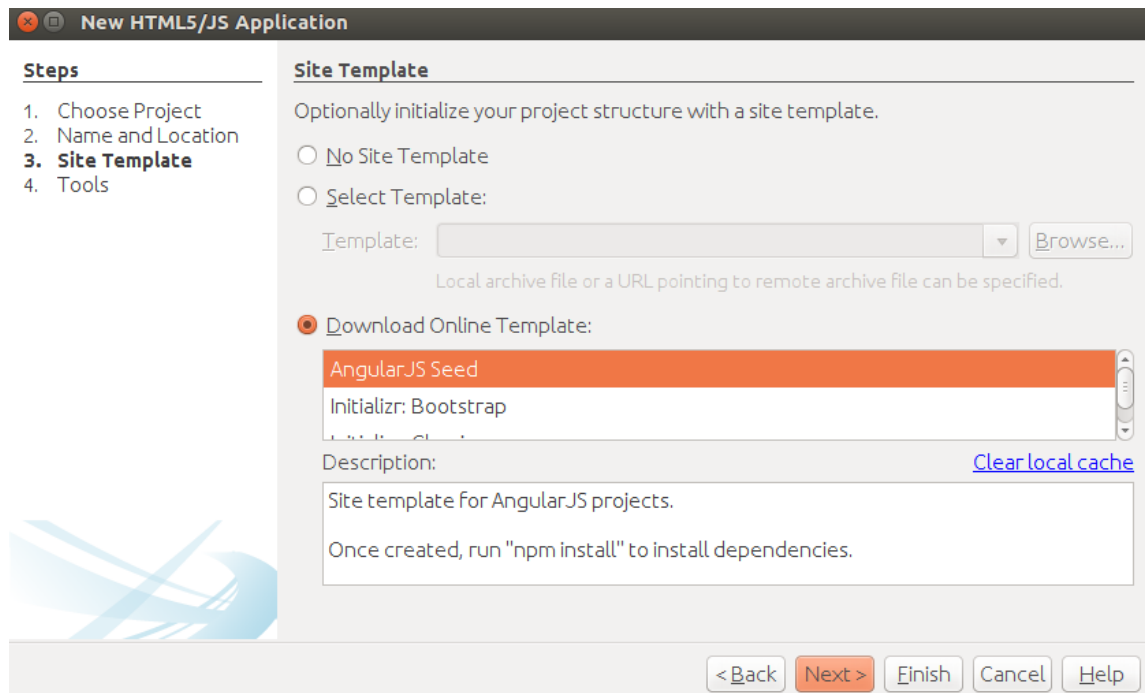
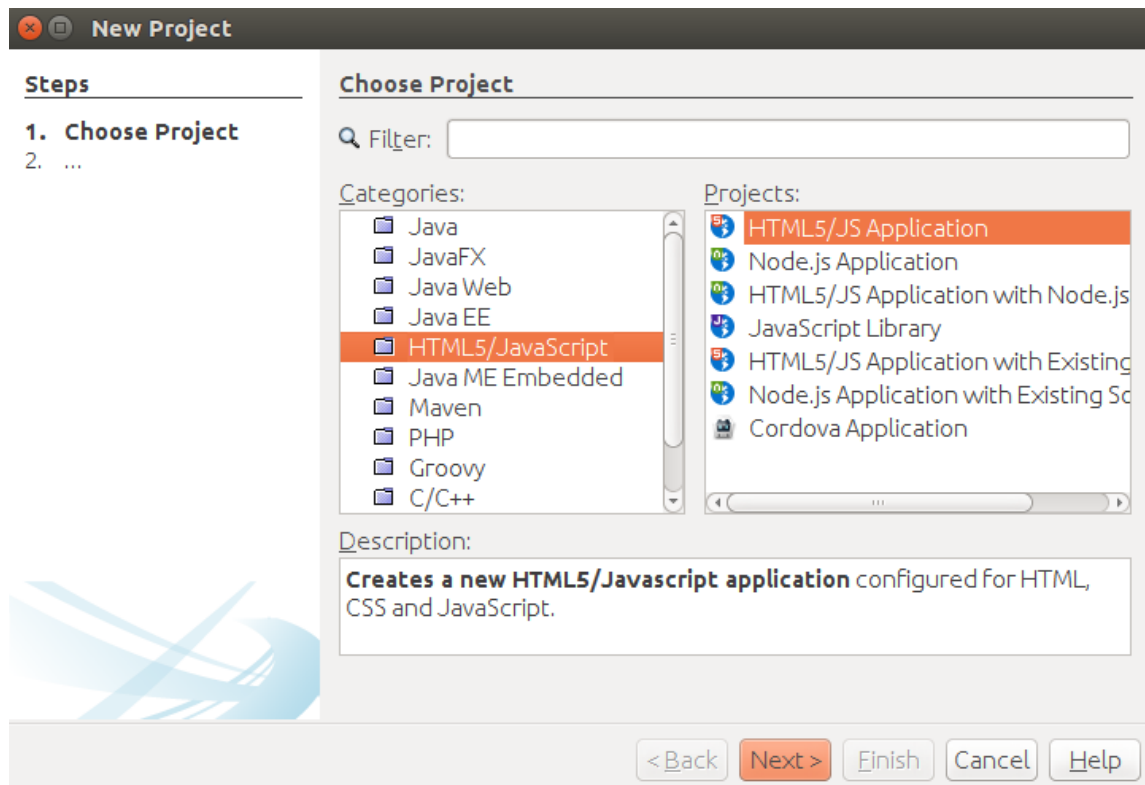
将工程的run路径修改为/webresources/customers，如下图



再对工程新建一个Cross-Origin文件如下



新建HTML工程如下，记得添加Angular seed



进入HTML工程所在文件夹安装依赖包

```
zhanghcao@zhanghcao-Alienware-17-R3: ~/Project/HTML5Application
Desktop  examples.desktop  Pictures  Software For Computer  Videos
Documents Music        Project   Software For Work
Downloads netbeans-8.1.desktop Public    Templates
zhanghcao@zhanghcao-Alienware-17-R3:~$ cd Project/
zhanghcao@zhanghcao-Alienware-17-R3:~/Project$ ls
HTML5Application  test
zhanghcao@zhanghcao-Alienware-17-R3:~/Project$ cd HTML5Application/
zhanghcao@zhanghcao-Alienware-17-R3:~/Project/HTML5Application$ bower install
bower not-cached https://github.com/angular/bower-angular-mocks.git#~1.5.0
bower resolve    https://github.com/angular/bower-angular-mocks.git#~1.5.0
bower not-cached https://github.com/h5bp/html5-boilerplate.git#^5.3.0
bower resolve    https://github.com/h5bp/html5-boilerplate.git#^5.3.0
bower not-cached https://github.com/angular/bower-angular.git#~1.5.0
bower resolve    https://github.com/angular/bower-angular.git#~1.5.0
bower not-cached https://github.com/angular/bower-angular-route.git#~1.5.0
bower resolve    https://github.com/angular/bower-angular-route.git#~1.5.0
bower not-cached https://github.com/angular/bower-angular-loader.git#~1.5.0
bower resolve    https://github.com/angular/bower-angular-loader.git#~1.5.0
bower checkout   html5-boilerplate#5.3.0
bower checkout   angular-mocks#v1.5.8
bower checkout   angular-route#v1.5.8
bower checkout   angular#v1.5.8
bower checkout   angular-loader#v1.5.8
```

运行，可以发现Angular控制着版本号，已经可以工作，环境搭建完毕

[view1](#) | [view2](#)]

This is the partial for view 2.

showing of 'interpolate' filter: Current version is v0.1.

Angular seed app: v0.1