

## Project - RESS

### Environment

NetBeans 7.4 and xampp-win32-1.8.2-5-VC9.

XAMPP Installation:

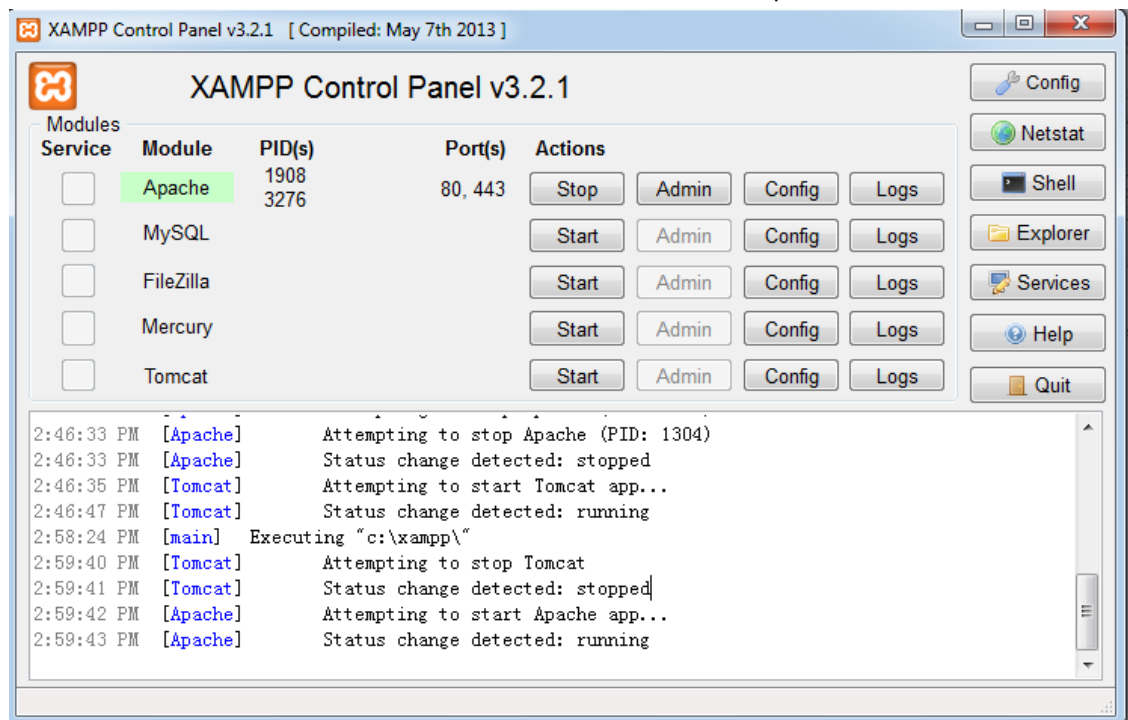
<http://sourceforge.net/projects/xampp/files/XAMPP%20Windows/1.8.2/>

### Note:

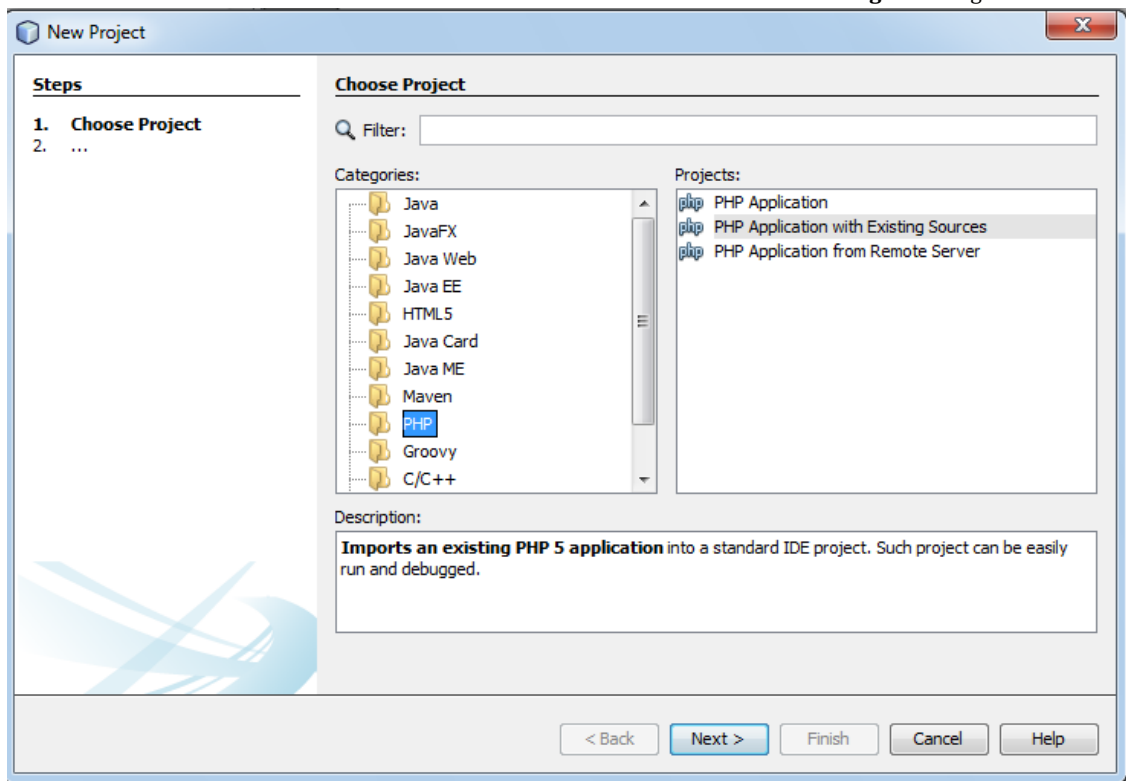
The web page of this project can also be reached at <http://192.73.239.196/ress/>

### Instructions on how to deploy the project to Apache

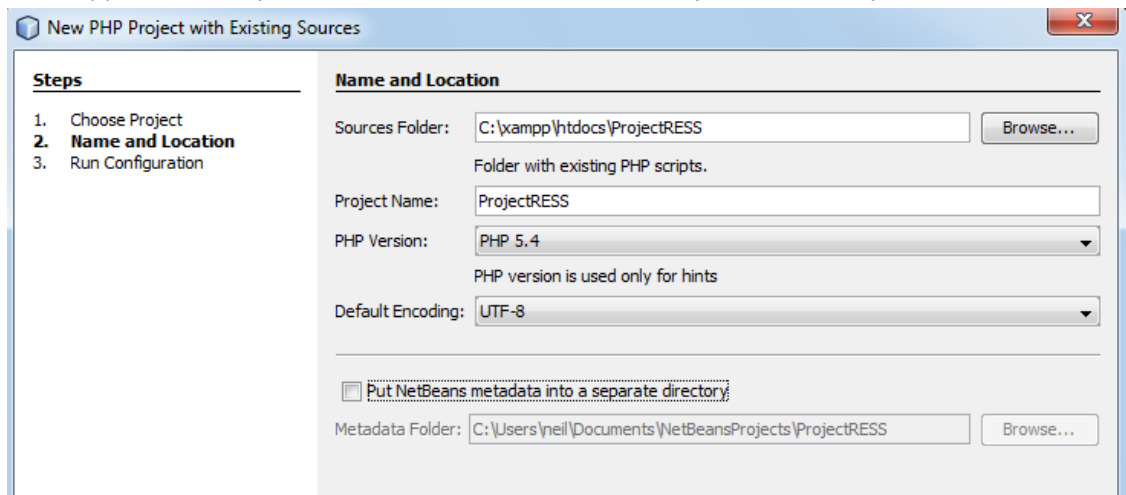
1. Supposed the installation path of XAMPP is c:\xampp\  
Launch the Control Panel of XAMPP and click the start button of Apache:



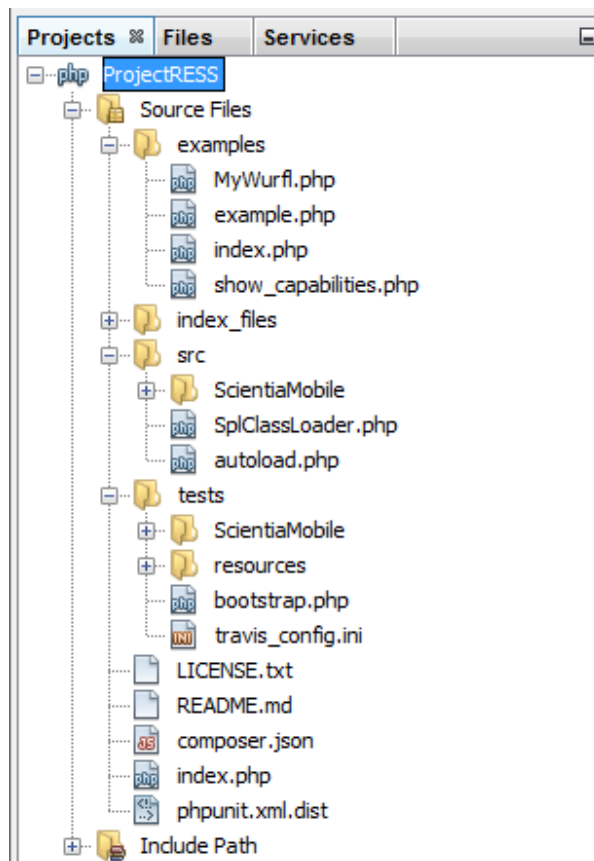
2. Copy my project folder ProjectRESS in the zip file to C:\xampp\htdocs (Apache Root Folder)
3. In NetBeans, File->New Project. Select PHP-> PHP Application with Existing Sources as following screenshot



4. Following the wizard to create a new project. In the wizard select C:\xampp\htdocs\ProjectRESS as the Source Folder and ProjectRESS as Project Name.



5. Finally, you will see following directory structure in the Projects area of Netbeans:



6. Click Run Project button or F6 in NetBeans to launch the project.
7. The web page will be displayed in the Chrome as following screenshot:

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Neill(Bing) Hao's Home Page

Resume LinkedIn Weibo RSS Feed

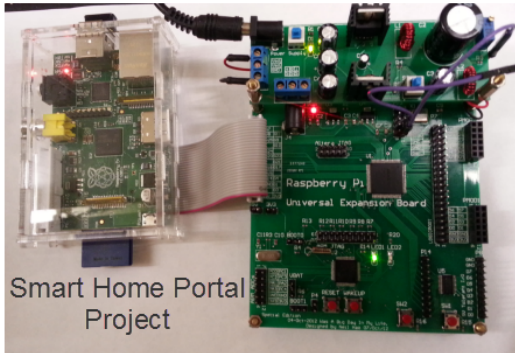
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# Motivation

## Designing reusable components

In recent years, software and hardware systems became complex. As a result, reusability and modularization become the key factors which restrict the time to market. On this website, I am recording my reusable hobby projects which may help in future.



Smart Home Portal Project

### Current Projects

- Setting up Hadoop on Raspberry Pi
- [30Mhz to 6GHz Gain Block, DC to 1000Mhz Gain Block](#)
- [35Mhz to 4400Mhz RF Signal](#)

### Recent Posts

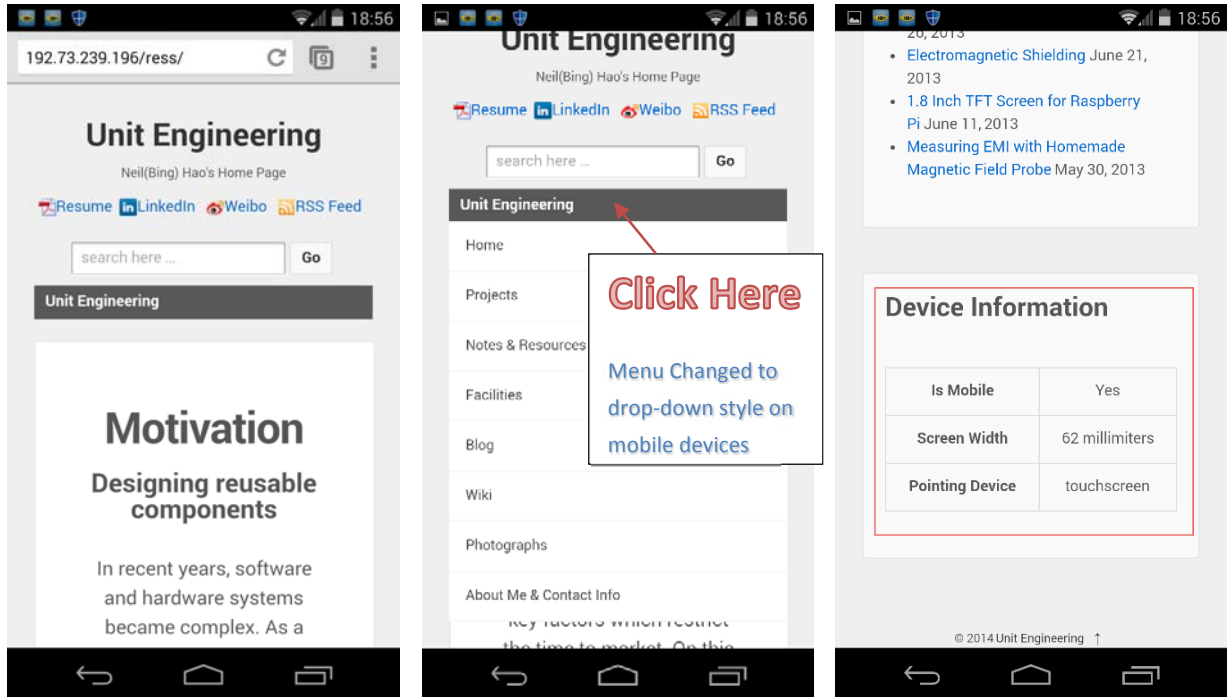
- [Philips Sonicare Electric Toothbrush Measurements without Teardown](#) January 25, 2014
- [Preamplifier 30 MHz to 6 GHz](#) August 18, 2013
- [Channel power measurements](#) July 26, 2013
- [Electromagnetic Shielding](#) June 21

### Device Information

Is Mobile	No
Screen Width	400 millimeters
Pointing Device	mouse

**Note**

1. The web page is supposed to have ability to handle Desktops, laptops, Tablets, and Smartphones. The device information is also shown.
2. This web page is based on cloud offering of WURFL.
3. The web page is modified from my personal home page which was a part of Project 1 for this class.
4. This web page of this project can also be reached at <http://192.73.239.196/ress/>



Google Nexus 5

Home Page: uniteng.com

iPad 7:05 PM 72%

192.73.239.196

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Setting up Hadoop on Raspberry Pi

[30Mhz to 6GHz Gain Block, DC to 1000Mhz Gain Block](#)

[35Mhz to 4400Mhz RF Signal Generator](#)

[Past Projects](#)

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- [Philips Sonicare Electric Toothbrush Measurements without Teardown](#) January 25, 2014
- [Preamplifier 30 MHz to 6 GHz](#) August 18, 2013
- [Channel power measurements](#) July 26, 2013
- [Electromagnetic Shielding](#) June 21, 2013
- [1.8 Inch TFT Screen for Raspberry Pi](#) June 11, 2013
- [Measuring EMI with Homemade Magnetic Field Probe](#) May 30, 2013

### Device Information

Is Mobile	Yes
Screen Width	148 millimeters
Pointing Device	touchscreen

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Apple iPad Air