

Lab6 Project

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CSC615

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Overview:

IDE:	vim
Date:	May 20 th 2009
Compiler:	SUN JDK 6.0 Linux 64bit (1.6)
Ant Makefile:	build.xml
Project URL:	http://github.com/tanxin/xin_csc615

Get SourceCode:

From Git (newest version):

```
tanxin@laptop ~/.workspace-java/csc615 $ git clone git://github.com/tanxin/xin_overlay.git
```

Compile:

```
tanxin@laptop ~/.workspace-java/csc615 $ ant compile
Buildfile: build.xml

init:
    [mkdir] Created dir: /home/tanxin/documents/school/nu/CSC615/project/build

compile:
    [javac] Compiling 7 source files to /home/tanxin/documents/school/nu/CSC615/project/build

BUILD SUCCESSFUL
Total time: 1 second
```

Run:

```
tanxin@laptop ~/.workspace-java/csc615 $ ant runl6
Buildfile: build.xml

init:

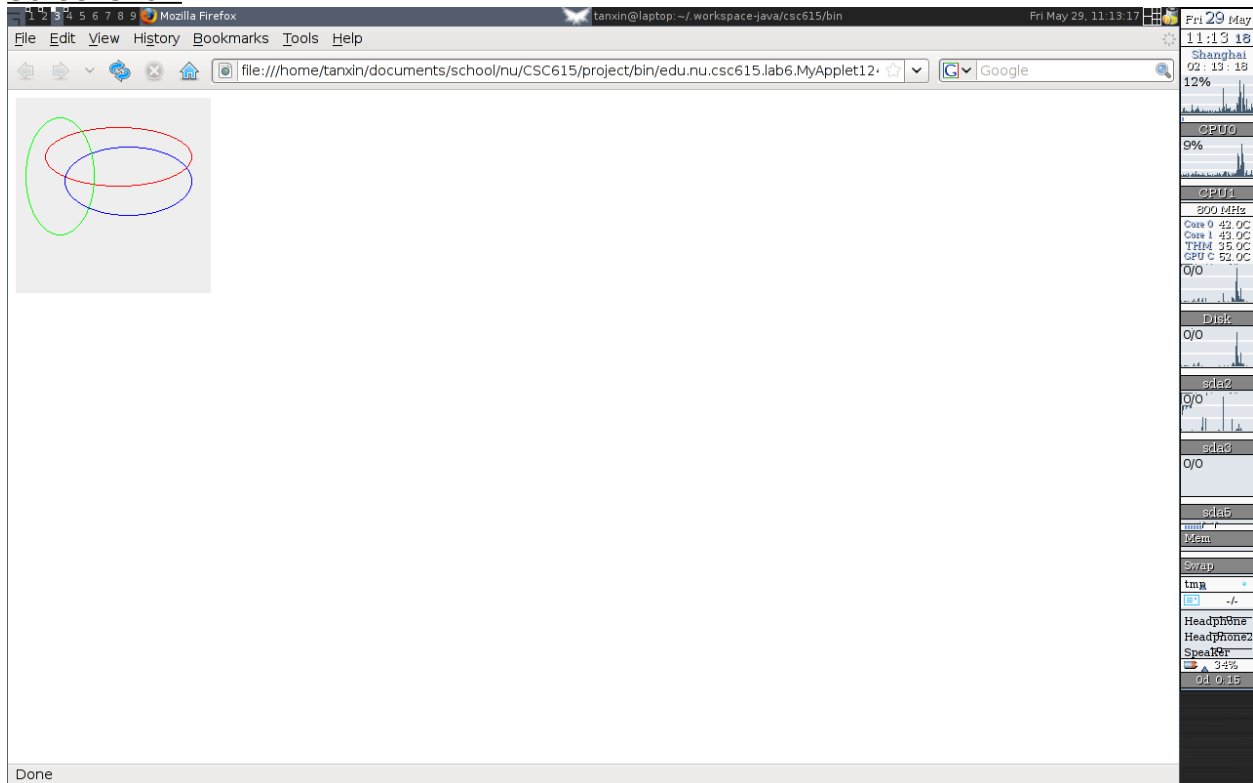
compile:
    [javac] Compiling 1 source file to /home/tanxin/documents/school/nu/CSC615/project/build

runl6:

BUILD SUCCESSFUL
Total time: 1 second
```

Lab6

Screenshot:



Code List:

edu.nu.csc615.lab6.MyApplet.java

```
package edu.nu.csc615.lab6;

import java.awt.Color;

import java.awt.Graphics;
import java.awt.event.MouseEvent;
import java.awt.event.MouseListener;

import javax.swing.JApplet;

public class MyApplet extends JApplet implements MouseListener {

    int step=0;

    public void init() {
        addMouseListener(this);
    }

    public void paint(Graphics g){
        super.paint(g);
        if(step % 2 == 0){
            g.setColor(Color.red);
            g.drawOval(30, 30, 150, 60);
            g.setColor(Color.blue);
```

```
        g.drawRect(30, 30, 150, 60);
    }else{
        g.setColor(Color.red);
        g.drawOval(30, 30, 150, 60);
        g.setColor(Color.blue);
        g.drawOval(50, 50, 130, 70);
        g.setColor(Color.green);
        g.drawOval(10, 20, 70, 120);
    }
}

@Override
public void mouseClicked(MouseEvent e) {
    step++;
    repaint();
}

@Override
public void mouseEntered(MouseEvent e) {
    // TODO Auto-generated method stub
}

@Override
public void mouseExited(MouseEvent e) {
    // TODO Auto-generated method stub
}

@Override
public void mousePressed(MouseEvent e) {
    // TODO Auto-generated method stub
}

@Override
public void mouseReleased(MouseEvent e) {
    // TODO Auto-generated method stub
}
}
```