

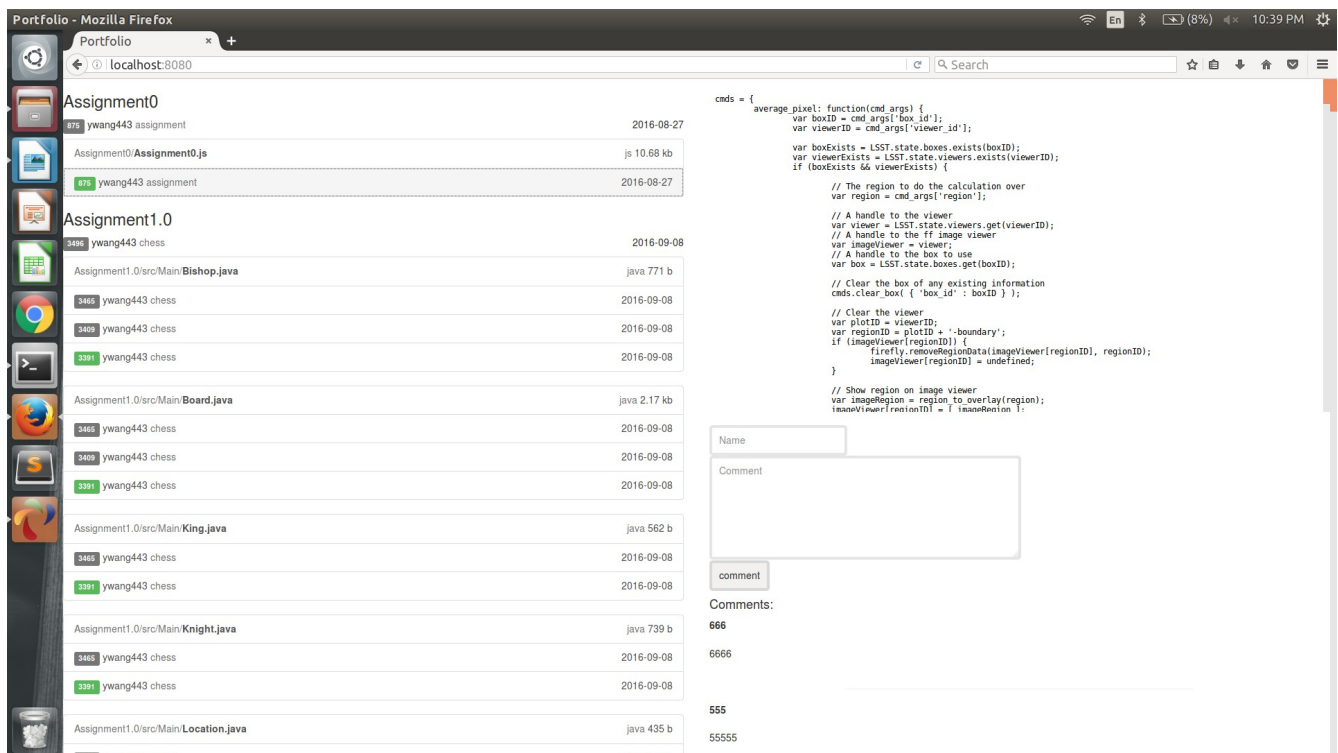
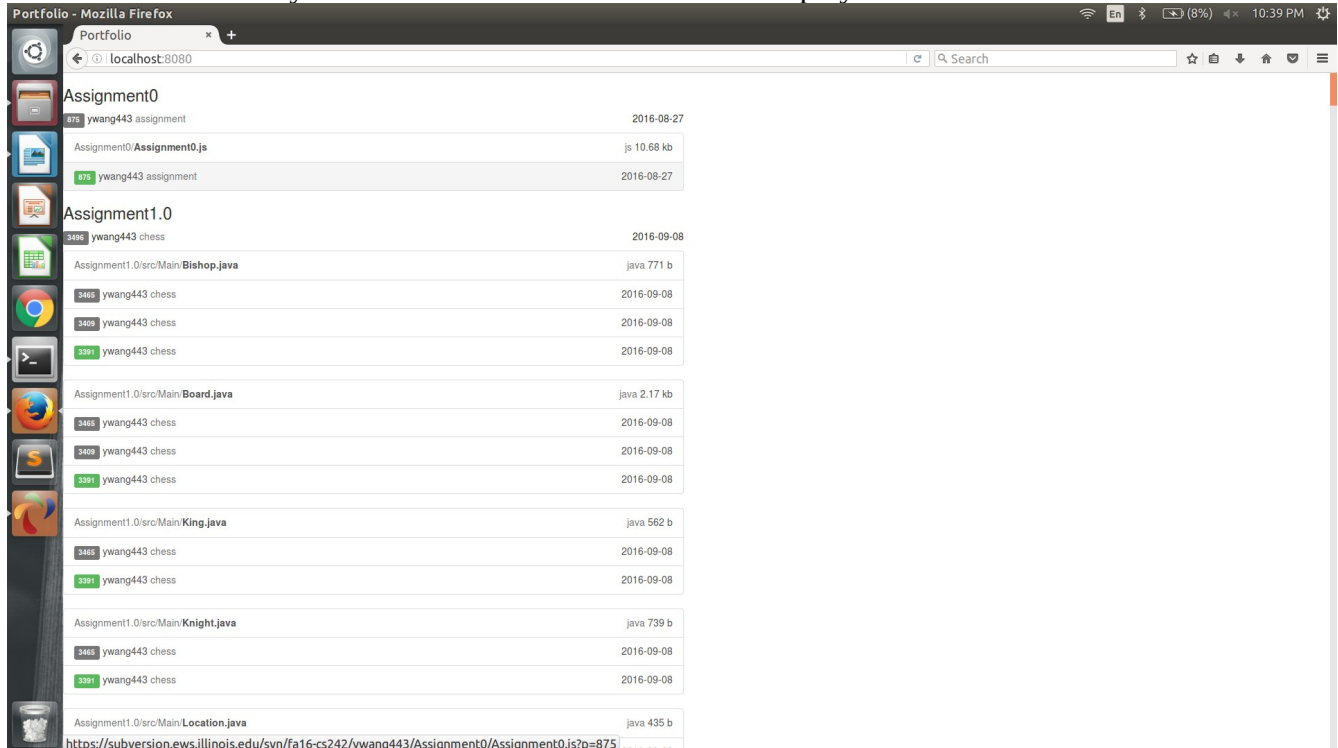
CS242 Assignment 3.2 Manual Test Plan

Post Comments Asynchronously:

Load newly posted comment without reloading the page

Screenshots:

1. Click on an arbitrary file. Previous comments should be displayed with comment box.



2. Reply a comment. The comment should be displayed on top of other comments without reloading the page.

Portfolio - Mozilla Firefox

Portfolio

localhost:8080

Search

Assignment0

675 ywang443 assignment

2016-08-27

Assignment0/Assignment0.js

js 10.68 kb

675 ywang443 assignment

2016-08-27

Assignment1.0

3405 ywang443 chess

2016-09-08

Assignment1.0/src/Main/Bishop.java

java 771 b

3405 ywang443 chess

2016-09-08

3409 ywang443 chess

2016-09-08

3391 ywang443 chess

2016-09-08

Assignment1.0/src/Main/Board.java

java 2.17 kb

3405 ywang443 chess

2016-09-08

3409 ywang443 chess

2016-09-08

3391 ywang443 chess

2016-09-08

Assignment1.0/src/Main/King.java

java 562 b

3405 ywang443 chess

2016-09-08

3391 ywang443 chess

2016-09-08

Assignment1.0/src/Main/Knight.java

java 739 b

3405 ywang443 chess

2016-09-08

3391 ywang443 chess

2016-09-08

Assignment1.0/src/Main/Location.java

java 435 b

3405 ywang443 chess

2016-09-08

cmds = {

average_pixel: function(cmd args) {

var boxID = cmd_args['box_id'];

var viewerID = cmd_args['viewer_id'];

var boxExists = LSST.state.bboxes.exists(boxID);

var viewerExists = LSST.state.viewers.exists(viewerID);

if (boxExists && viewerExists) {

// The region to do the calculation over

var region = cmd_args['region'];

// A handle to the viewer

var viewer = LSST.state.viewers.get(viewerID);

// A handle to the ff image viewer

var imageView = viewer;

// A handle to the box to use

var box = LSST.state.bboxes.get(boxID);

// Clear the box of any existing information

cmds.clear_box({ 'box_id' : boxID });

// Clear the viewer

var plotID = viewerID;

var regionID = plotID + '-boundary';

if (imageView[regionID]) {

firefly.removeRegionData(imageViewer[regionID], regionID);

imageView[regionID] = undefined;

}

// Show region on image viewer

var imageRegion = region.toOverlay(region);

imageView[regionID] = { imageRegion : }

}

Alex

Great!

comment

Comments:

666

6666

555

55555

Portfolio - Mozilla Firefox

Portfolio

localhost:8080

Search

Assignment0

675 ywang443 assignment

2016-08-27

Assignment0/Assignment0.js

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2016-09-08

Assignment1.0/src/Main/Location.java

java 435 b

3405 ywang443 chess

2016-09-08

cmds = {

average_pixel: function(cmd args) {

var boxID = cmd_args['box_id'];

var viewerID = cmd_args['viewer_id'];

var boxExists = LSST.state.bboxes.exists(boxID);

var viewerExists = LSST.state.viewers.exists(viewerID);

if (boxExists && viewerExists) {

// The region to do the calculation over

var region = cmd_args['region'];

// A handle to the viewer

var viewer = LSST.state.viewers.get(viewerID);

// A handle to the ff image viewer

var imageView = viewer;

// A handle to the box to use

var box = LSST.state.bboxes.get(boxID);

// Clear the box of any existing information

cmds.clear_box({ 'box_id' : boxID });

// Clear the viewer

var plotID = viewerID;

var regionID = plotID + '-boundary';

if (imageView[regionID]) {

firefly.removeRegionData(imageViewer[regionID], regionID);

imageView[regionID] = undefined;

}

// Show region on image viewer

var imageRegion = region.toOverlay(region);

imageView[regionID] = { imageRegion : }

}

Name

Comment

comment

Comments:

Alex

Great!

666

6666

Load file contents Asynchronously:

Load file content without reloading pages or rendering to other pages.

Screenshots:

1. Click an arbitrary file. Source code will be displayed on the right side.

The screenshot shows a web application running on localhost:8080. The left sidebar contains a file list for 'Assignment0' and 'Assignment1.0'. The main content area displays the source code for 'Assignment0/Assignment0.js'. The code is a JavaScript class 'Bishop' that extends 'Piece'. It includes methods for validating moves and checking if a square is blocked by a bishop. The right sidebar contains a form with 'Name' and 'Comment' fields, a 'comment' button, and a 'Comments' section with a list of comments.

| File Name | Size | Date |
|--------------------------------------|----------|------------|
| Assignment0/Assignment0.js | 10.68 kb | 2016-08-27 |
| Assignment1.0/src/Main/Bishop.java | 771 b | 2016-09-08 |
| Assignment1.0/src/Main/Board.java | 2.17 kb | 2016-09-08 |
| Assignment1.0/src/Main/King.java | 562 b | 2016-09-08 |
| Assignment1.0/src/Main/Knight.java | 739 b | 2016-09-08 |
| Assignment1.0/src/Main/Location.java | 435 b | 2016-09-08 |

```
package Main;

/**
 * Created by yutong on 9/7/16.
 */
public class Bishop extends Piece{
    public Bishop(Board board, Location location, boolean owner){
        super(board, location, owner);
    }

    public boolean validMove(int i, int j){
        // if target location 0-8 or didn't move, return false
        if (outOfBoundary(i, j) || didn't move(i, j), this.getLocation().getRow(), this.getLocation().getCol()){
            return false;
        }
        if (this.getLocation().getCol() == j || this.getLocation().getRow() == i || ((this.getLocation().getRow() - i) != (this
            return false;
        }
        return !this.routeBlockedBishop(i, j, this.getLocation().getRow(), this.getLocation().getCol());
    }
}
```

2. Click on another file. The source code in iframe should be replaced by the new source code without reloading.

The screenshot shows the same web application, but the source code displayed in the main content area is now for 'Assignment1.0/src/Main/Board.java'. The code is a Java class 'Board' that implements the 'Board' interface. It includes methods for getting the board size, getting the board state, and getting the board state for a specific square. The right sidebar remains the same, showing the 'Name' and 'Comment' form and the 'Comments' section.

| File Name | Size | Date |
|--------------------------------------|----------|------------|
| Assignment0/Assignment0.js | 10.68 kb | 2016-08-27 |
| Assignment1.0/src/Main/Bishop.java | 771 b | 2016-09-08 |
| Assignment1.0/src/Main/Board.java | 2.17 kb | 2016-09-08 |
| Assignment1.0/src/Main/King.java | 562 b | 2016-09-08 |
| Assignment1.0/src/Main/Knight.java | 739 b | 2016-09-08 |
| Assignment1.0/src/Main/Location.java | 435 b | 2016-09-08 |

```
cmds = {
    average_pixel: function(cmd args) {
        var boxID = cmd.args[0].box_id;
        var viewerID = cmd.args[1].viewer_id;

        var boxExists = LSST.state.bboxes.exists(boxID);
        var viewerExists = LSST.state.viewers.exists(viewerID);
        if (boxExists && viewerExists) {
            // The region to do the calculation over
            var region = cmd.args[2].region;

            // A handle to the viewer
            var viewer = LSST.state.viewers.get(viewerID);
            // A handle to the ff image viewer
            var imageView = viewer;
            // A handle to the box to use
            var box = LSST.state.bboxes.get(boxID);

            // Clear the box of any existing information
            cmds.clear_box({ box_id : boxID });

            // Clear the viewer
            var plotID = viewerID;
            var regionID = plotID + '-boundary';
            if (imageView[regionID]) {
                imageView.removeRegionData(imageViewer[regionID], regionID);
                imageView[regionID] = undefined;
            }

            // Show region on image viewer
            var imageRegion = region to overlay(region);
            imageView[regionID] = imageRegion;
        }
    }
}
```