

TESTUMGEBUNG

GNADLINGER, HERMÜLLER, MELHORN, POHN



IntelliJ IDEA

<HTML>
HTML



{CSS}
CSS



(JS)
JavaScript



jQuery



{less}

jQuery
user interface

mockito



[Optionen](#)[Student-Details](#)[Abgabe](#)**Schülerliste**[Import](#)**Port:****Angabe:**[Angabe](#)**Speicherort (Screenshots, Abgaben):**[Choose your Directory](#)**Zufall Zeitabstand zwischen Screenshots:****Fixe Zeitabstände zwischen Screenshots:****Passwort:****File-endings of files (lines of Code):**[Start Server](#)[Stop Server](#)



Nr. of logged in:

00

Option

Student-Settings

Student-Info

Student-Spy

Submission

Programm Log

Help

Advanced Settings

Test

Handout:

Handout



Location for screenshots, submissions:

Choose your Directory



Fix time between screenshots in seconds :



10 s

Server is running

Start Server

Stop Server

Start Patrol

created on: 2016-06-19

192.168.0.105 : 50555

1.18.38.216

TEACHER-GUI

NACHHER

Student

Username:

Teacher-IP:

Passwort:

Arbeits-Ordner:

ChooseFilePath

Port:

Angemeldet

STUDENT-GUI

VORHER



Student

Test

Server-IP:

192.168.0.105

/ 50555

Test Connection

Matrikel-Nr.:

he120016

Pupil name:

07

Max

Mustermann

Directory:

/Users/Philipp/Desktop/Mustermann

Choose

Login

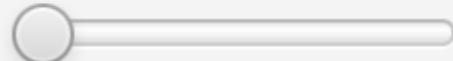


Finished

Logout

Time left:

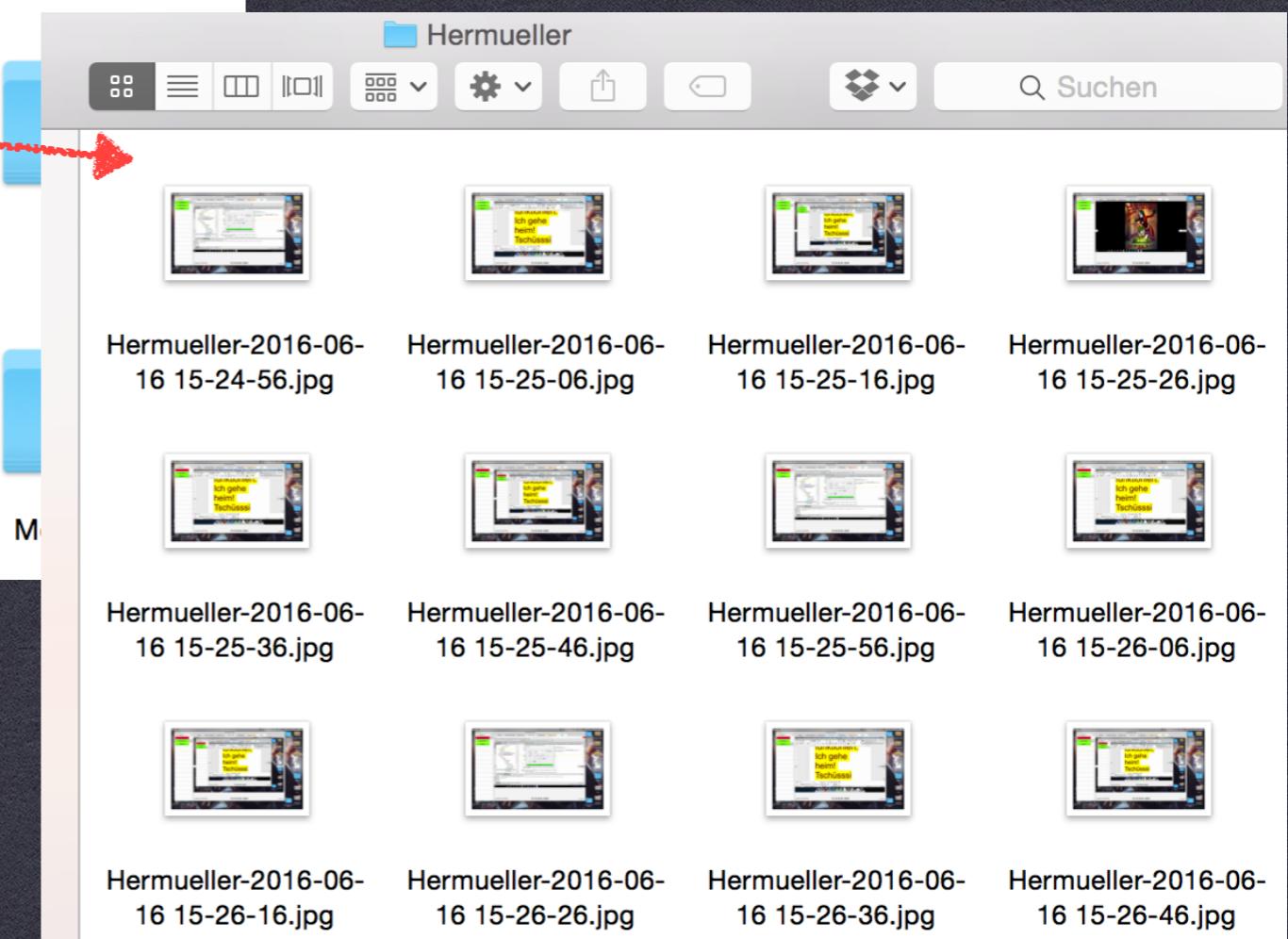
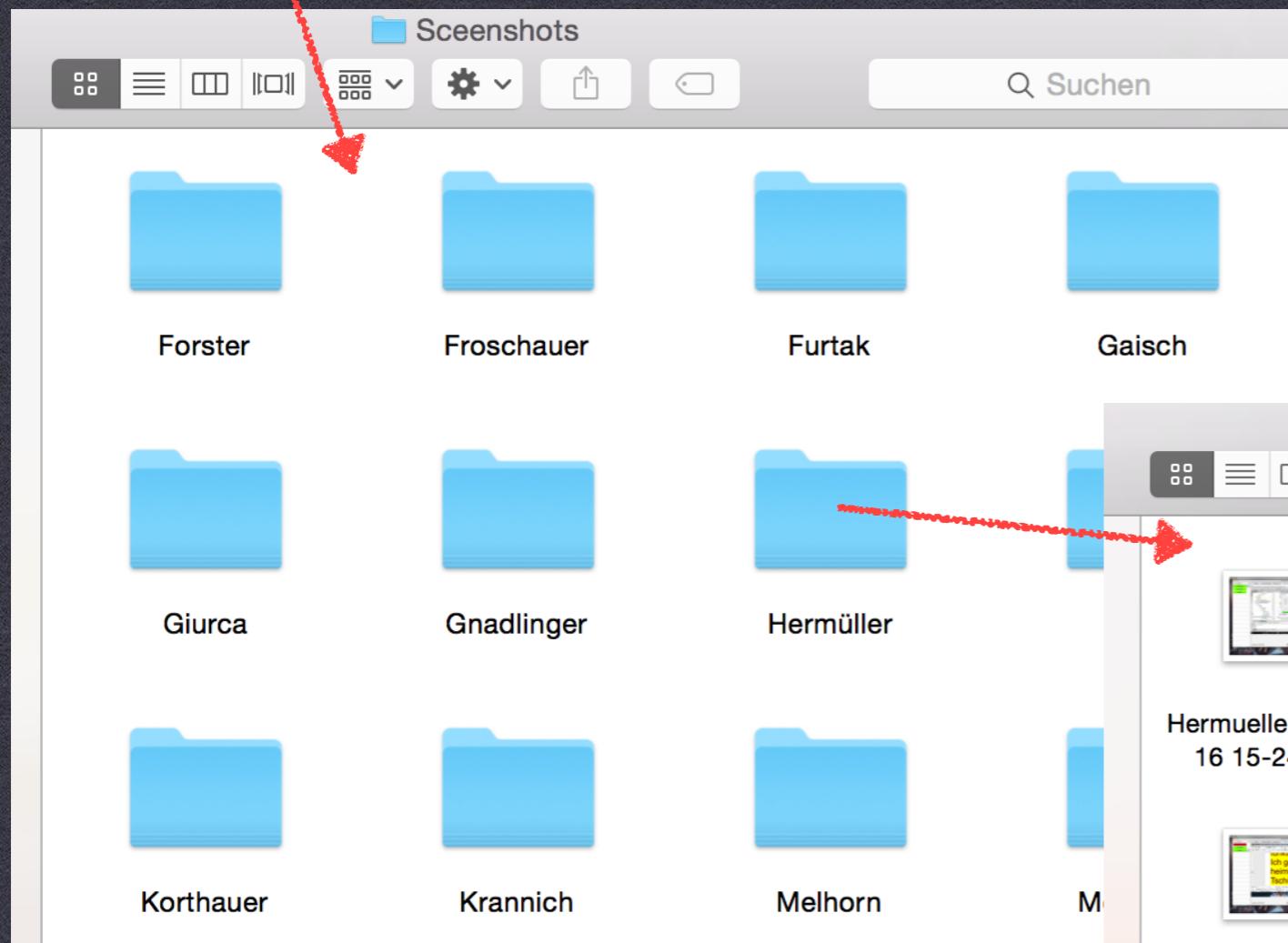
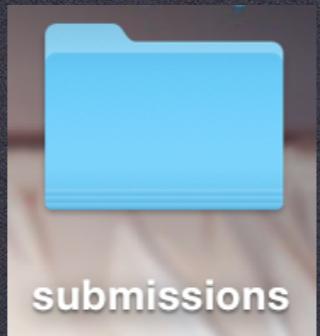
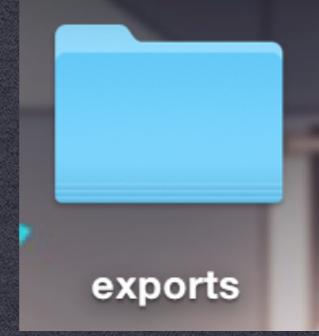
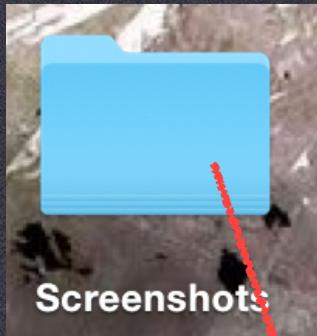
08:18

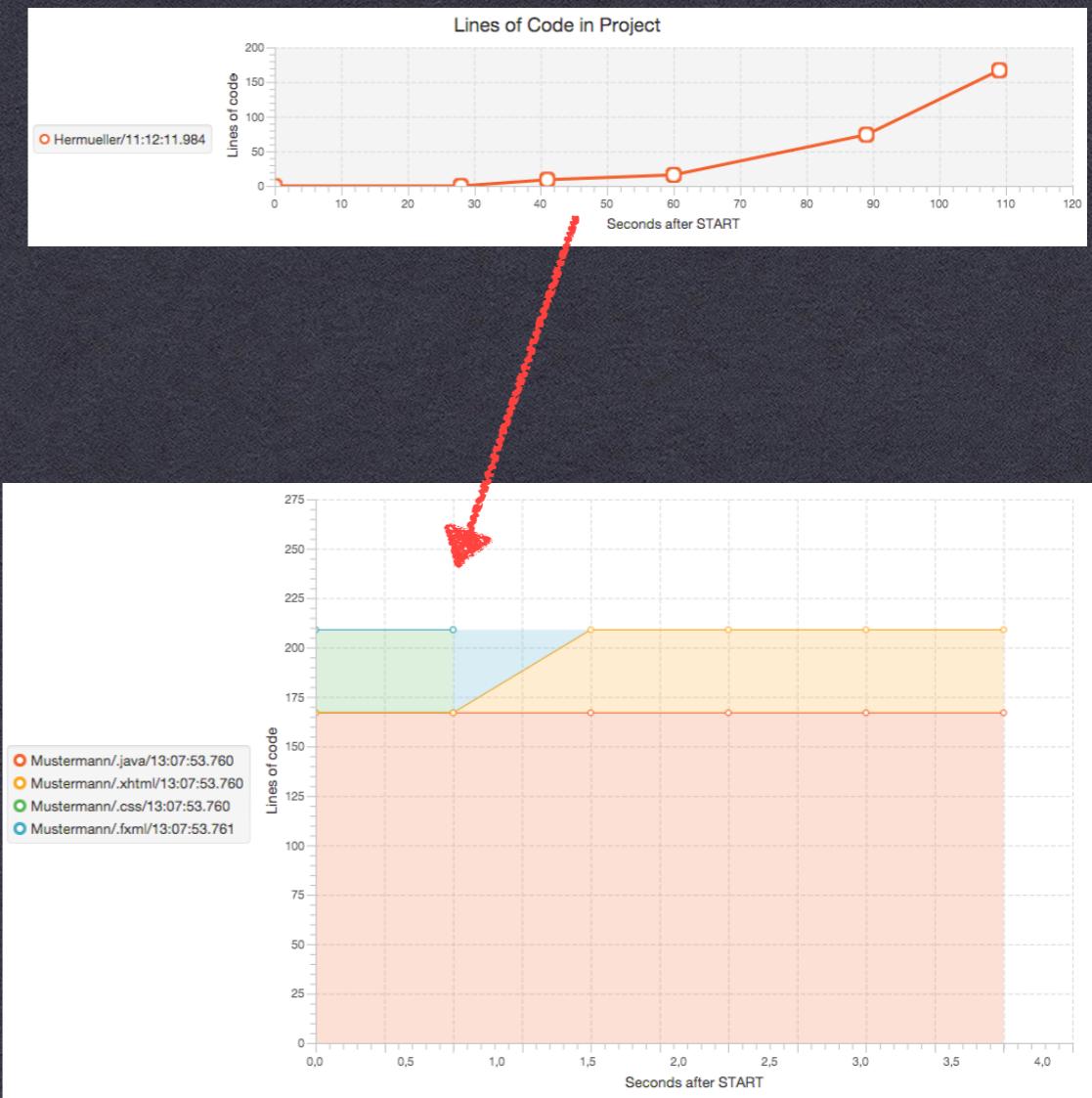
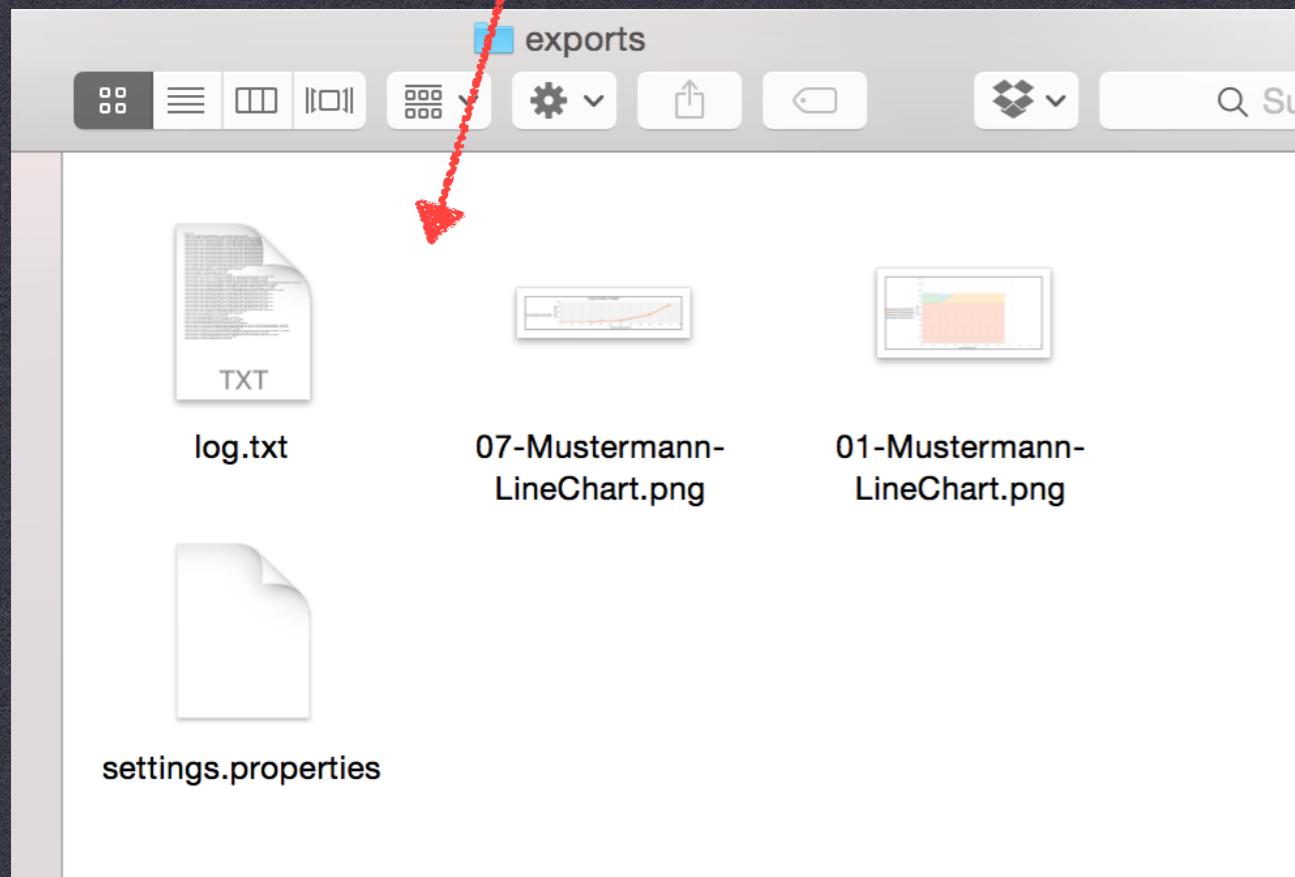
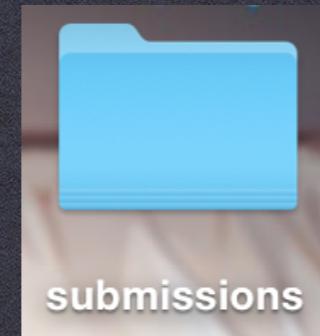
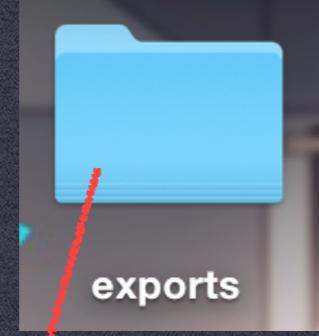
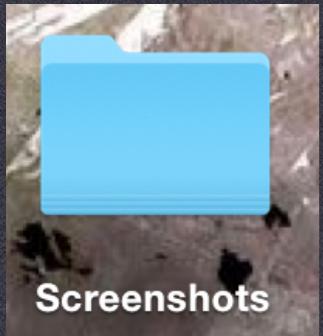


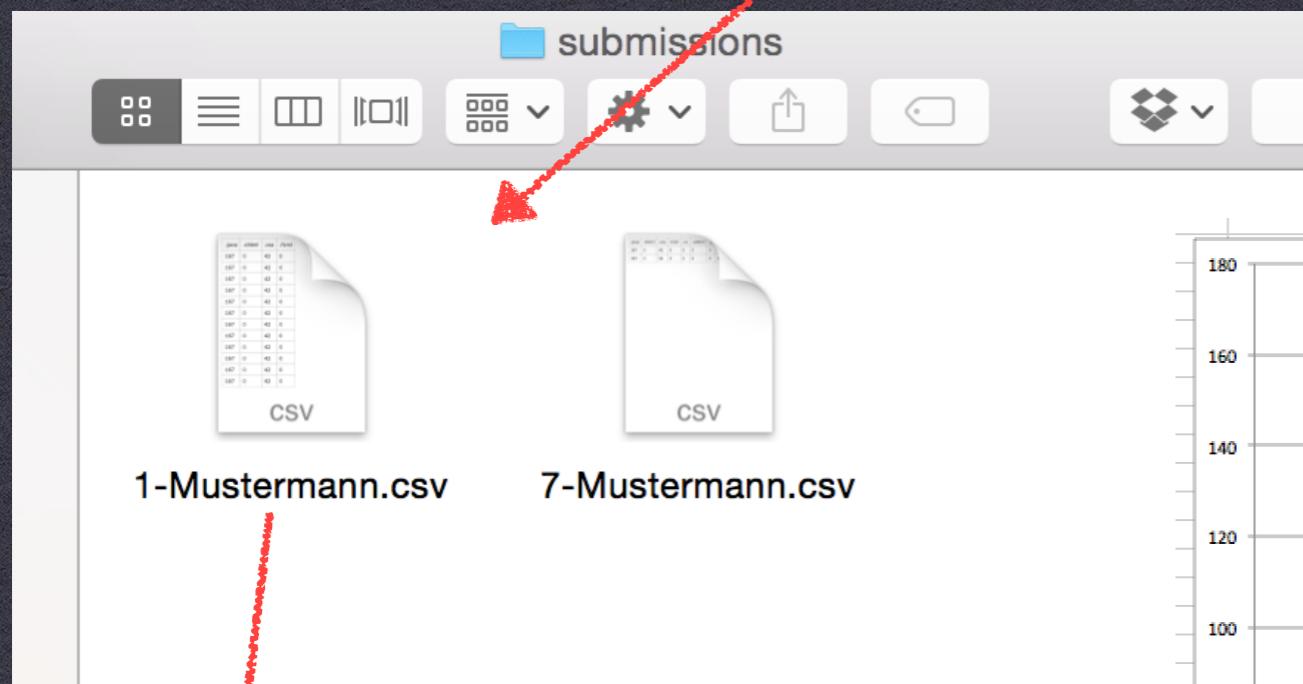
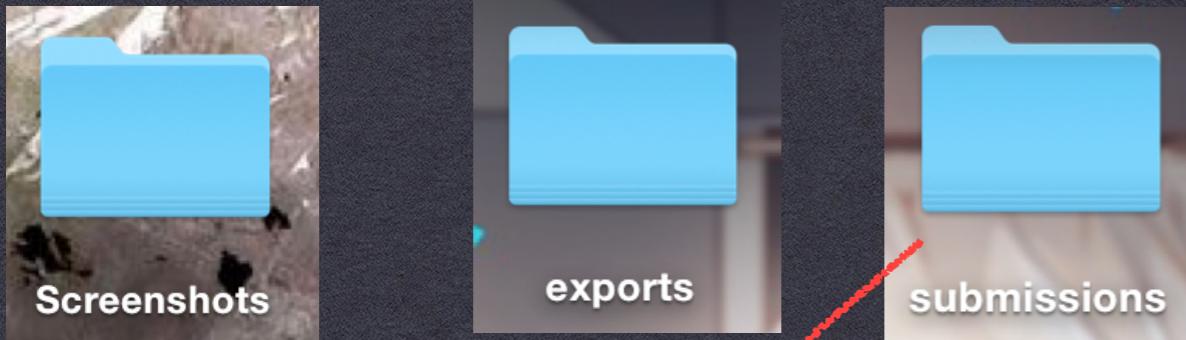
Signed in!

STUDENT-GUI

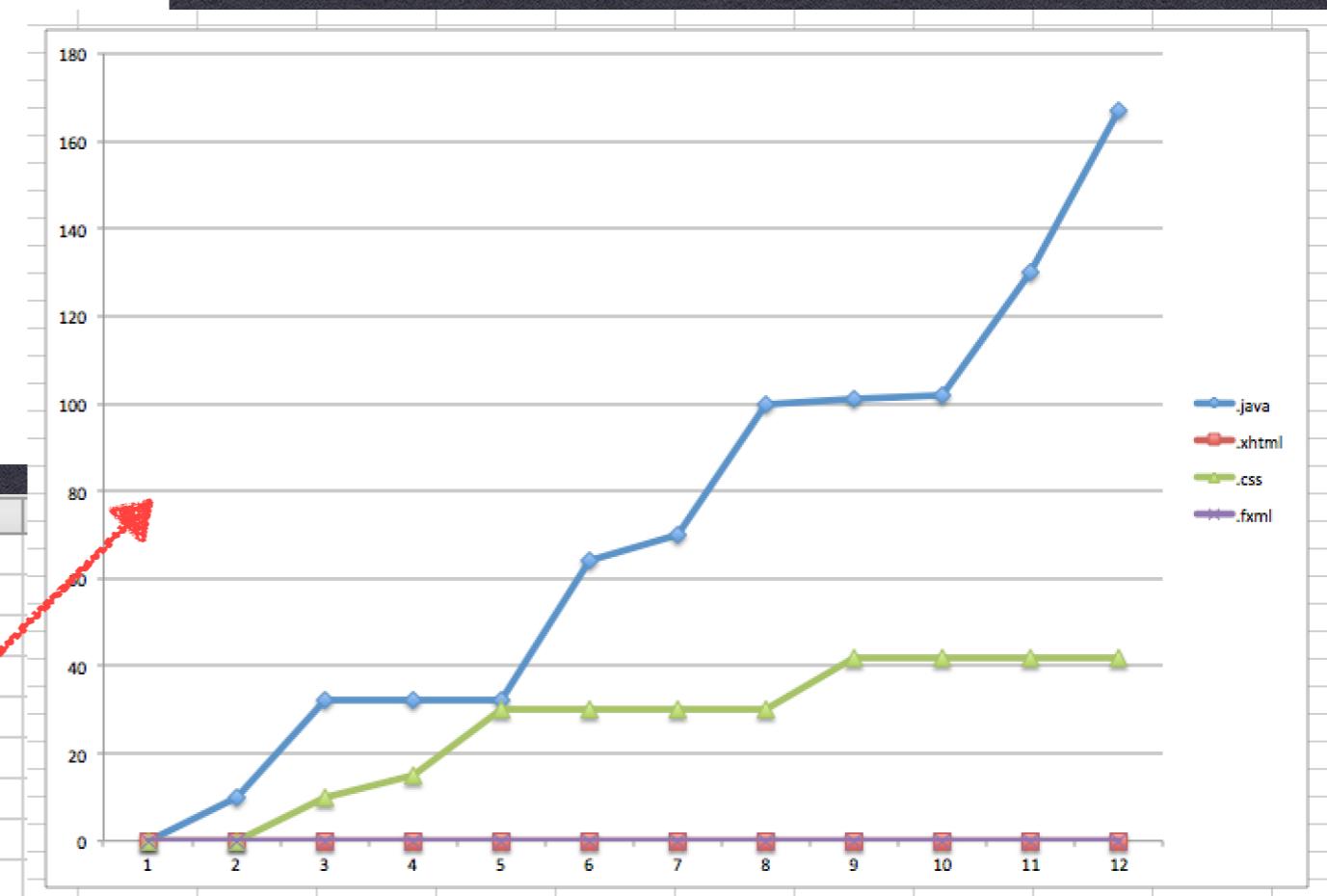
NACHHER







	A	B	C	D	E
1	.java	.xhtml	.css	.fxml	
2	0	0	0	0	
3	10	0	0	0	
4	32	0	10	0	
5	32	0	15	0	
6	32	0	30	0	
7	64	0	30	0	
8	70	0	30	0	
9	100	0	30	0	
10	101	0	42	0	
11	102	0	42	0	
12	130	0	42	0	
13	167	0	42	0	
14					
15					
16					



Simple Mode

Handout:

Handout

Location for screenshots, submissions:

Choose your Directory

Fix time between screenshots in seconds :

10 s

Server-Settings

Image Settings

Random time between screenshots (1s - 30s):

OFF

Port:

50555

Filename extensions:

ALL-SETS



Studentlist:

Import

Start Server

Stop Server

Start Patrol

DIE EINSTELLUNGEN
VORHER

Random time between screenshots (1s - 30s): Port: Filename extensions: Studentlist: Image quality:

20

100

Image scale:

JPG

Image format: Import Settings: Amount of points shown in chart:

10

Save data-points in csv-file:

DIE EINSTELLUNGEN

NACHHER

SETTINGS- PROPERTIES- FILE

INHALT

```
port=50678  
filter=C-SHARP  
createFile=false  
dataPoints=5  
format=PNG  
scale=0.7  
quality=1.0
```

[Apply for "All Students"](#)

Selected Student Settings:

Harvester Timeinterval:



10 s

Filter-Set:

[JAVA](#) ▾[Kick Student](#)[▶ Add new filter to selected set](#)[▼ Change filters which will be used \(add/remove\)](#)

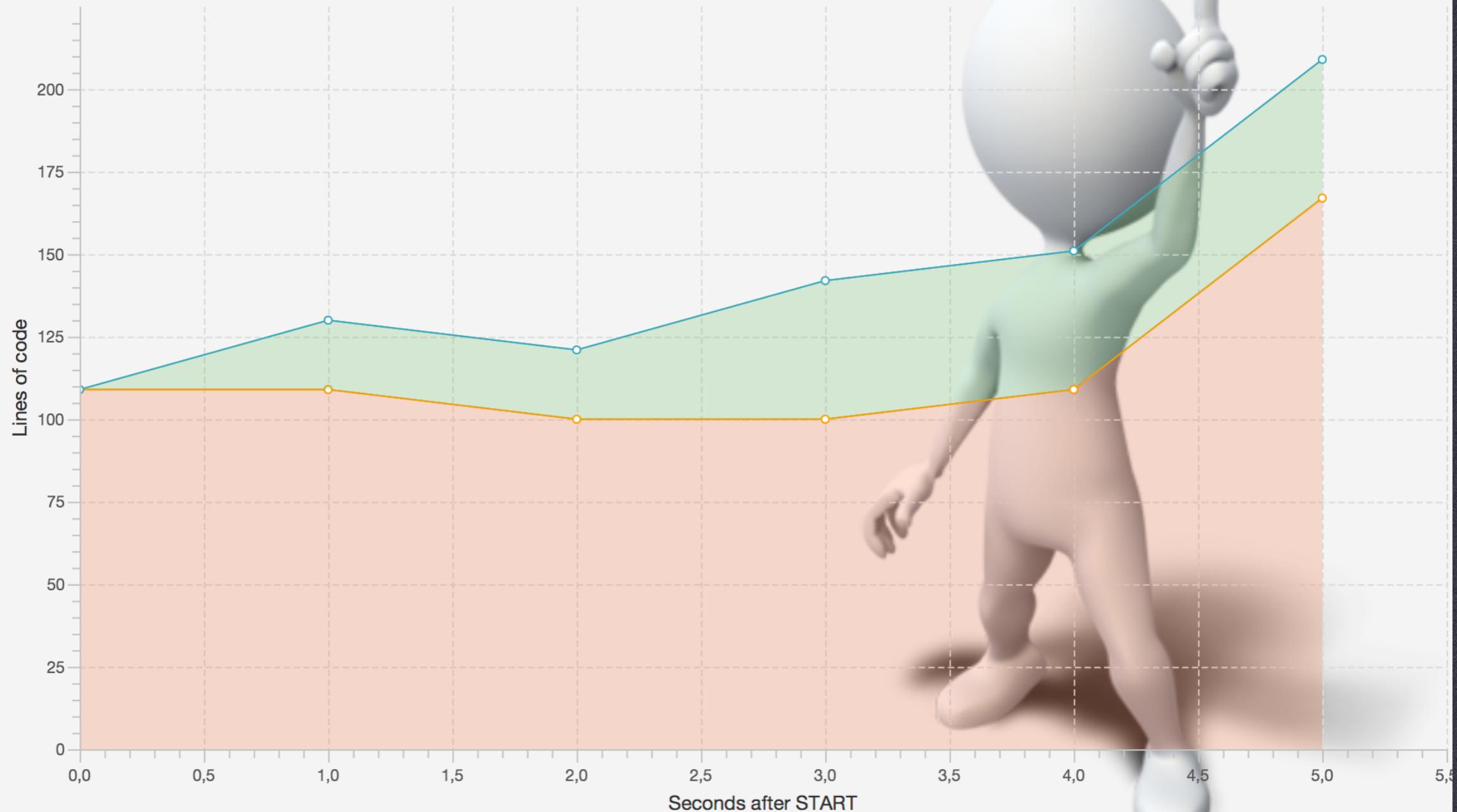
<input checked="" type="checkbox"/>	.java
<input checked="" type="checkbox"/>	.xhtml
<input checked="" type="checkbox"/>	.css
<input checked="" type="checkbox"/>	.fxml

[Save Changes](#)

STUDENT SETTINGS

KANN WÄHREND DES TESTS ANGEWENDET WERDEN

01 in120001 Quality Max



Export Lines-Of-Code-LineChart

created on: 2016-06-19

192.168.0.105 : 50555

1.18.38.216

STUDENT-LINES-OF-CODE-CHART

STACKED-AREA-CHART KANN ZU EINER JPG-FILE EXPORTIERT WERDEN

Teacher Client

Option Student-Settings Student-Info Student-Spy Submission Programm Log Help

Testumgebung Server src main resources styles TeacherStyle.css

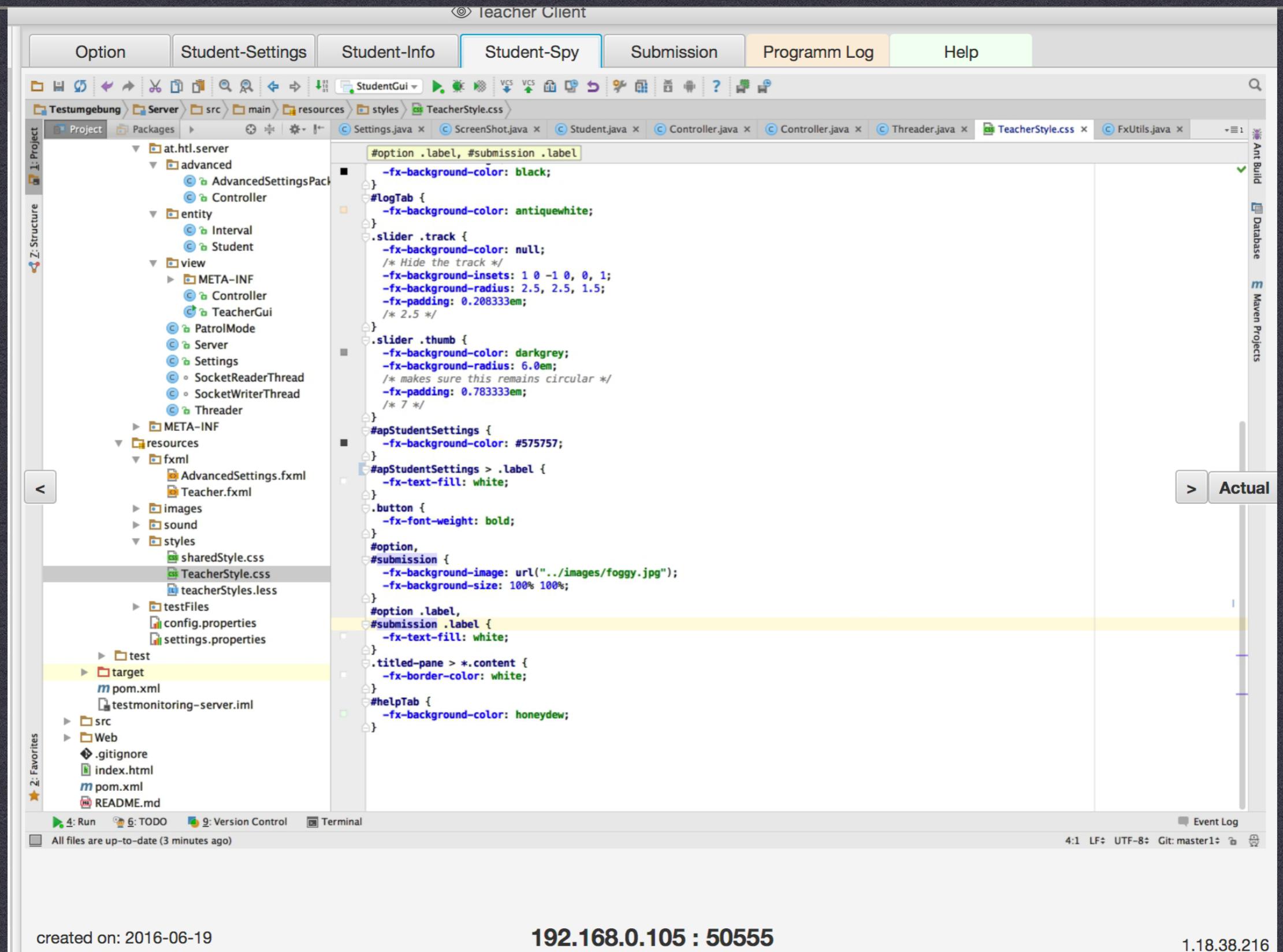
Project Packages Settings.java ScreenShot.java Student.java Controller.java Threader.java TeacherStyle.css FxUtils.java

#option .label, #submission .label
-fx-background-color: black;
#logTab {
-fx-background-color: antiquewhite;
.slider .track {
-fx-background-color: null;
/* Hide the track */
-fx-background-insets: 1 0 -1 0, 0, 1;
-fx-background-radius: 2.5, 2.5, 1.5;
-fx-padding: 0.208333em;
/* 2.5 */
.slider .thumb {
-fx-background-color: darkgrey;
-fx-background-radius: 6.0em;
/* makes sure this remains circular */
-fx-padding: 0.783333em;
/* 7 */
#apStudentSettings {
-fx-background-color: #575757;
#apStudentSettings > .label {
-fx-text-fill: white;
.button {
-fx-font-weight: bold;
#option,
#submission {
-fx-background-image: url("../images/foggy.jpg");
-fx-background-size: 100% 100%;
#option .label,
#submission .label {
-fx-text-fill: white;
.titled-pane > *.content {
-fx-border-color: white;
#helpTab {
-fx-background-color: honeydew;

Actual

4: Run 6: TODO 9: Version Control Terminal Event Log

All files are up-to-date (3 minutes ago) 4:1 LF: UTF-8 Git: master1



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STUDENT-SCREENSHOTS

ZEIGT DEN NEUSTEN SCREENSHOT

Option

Student-Settings

Student-Info

Student-Spy

Submission

Programm Log

Help

**Create Client-JAR****ALL****Export ErrorLog**

TEACHER-LOG

ERRORS, WARNINGS, INFOS

- KANN GEFILTERT UND EXPORTIERT WERDEN

Success Message



exported LineChart successfully !!

Error Message



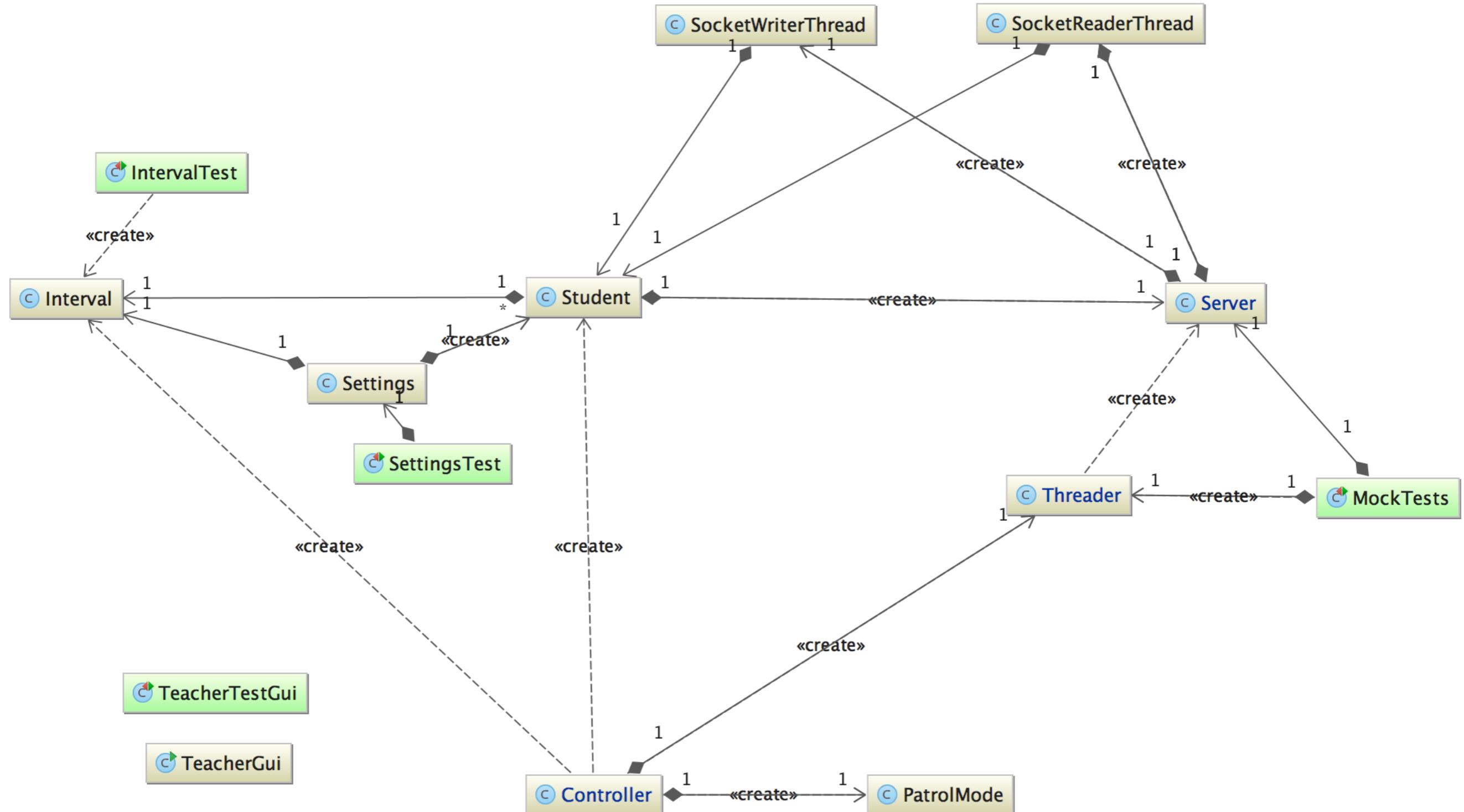
Failed to create! (no export-directory or false file)

POPUP-WINDOWS

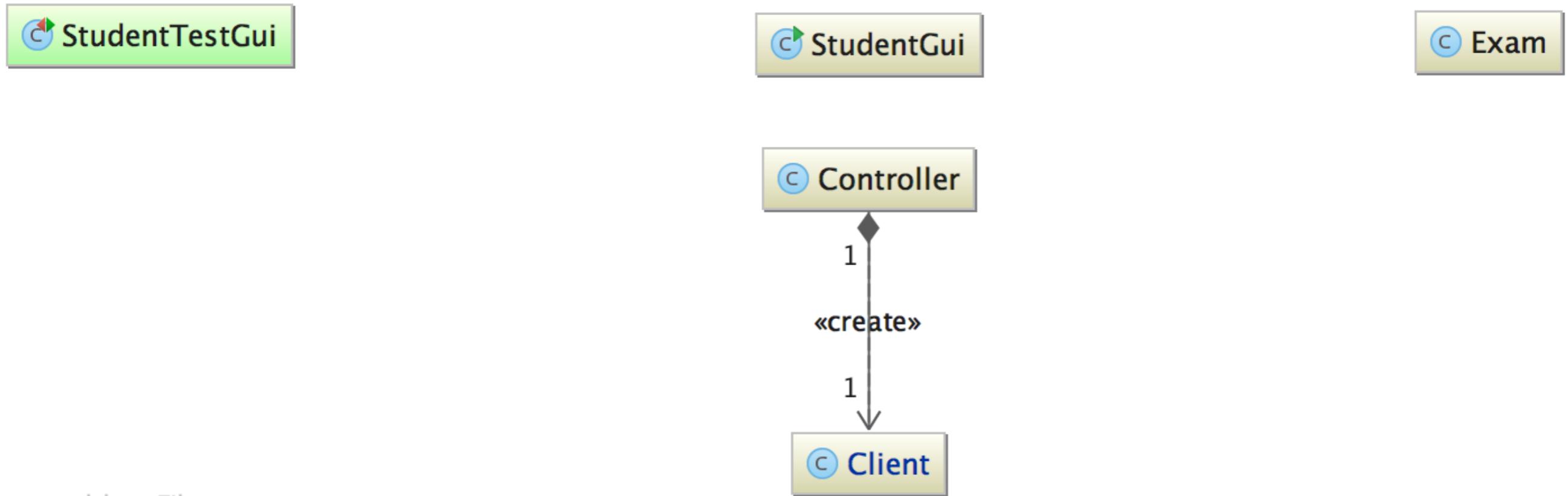
ERFOLGS- UND FEHLERMELDUNGEN

CODE-AUFBAU & STATISTIKEN

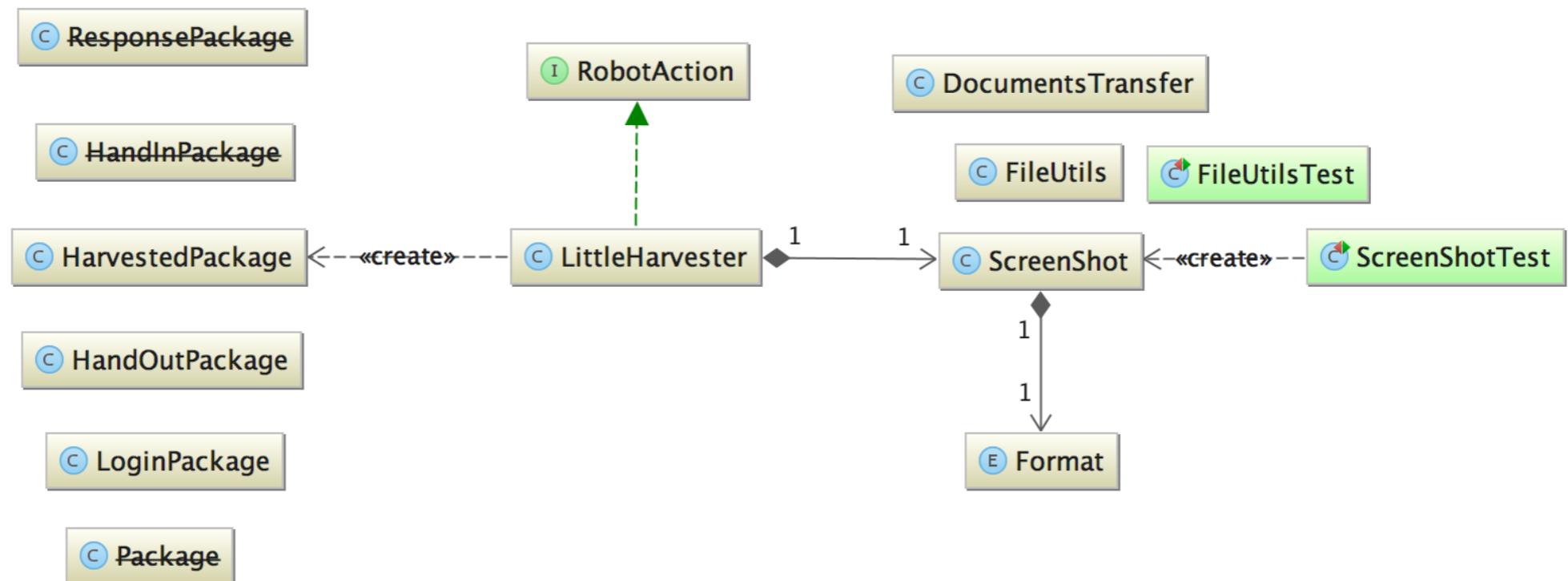
Teacher-diagram



Client-diagram



Common-diagram



Projekt-Statistiken

Zeilen im Projekt

- * Java: 7221
- * fxml: 1582
- * css: 95
- * less: 133

Projekt-Statistiken

Speicherplatz des Projekts

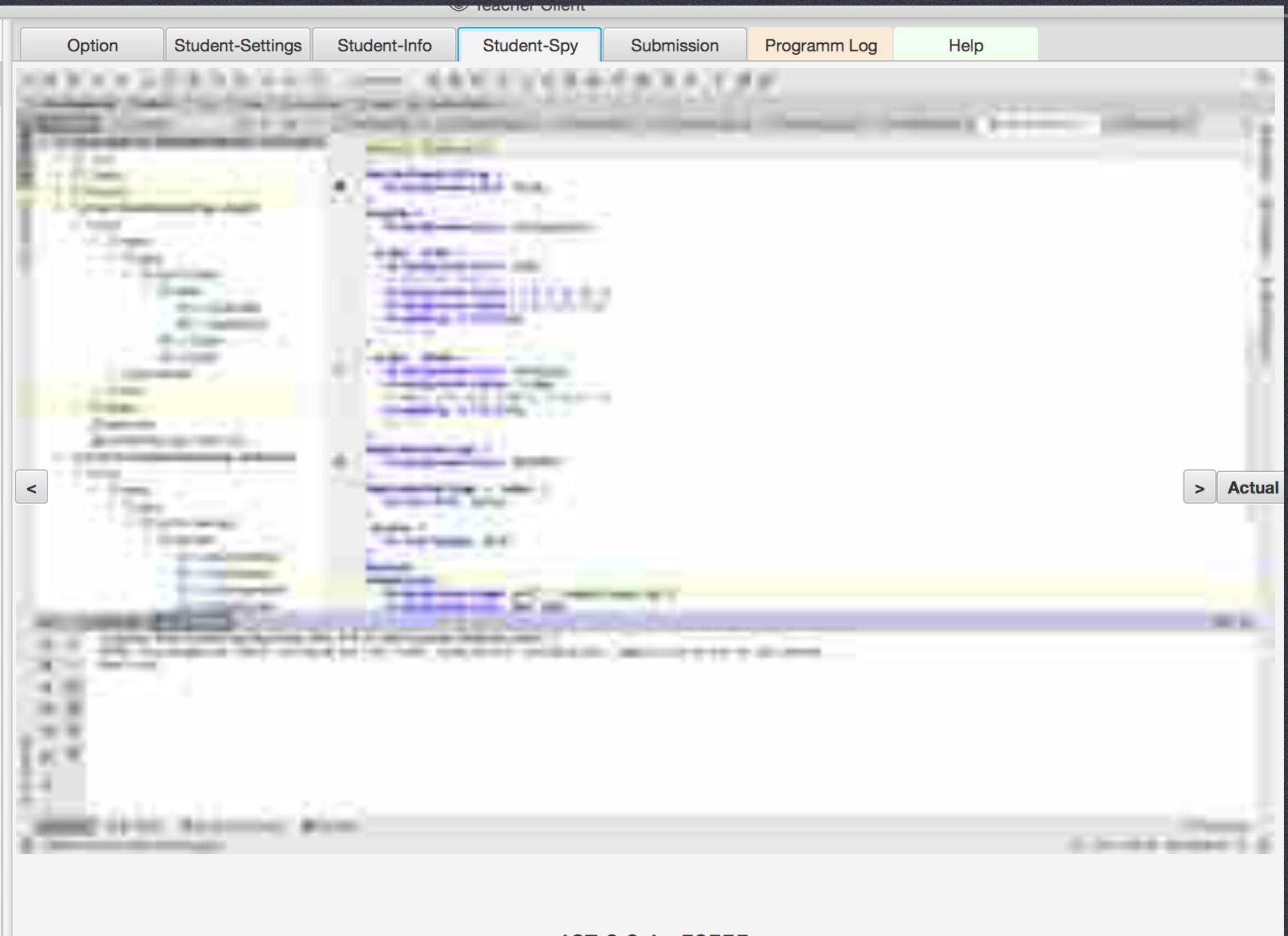
- * IntelliJ-Projekt: 148.7MB
- * Server-JAR: 9.4MB
- * Client-JAR: 7.1MB

Screenshot-files

- * 100% Qualität und 100% Bildschirmgröße
- ▶ Scenario: 5 Stunden-Test mit 20 Schülern
- ▶ 1 Bild -> 0.5MB
- ▶ alle 30 Sekunden einen Screenshot
- ▶ Speicherplatz aller Screenshots: **6GB**

Screenshot-files

- * 20% Qualität und 75% Bildschirmgröße
- ▶ Scenario: 5 Stunden-Test mit 20 Schülern
- ▶ 1 Bild -> 0.075MB (75KB)
- ▶ alle 30 Sekunden einen Screenshot
- ▶ Speicherplatz aller Screenshots: **0,9GB**



20% QUALITÄT UND 20% BILDSCHIRMGRÖSSE
SCREENSHOT

„Danke für Eure Aufmerksamkeit“