

Meeting Agendas: March 22 - May 19

Project Platypus

Hidstrand, Fredrik

Keinestam, Johannes

Sjöqvist, Magnus

Thander, Fredrik

TDA367

Chalmers University of Technology

10 April 2011

Meeting Agenda

Location: 5207, EDIT

Date: 2011-03-22

Time: 14.00-15.00

Facilitator: Johannes

Participants: Johannes, Fredrik H, Fredrik T, Magnus

- Objectives
 - N/A
- Reports
 - We've already decided on a project which is titled Project Platypus, an image batch editor.
- Discussion items
 - We're going to discuss the basic functionality of the program, as well as making some early sketches of the GUI. SVN and the website will hopefully also be up and running.
- Outcomes and assignments
 - First off, the website is up at Google Code (<http://code.google.com/p/tda367-platypus/>). A short description was written and mailed to Joachim von Hacht. SVN was setup in Eclipse, and was quickly tested.
 - We also sketched some preliminary ideas on the whiteboard, and this far our visions seem to line up, with a few compromises to be made.
- Wrap up
 - Our next meeting will be this Thursday at 10.45. We will discuss the structure of the code, and sketching some UML diagrams.

Meeting Agenda

Location: Idéläran grupprum 3

Date: 2011-03-24

Time: 11:00 - 12:00

Facilitator: Fredrik H

Participants: Fredrik H, Fredrik T, Magnus, Johannes

- Objectives
 - Localization
 - GUI-mockup
 - Functionality-list
- Reports
 - SVN and project site is up and as intended after som minor tweaking by Johannes. Some sketching at whiteboard was done for the GUI.
- Discussion items
 - Determine our localization plans.
 - Discuss the look of the general GUI.
 - Functionality
- Outcomes and assignments
 - We decided that we will use properties-files from NetBeans to handle localizations.
 - We have taken pictures of our whiteboard-GUI.
 - Written down a detailed list of functionality and features with priorities.
 - Fredrik H will check out localization in Eclipse.
 - Fredrik T will check out RAD.
 - Johannes will check out import/export between Eclipse and NetBeans.
 - Magnus will check out how to create object from remote class-file during runtime.
- Wrap up
 - Next meeting Tuesday 2011-03-29 13:30-15:00
 - Use cases, (non-)functional demands
 - UML diagram, class/sequence

Meeting Agenda

Location: EDIT 5207

Date: 2011-03-29

Time: 12:30 - 13:20

Facilitator: Johannes

Participants: Fredrik H, Fredrik T, Magnus, Johannes

- Objectives
 - Divide up the use cases
 - Divide UML diagrams
 - Review RAD draft
- Reports
 - RAD draft finished.
 - Research into subject determined at the last meeting finished, and discussed.
- Discussion items
 - Life span of images (preview and full size)
 - RAM optimizations as results of these
- Outcomes and assignments
 - When images are added, thumbnails are generated and span the life of the application.
 - Preview images (mid-size) are only created for one image, which is chosen from a dropdown menu. By default, the first image in the queue is chosen. These span the life of the Add Filters phase.
 - Result images and their full-size originals are only loaded when the user clicks Save in the save dialog.
 - Determined what we consider a use case; only the ones with user interaction. This due to the principle that use cases should be readable by non-experts, i.e. only functional requirements.
 - Johannes will write the RAD.
 - Fredrik H will write a sequence diagram and transcribe use cases.
 - Fredrik T will make GUI mockups on the computer.
 - Magnus will transcribe use cases.
- Wrap up
 - Next meeting Thursday 2011-03-31 10:00-14:00
 - Static model
 - Compile RAD

Meeting Agenda

Location: EDIT 5205

Date: 2011-03-31

Time: 10:30 - 12:30

Facilitator: Fredrik T

Participants: Fredrik H, Fredrik T, Magnus, Johannes

- Objectives
 - Design and construction of the UML
- Reports
 - The sequence diagram isn't finished
- Discussion items
 - Design of the UML
 - Do the GUI-mockup give a correct representation of our thoughts
 - What functionality does the program need that isn't based on a Use Case
- Outcomes and assignments
 - UML -- Done
 - Johannes constructs the GUI
 - Fredrik H finally designs the Sequence diagram and constructs ImageBatch+URLIcon
 - Fredrik T starts with filters
 - Magnus constructs FilterContainer and ActiveFilters
- Wrap up
 - Next meeting Thursday 2011-04- 12:00-13:00
 - Check how the program is coming along

Meeting Agenda

Location: EDIT 3358

Date: 2011-04-05

Time: 13:00 - 14:00

Facilitator: Magnus

Participants: Fredrik H, Fredrik T, Magnus, Johannes

- Objectives
 - Discuss plugins
 - Class for images
- Reports
 - Johannes has made a GUI
 - Fredrik H fails again
 - Fredrik T has made an interface for filters
 - Magnus has constructed FilterContainer and ActiveFilters
- Discussion items
 - General GUI implementation of filters
 - Plugins
 - Multi wrapper class for images
- Outcomes and assignments
 - Wrapper class should be initiated with URL, BufferdImages should be produced when needed (i.e. at last stage when filters are applied)
 - Johannes fixes working use case: add image
 - Fredrik H fixes sequence diagram? Wrapper class.
- Wrap up
 - Next meeting Thursday 2011-04-07 11:00-12:00
 - Start SDD
 - Decide more use case implements
 - Write more use case?

Meeting Agenda

Location: EDIT Linsen

Date: 2011-04-07

Time: 10:30 - 11:30

Facilitator: Fredrik H

Participants: Fredrik H, Fredrik T, Magnus, Johannes

- Objectives
 - Discuss system design
- Reports
 - Johannes has made a working use case
 - Fredrik H has finally made a sequence diagram, along with class BatchImage
 - First use case (Add Image to Batch) is up and running!
- Discussion items
 - Filters - how to provide support for custom components? Security concerns?
 - How to contain runaway filters.
- Outcomes and assignments
 - Filters will provide a custom JPanel containing means to change values for the filter.
 - Provide abort ability in case of hangup.
 - Magnus will write remaining use cases.
 - Fredrik T will write a preliminary SDD.
 - Johannes will beautify the GUI.
 - Fredrik H will restructure the program
- Wrap up
 - Next meeting Tuesday 2011-04-12 12:00-13:00
 - Review changes
 - Review use cases

Meeting Agenda

Location: EDIT 5211

Date: 2011-04-12

Time: 12:00 - 13:30

Facilitator: Fredrik T

Participants: Fredrik H, Fredrik T, Magnus, Johannes

- Objectives
 - Review SDD
- Reports
 - Johannes has beautified the GUI
 - Magnus has written some additional Use Cases
 - Fredrik T has checked out the SDD and started writing
 - Fredrik H has done nothing
- Discussion items
 - SDD
- Outcomes and assignments
 - Reviewed SDD
 - Nice Use Cases
 - The beautified GUI was admired by the whole crew
 - Fredrik T will write even more SDD
 - Fredrik H will help Fredrik T
 - Johannes will write the filter implementation
 - Magnus will write a filter (Black&White?)
- Wrap up
 - Next meeting Thursday 2011-04-14 11:00-12:30
 - Review changes and comments from handler

Meeting Agenda

Location: EDIT 6217

Date: 2011-04-14

Time: 11:00 - 12:00

Facilitator: Magnus

Participants: Fredrik H, Fredrik T, Magnus, Johannes

- Objectives
 - Resolve SVN-issues
 - Write more subsystems in SDD
- Reports
 - Johannes has implemented addfilter
 - Magnus has implemented BW-filter
 - Fredrik T has written SDD
 - Fredrik H has written SDD
- Discussion items
 - SVN
 - SDD
- Outcomes and assignments
 - More subsystems
 - Remove filter, remove images. Add checkbox thumbnailImage(J)
 - Show preview, set new preview, apply filter batch on preview.(F.T)
 - Save images/ apply filters (F.H)
 - Save/load preset. More filters.(M)
- Wrap up
 - Informal communication during break.

//TODO:

//Preview

IFilter extends observable, en klass som applicerar filter på preview lyssnar efter förändringar på alla active filters och kör igenom alla filter på previewbilden.

//Apply filter on batch->Save images (IO)

Open set preview dialog//(gui ändrar preview-> (ctrl.setNewPreview(batchImage) (converts down to small image) -> model.setCurrentPreview(batchImage) (sets instance variable Preview to image) + notifylisteners). GUI lyssnar->ändrar preview i GUI)

//Remove images

//Preset

//Mer filter

Meeting Agenda

Location: Student Union House

Date: 2011-05-03

Time: 12:30 - 13:30

Facilitator: Johannes

Participants: Fredrik H, Fredrik T, Magnus, Johannes

- Objectives
 - Review of progress thus far.
 - Planning for remaining weeks.
- Reports
 - Practically all assignments completed during Easter break.
- Discussion items
 - Problem with memory usage when loading images.
 - GUI: removal of change preview button, default folder in save view
 - Planning
- Outcomes and assignments
 - No ideas regarding memory usage - will consult handler
 - Plan:
 - May 10: Finished application, functionality-wise.
 - May 17: Absolutely finished, including SDD, RAD, filter documentation, unit testing, JDepends, refactoring, commenting
 - Last week: preparing oral presentation, last bug fixes
 - GUI: new buttons, remove set preview button, handle set preview state changes, defaults in save view, display image processing in apply view, fix finished view, implement load preset, abort operation. (Johannes)
 - Make filters: Black/White, resize, contrast, watermark, blur, sharpen, crop. Preset loading from HDD, getting preset list, method loadPreset(Preset p). (Magnus)
 - Make save images/apply filter work in conjuncture. More, better threading incl. kill apply filter thread, check bmp support, making filter observable and make model/ctrl listen. (Fredrik H.)
 - Making previews visible, possible troubleshooting, load and scale thumbnail, import filter in GUI. (Fredrik T.)
- Wrap up
 - Next meeting: Thursday 2011-05-05 11:00-12:00
 - Decide solution for generating thumbnails/loading images

Meeting Agenda

Location: 4207 EDIT

Date: 2011-05-05

Time: 10:30 - 11:30

Facilitator: Magnus

Participants: Fredrik H, Fredrik T, Magnus, Johannes

- Objectives
 - Discuss recent commits.
- Reports
 - Faster preview loading.
 - Presetlist
- Discussion items
 - Dependencies
- Outcomes and assignments
 - Dependencies cycles are present but not serious.
- Wrap up
 - Next meeting: Tuesday 2011-05-10 12:15-13:00
 - Review of complete program.

Meeting Agenda

Location: 4207 EDIT

Date: 2011-05-10

Time: 10:30 - 11:30

Facilitator: Fredrik T

Participants: Fredrik H, Fredrik T, Magnus, Johannes

- Objectives
 - Discuss current state of software
- Reports
 - Practically done
- Discussion items
 - Planning for the upcoming 'work week'
- Outcomes and assignments
 - Until thursday:
 - setPreview on thumbnails is weird when setting last image as preview (Johannes)
 - addfilterpanel.properties, Filternamn should be null (Fredrik T)
 - Maybe remove borders on preview panels (Fredrik T)
 - Text in ApplyViewPanel (Fredrik T)
 - Naming and look conventions for filters (incl. preferred size) (Magnus)
 - Abort operation fail (Fredrik H)
 - Fix preset (Magnus)
 - Until tuesday next week:
 - Unit testing for whole Ctrl package
 - Finishing documentation, i.e. RAD, SDD, possible install guide and plugin coding guide.
 - Structuring code, design patterns?
 - Commenting code
- Wrap up
 - Next meeting: Thursday 2011-05-12 11:00-12:00
 - Review SDD and RAD

Meeting Agenda

Location: EDIT Linsen

Date: 2011-05-12

Time: 11:00 - 12:00

Facilitator: Fredrik H

Participants: Fredrik H, Fredrik T, Magnus, Johannes

- Objectives
 - Planning for finishing dash.
- Reports
 - Everything except presets work.
- Discussion items
 - Preset
 - Interfacing
 - Threading
- Outcomes and assignments
 - Until Tuesday next week:
 - (Johannes) Unit testing for whole Model package and as much Ctrl as possible. Write install guide
 - (All) Finishing documentation, i.e. RAD, SDD, commenting code.
 - (Fredrik T) Structuring code, design patterns?
 - (Fredrik H) Fix threading.
 - (Magnus) Fix presets and plugin coding guide.
- Wrap up
 - Next meeting: Tuesday 2011-05-17 12:00-13:30.
 - Make presentation.

Meeting Agenda

Location: EDIT 3213

Date: 2011-05-17

Time: 11:00 - 13:00

Facilitator: Fredrik T

Participants: Fredrik H, Fredrik T, Magnus, Johannes

- Objectives
 - Finish presentation for pitch.
 - Discuss what's left to program.
- Reports
 - Threading done.
 - To be done
 - Implement new interfaces for Ctrl and Model
 - A few more filters
 - Commenting code
 - Unit testing
 - General restructuring
- Discussion items
 - Presentation
- Outcomes and assignments
 - Presentation practically done. Needs image of structure and dependencies when programming is done.
 - Assignments same as before. However, everyone should practice their part of the presentation.
- Wrap up
 - Next (Last!) meeting: Thursday 2011-05-19 11:00-13:30.
 - Do a run-through of the presentation.
 - Last programming assignments
 - Print self-evaluations

Meeting Agenda

Location: EDIT 3217

Date: 2011-05-19

Time: 10:30 - 11:45

Facilitator:

Participants: Fredrik H, Fredrik T, Magnus, Johannes

- Objectives
 - Reviewing final comments from handler
- Reports
 - Some unit testing.
 - Filters updated and uploaded.
- Discussion items
 - Comments from handler
 - Testing of model
 - Using interfaces in Locator (and thus eliminating the dependency between util and ctrl)
 - Subpackage for implementation of Ctrl Interfaces
 - Documentation (incl. diagrams)
 - Presentation
- Outcomes and assignments
 - Unit testing (Fredrik H, everyone)
 - Filters (Magnus)
 - Restructuring (Fredrik T)
 - Splash screen (Johannes)
- Wrap up
 - Presentation practice: Tuesday 2011-05-24 10:00-11:30.
 - Presentation: Tuesday 2011-05-24 13:00-15:30.