

name: Zach Bartlett
date: Feb 7, 2011
program: i1
instructor: Dr. Page

time log:

-date: Jan 19, 2011
start time: 4:30PM
end time: 6:00PM
phase: plan

comment: Brainstormed on topics for group project, decided on APNG creator and discussed options.

-date: Jan 24, 2011
start time: 10:00PM
end time: 1:00AM
phase: plan

comment: Researched PNG specifications as well as zlib DEFLATE and INFLATE implementations (puff.c)

-date: Jan 26, 2011
start time: 2:00PM
end time: 4:00PM
phase: plan

comment: Worked on t2 and updated diagrams for the forward and reverse pnga process as well as xml schema.

-date: Jan 31, 2011
start time: 4:30PM
end time: 5:30PM
phase: plan

comment: Looked over Mrankings in order to prune data for the new PROBE table

-date: Feb 6, 2011
start time: 12:00AM
end time: 1:00AM
phase: plan

comment: Updated t3.odt -included Brett's probe table and graph -updated Style and Standards to include code comments sections

-date: Feb 9, 2011
start time: 12:00AM
end time: 2:00AM
phase: plan

comment: Worked on i2 peer evaluations and concatenated files together to submit. Ran PSP++ on i1

-date: Feb 14, 2011
start time: 3:00PM
end time: 4:30PM
phase: plan

comment: Added PNG and APNG specification documentation to t5update explaining chunks and data types

-date: Feb 14, 2011
start time: 4:30PM
end time: 5:45PM

phase: plan

comment: Worked on t6 with Brett in sections prior to Modules. Mostly cosmetic and need for explanation markers in review of t5.

-date: Feb 17, 2011

start time: 12:30PM

end time: 5:00PM

comment: worked on t6 and t7, rehashed design and module diagram after intensive reorganization of modules and functions

-date: Feb 20, 2011

start time: 9:30PM

end time: 11:00PM

comment: Created detailed documentation for APNGExploder and PNGUtilities modules including all functions contained within, their parameters, and return schema

-date: Feb 21, 2011

start time: 4:30PM

end time: 6:00PM

comment: concatenated all group members work on t7 modules and Kye's diagrams into t7.odt, also worked on interface sigs and cons

-date: Feb 23, 2011

start time: 4:30PM

end time: 5:30PM

comment: worked on cons for buildACTL

-date: Feb 24, 2011

start time: 9:30PM

end time: 10:30PM

comment: worked on cons for IpngUtils, ran into some errors in comments and need to talk with group to clarify

-date: Mar 1, 2011

start time: 5:30PM

end time: 5:50PM

comment: imported comments for function descriptions and began work on IxmlUtils

-date: Mar 4, 2011

start time: 3:15PM

end time: 6:20PM

comment: worked on animate in Mio, completed implementation - updated stubs for MxmlUtils

-date: Mar 6, 2011

start time: 4:00PM

end time: 4:30PM

comment: worked on implementation of MxmlUtils, in particular parseXML and getFrames

-date: Mar 6, 2011

start time: 5:30PM

end time: 7:30PM

comment: worked on implementation of MxmlUtils and Mio, in particular reworked animate to adjust for the obtaining of PNG image data given filenames from parseXML

-date: Mar 7, 2011
start time: 4:00PM
end time: 4:20PM
comment: began MapngBuilder module, added comments to functions and initial requires/includes

-date: Mar 7, 2011
start time: 4:30PM
end time: 4:50PM
comment: added two cons to IapngBuilder for buildACTL and buildFCTL

-date: Mar 7, 2011
start time: 5:00PM
end time: 5:20PM
comment: updated contracts in IapngBuilder and IxmlUtils for parseXML and getFrames

-date: Mar 9, 2011
start time: 4:00PM
end time: 4:20PM
comment: updated i4 for individual logs and defects

-date: Mar 21, 2011
start time: 4:00PM
end time: 4:20PM
comment: fixed IapngUtils header in an attempt to run contracts created by Ed

-date: Mar 21, 2011
start time: 4:20PM
end time: 6:00PM
comment: worked with Ed to finalize changes to Builder functions for pngUtils, xmlUtils, and IO

-date: Mar 21, 2011
start time: 5:00PM
end time: 5:20PM
comment: worked with Ed to finalize changes to Builder functions for pngUtils, xmlUtils, and IO

-date: Mar 23, 2011
start time: 4:30PM
end time: 5:30PM
comment: Began looking at Exploder path for xmlUtils and IO modules with help from Micah's work in apngExploder

-date: Mar 24, 2011
start time: 1:30PM
end time: 6:30PM
comment: Worked with Ed on MapngBuilder, in particular the functions buildFCTL and buildACTL. Brainstormed on the use of fDAT and fcTL sequence numbers with relation to IDAT. Implemented functions in Mio, in particular suspend and configFileName, to append dummy filenames to pngs exploded from apng

-date: Mar 24, 2011
start time: 6:30PM
end time: 6:35PM

comment: updated meeting log for group meeting on March 24

-date: Mar 28, 2011

start time: 4:30PM

end time: 5:45PM

comment: worked with Kye to start testing animate with real png data. Needed to find a way to build many png images and the appropriate xml document without suspend (yet uncompleted). Used imagemagick to convert a gif to pngs and am working on a way to convert a youtube video to pngs.

defect log:

-date: Feb 6, 2011

type: design

fix time: 20

comment: Fixed Defect Database schema to be more consistent with PSP++
schema

-date: Feb 17, 2011

type: design

fix time: 60

comment: Fixed the program flow for forward diagram, separated XMLUtils from IO and need to pass state.

-date: Feb 17, 2011

type: design

fix time: 45

comment: Fixed the program flow for the reverse diagram, combined unnecessary module into PNGUtils and reworked incorrect data flow in APNGExploder.

-date: Mar 4, 2011

type: code

fix time: 20

comment: reevaluated mv structure of animate to fix problems with returning png data

-date: Mar 7, 2011

type: code

fix time: 5

comment: fixed syntax problems in openFiles such that openFile was not being called correctly

-date: Mar 21, 2011

type: code

fix time: 15

comment: fixed syntactical errors in MxmlUtils regarding parenthesis and order of function parameters

-date: Mar 24, 2011

type: code

fix time: 25

comment: fixed problem in suspend where order of variables in let* was not providing the correct functionality for the xmlUtils functions such that redundant functions were not necessary.

-date: Mar 24, 2011

type: code

fix time: 20
comment: buildAPNG needed to be able to return a string error to console if
a particular frame could not be included in the build - fixed appropriate IO
functions to allow for this case

-date: Mar 24, 2011
type: code
fix time: 15
comment: fixed syntax errors and linking errors in many interfaces and test
files to allow for initial syntax, con, and check-expect tests.

-date: Mar 28, 2011
type: code
fix time: 15
comment: closed the issue for sample png data and fixed a few small errors
of no end cases in functions within apngBuilder and IO.