LogViewer

~ static void display()

ImageTagger

+ static void main(String[]) + void start(Stage)

InterestingFeatureWindow

static MainWindowController controller ~ static void display(String)

HomeScene

- ApplicationButtons appButtons
- BorderPane borderPane
- static Scene sceneMain
- BorderPane layout()
- MenuBar topMenu()
- VBox leftSideMenu()
- static Scene getScene()
- void setMainScene()

ProgramStage

- CustomizeScene customizeScene HomeScene mainScene
- $Image Tag Scene\ image Tag Scene$
- MasterTagListScene masterTagListScene R
- NameHistoryScene nameHistoryScene
- static Stage primaryStage void setScenes()
- static Stage getStage()
- void display()

MasterTagListScene

- ApplicationButtons appButtons
- static Scene masterTagListScene
- static ArrayList<CheckBox> checkBoxes
- v static VBox leftBox
- BorderPane layout()
- VBox rightMenu()
- ~ static Scene getScene()
- ~ void setMasterTagListScene()

NameHistoryScene

- ApplicationButtons appButtons
- static Scene NameHistoryScene
- ~ static ArrayList<CheckBox> checkBoxes
- ~ static VBox leftBox
- BorderPane layout()
- VBox rightMenu()
- ~ static Scene getScene()
- ~ void setNameHistoryScene()

ImageTagScene

- ApplicationButtons appButtons
- static Scene imageTagScene
- static ArrayList<CheckBox> checkBoxes
- static VBox leftBox
- BorderPane layout()
- VBox rightMenu()
- ~ static Scene getScene()
- ~ void setImageTagScene()

Tag

String tagRepresentation

+ String getTimeStamp()

~ String getRepresentation()

+ boolean equals(Tag)

~ boolean isValidTag()

String representation

String timeStamp

+ String getTag()

+ String toString()

- File file
- ImageLogger logger
- TagManager tagManager
- + File getFile()
- + void changeName(String)
- + void removeTag(ArrayList<String>)
- + void resetImageTags()
- TagManager scanNameForTags(String)

- ~ boolean equals(ImageFile)

ImageFile

- String imageName
- + ArrayList < Tag > getTags()
- + String getName()
- + String toString()

- + void tagImage(Tag)
- void notifyObserver(String)
- void setName(String)

+ ArrayList<Tag> getTagList() + String toString() + boolean containsTag(Tag)

ArrayList < Tag > tagList

static final String filePath

+ static void deleteTagFromCurrentTags(Tag)

TagManager

static ArrayList<Tag> allAvailableTags

- + void addTag(Tag)
- + void removeTag(Tag)
- + void resetTags()
- static boolean masterTagListContainsTag(Tag) static void clearFile()
- static void readAvailableTagsFile()
- static void writeFile()
- void updateCurrentTags()

ImageLogger

- static ImageLogger ourInstance static final String filePath
- + static ImageLogger getOurInstance()
- + void update(Observable, Object)
- static void createAvailableTagsFile()
- void writeFile(String)

DirectoryManager

- ArrayList<File> fileList
- ImageManager directoryImages
- + FileVisitResult postVisitDirectory(Path, IOException)
- + FileVisitResult preVisitDirectory(Path, BasicFileAttributes)
- + FileVisitResult visitFile(Path, BasicFileAttributes)
- + FileVisitResult visitFileFailed(Path, IOException) + ImageManager getDirectoryImages()
- + void addImagesDirectory()
- + void clearFilesList()
- + void getFilesInDirectory(File)
- + void getFilesUnderDirectory(File)
- boolean isValidImage(File)

MainWindowController

- DirectoryManager directoryManager
- File file ImageFile selectedImageFile

ImageManager

+ ArrayList<ImageFile> getImageList()

ArrayList<ImageFile> imageList

+ void removeImage(ImageFile)

boolean containsImage(ImageFile)

+ void addImage(ImageFile)

+ void clearImageList()

- boolean toggleChecker
- static MainWindowController controller
- ArrayList<String> findOldNames()
- void toggleView()
- ArrayList<String> findImageFileWithTags(String)
- ImageFile getSelectedImageFile()
- static MainWindowController getInstance()
- ~ void leftMenuBuilder() ~ void leftNameMenuBuilder()
- ~ void moveDirectory() ~ void readAvailableTags()
- ~ void selectDirectory()
- ~ void selectedImage() ~ void showImageNames()
- ~ void tagImage()