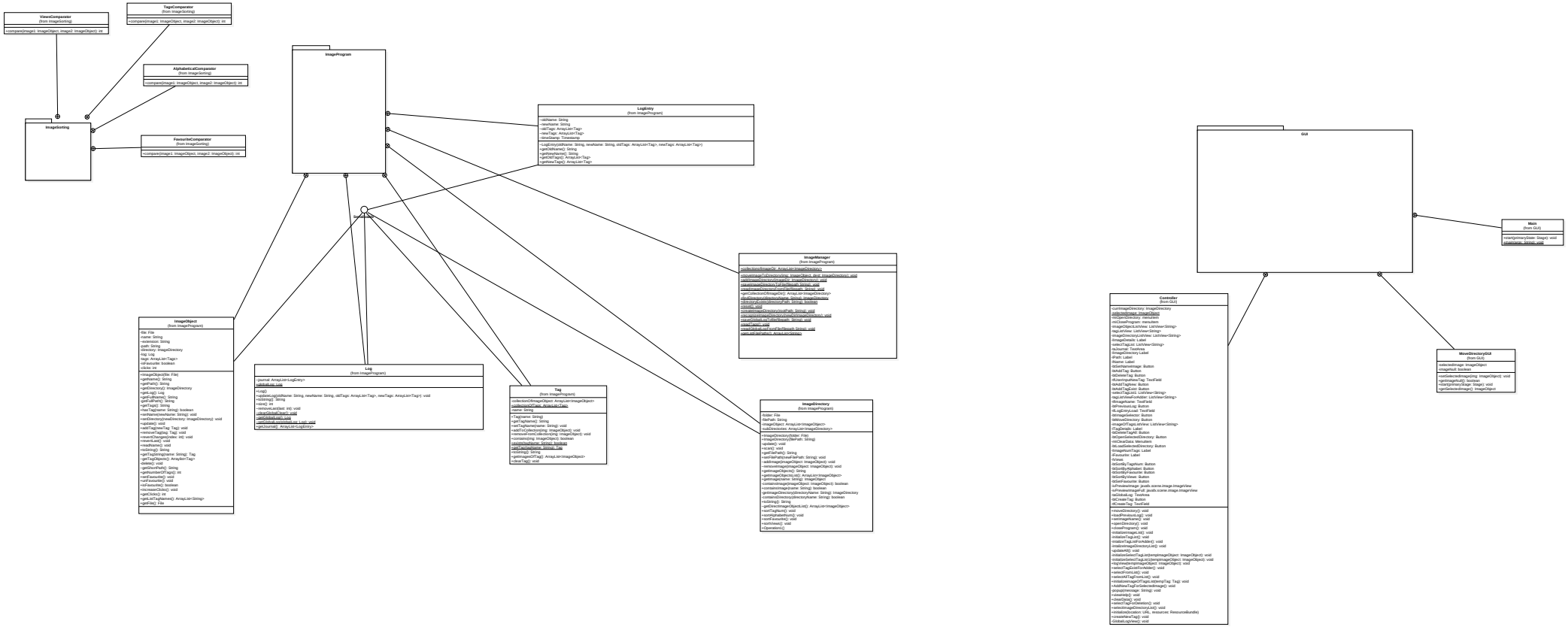
Model::Main


ViewsComparator
(from ImageSorting)
+compare(image1: ImageObject, image2: ImageObject): int
TagsComparator
(from ImageSorting)
+compare(image1: ImageObject, image2: ImageObject): int
AlphabeticalComparator
(from ImageSorting)
+compare(image1: ImageObject, image2: ImageObject): int
ImageSorting
FavouriteComparator
(from ImageSorting)
+compare(image1: ImageObject, image2: ImageObject): int
ImageProgram
LogEntry
(from ImageProgram)
-oldname: String
-newname: String
-oldTags: ArrayList<Tag>
-newTags: ArrayList<Tag>
-timeStamp: Timestamp
+LogEntry(oldName: String, newname: String, oldTags: ArrayList<Tag>, newTags: ArrayList<Tag>)
+getOldname(): String
+getNewname(): String
+getOldTags(): ArrayList<Tag>
+getNewTags(): ArrayList<Tag>
Serializable
ImageObject
(from ImageProgram)
-file: File
-name: String
-extension: String
-path: String
-parent: ImageDirectory
-log: Log
-tags: ArrayList<Tag>
-isFavourite: boolean
-clicks: int
+imageObject(file: File)
+getName(): String
+getPath(): String
+getDirectory(): ImageDirectory
+getExt(): String
+getFullName(): String
+getFullPath(): String
+getTags(): String
+hasTag(name: String): boolean
+setName(newName: String): void
+setDirectory(newDirectory: ImageDirectory): void
+setTags(): void
+addTagNewTag: Tag): void
+removeTag(tag: Tag): void
+saveChanges(clicks: int): void
+revertLast(): void
+getClicks(): int
+toString(): String
+getTagString(name: String): Tag
-getTagObjects(): ArrayList<Tag>
-delete(): void
-getDirPath(): String
+getNumberOfTags(): int
+setClicks(): void
+setFavourite(): void
+isFavourite(): boolean
+increaseClicks(): void
+getClicks(): int
+getListTagNames(): ArrayList<String>
+getFile(): File
Log
(from ImageProgram)
-journal: ArrayList<LogEntry>
-instanceLog: Log
+Log()
+updateLog(oldName: String, newname: String, oldTags: ArrayList<Tag>, newTags: ArrayList<Tag>): void
+toString(): String
+size(): int
-removeLastItem(int i): void
+getInstanceLog(): Log
-setInstanceLog(): void
-getJournal(): ArrayList<LogEntry>
Tag
(from ImageProgram)
-collectionOfImageObject: ArrayList<ImageObject>
-collectionOfTags: ArrayList<Tag>
-name: String
+Tag(name: String)
+getTagname(): String
+setTagname(name: String): void
+addToCollection(img: ImageObject): void
+removeFromCollection(img: ImageObject): void
+contains(img: ImageObject): boolean
-equals(tagName: String): boolean
-getTag(tagName: String): Tag
+toString(): String
+getImagesOfTag(): ArrayList<ImageObject>
+clearTag(): void
ImageManager
(from ImageProgram)
-collectionImageDir: ArrayList<ImageDirectory>
-moveImageToDirectory(img: ImageObject, dest: ImageDirectory): void
-addImageDirectory(imageDir: ImageDirectory): void
-makeImageDirectory(nFullPathStr: String): void
-makeImageDirectory(nFullPathStr, dirNam: String): void
+getCollectionOfImageDir(): ArrayList<ImageDirectory>
-getImageObjectsAt(fullPath: String): ImageObject
-getDirectoryCollectionOf(dirPath: String): ImageDirectory
+initialize(): void
-removeImageDirectory(dirPath: String): void
-recursivelyremoveDirectory(removeDirectory): void
-deleteFolderAndFiles(fileath: String): void
-initializeTags(): void
-initializeFile(fileath: String): void
-saveTags(): void
ImageDirectory
(from ImageProgram)
-folder: File
-filePath: String
-imageObjectsArrayList: ArrayList<ImageObject>
-imageDirectoryArrayList: ArrayList<ImageDirectory>
+imageDirectory(folder: File)
+imageDirectory(filePath: String)
+update(): void
+scan(): void
+getFilePath(): String
+setFilePath(newFilePath: String): void
-addImage(imageObject: imageObject): void
-removeImage(imageObject: imageObject): void
+getImageObjects(): String
+getImageObjectsList(): ArrayList<ImageObject>
+getImage(name: String): ImageObject
+containsImage(imageObject: imageObject): boolean
+containsImage(name: String): boolean
-getImageDirectory(directoryName: String): ImageDirectory
+containsDirectory(directoryName: String): boolean
+toString(): String
-getDirectoryImageObjectsList(): ArrayList<ImageObject>
+sortTagNum(): void
+sortAlphabetically(): void
+sortFavourite(): void
+getNumber(): int
+Operation()
Gui
Main
(from GUI)
+start(primaryStage: Stage): void
+main(args: String): void
Controller
(from GUI)
-currImageDirectory: ImageDirectory
-selectedImage: ImageObject
-imageDirectoryMap: HashMap
-initCloseProgram: menuItem
-imageObjectsListView: ListView<String>
-tagsListView: ListView<String>
-imageDirectoryListView: ListView<String>
-initializeTagsList: Button
-selectTagsList: ListView<String>
-saJournal: TextArea
-ImageDirectory Label
-lPath: Label
-lName: Label
-bSetNewImage: Button
-bSetTags: Button
-bDeleteTag: Button
-tfUseImpliedNewTag: TextField
-bAddTagNew: Button
-bAddTagList: Button
-lstAddTagsSelectedImage: ListView<String>
-tagsListNewFolderAdder: ListView<String>
-tfImageName: TextField
-bPreviewLog: Button
-tfLogEntryLoad: TextField
-bImageSelector: Button
-bMoveDirectory: Button
-lstTagsNewImage: ListView<String>
-lTagDetails: Label
-bDeleteTagAll: Button
-bOpenSelectedDirectory: Button
-miClearData: MenuItem
-bLoadSelectedDirectory: Button
-lImageNumTags: Label
-lFileSize: Label
-tSnap
-bSortByTagsNum: Button
-bSortByAlphabet: Button
-bSortByFavourite: Button
-bSortByNum: Button
-bSetFavourite: Button
-iv1PreviewImage: javafx.scene.image.ImageView
-iv2PreviewImageFull: javafx.scene.image.ImageView
-taGlobalLog: TextArea
-bCreateTag: Button
-tfCreateTag: TextField
+moveDirectory(): void
+loadPreviousLog(): void
+closeProgram(): void
+openDirectory(): void
+closeProgram(): void
+initializeImages.init(): void
+initializeTagsList(): void
+initializeTagsListForAdder(): void
+initializeImageDirectoryList(): void
+initialize(): void
+initializeSelectTagsList(pressImageObject: ImageObject): void
+initializeSelectTagsList1(tempImageObject: ImageObject): void
+tagViewDetailsImageObject: ImageObject): void
+selectTagsListForAdder(): void
+selectFromList(): void
+selectAllTagsFromList(): void
+addTagToSelectedImage(pTag: Tag): void
+addNewTagToSelectedImage(): void
-popup(message: String): void
+save(e): void
+clearData(): void
+setNewImage(): void
+selectImageDirectory(e): void
+initialize(location: URL, resources: ResourceBundle)
+createNewTag(): void
-GlobalLogView(): void
MoveDirectoryGUI
(from GUI)
+selectedImage: ImageObject
-imageNull: boolean
+setSelectedImage(img: ImageObject): void
+getImageNull(): boolean
+start(primaryStage: Stage): void
+getSelectedImage(): ImageObject