Controller

+ setModel: void
+ getTagManager: TagManager
+ getImageManager(): ImageManager
+ addTag(): void
+ RemoveTag(): void
+ ChangeName(): void
+ ToggleTag(): void
+ Add(): void
+ Browse(): void
+ SelectImageChosenImage(): void
+ SelectImageBrowseUnder(): void
+ SelectImageBrowseIn(): void
+ removeimage(): void
+ PopUp(): void
+ moveImage(): void
+ switchTo(): void
+ refresh(): void

ImageManager

- images: ArrayList

+ getImages(): ArrayList
+ moveImage(): void
+ addTag(): void
+ deleteTag(): void
+ goToPreviousTags(Tag[]): void
+ showImageHistory(): ArrayList
+ getOriginalName(Image): String

File

path: String

+ setPath(String): void
+ getPath(): String
+ moveTo(String): void

«interface» Serializable

TagManager

- allTags: HashMap<Tag, int>
- renamingLog: ArrayList

+ getTags(): ArrayList
+ addTag(Tag): void
+ deleteTag(): void
+ updateLog(String): void
+ getRenamingLog(): ArrayList

Extends

Extends

Image

- tags: ArrayList
- tagHistory ArrayList of Tag[]
- originalName: String

+ getTags(): ArrayList
+ setTags(ArrayList): void
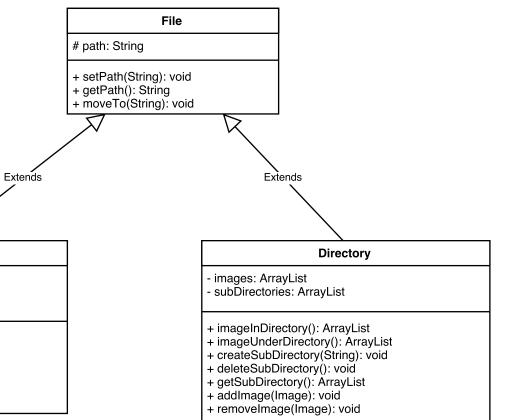- updateName(): void
+ getTagHistory(): ArrayList
+ getOriginalName(): String

Directory

- images: ArrayList
- subDirectories: ArrayList

+ imageInDirectory(): ArrayList
+ imageUnderDirectory(): ArrayList
+ createSubDirectory(String): void
+ deleteSubDirectory(): void
+ getSubDirectory(): ArrayList
+ addImage(Image): void
+ removeImage(Image): void

Tag

- tagName: String
- timestamp: String

+ getName(): String
+ setName(String): void
+ getTimestamp(): String
+ setTimestamp(String): void