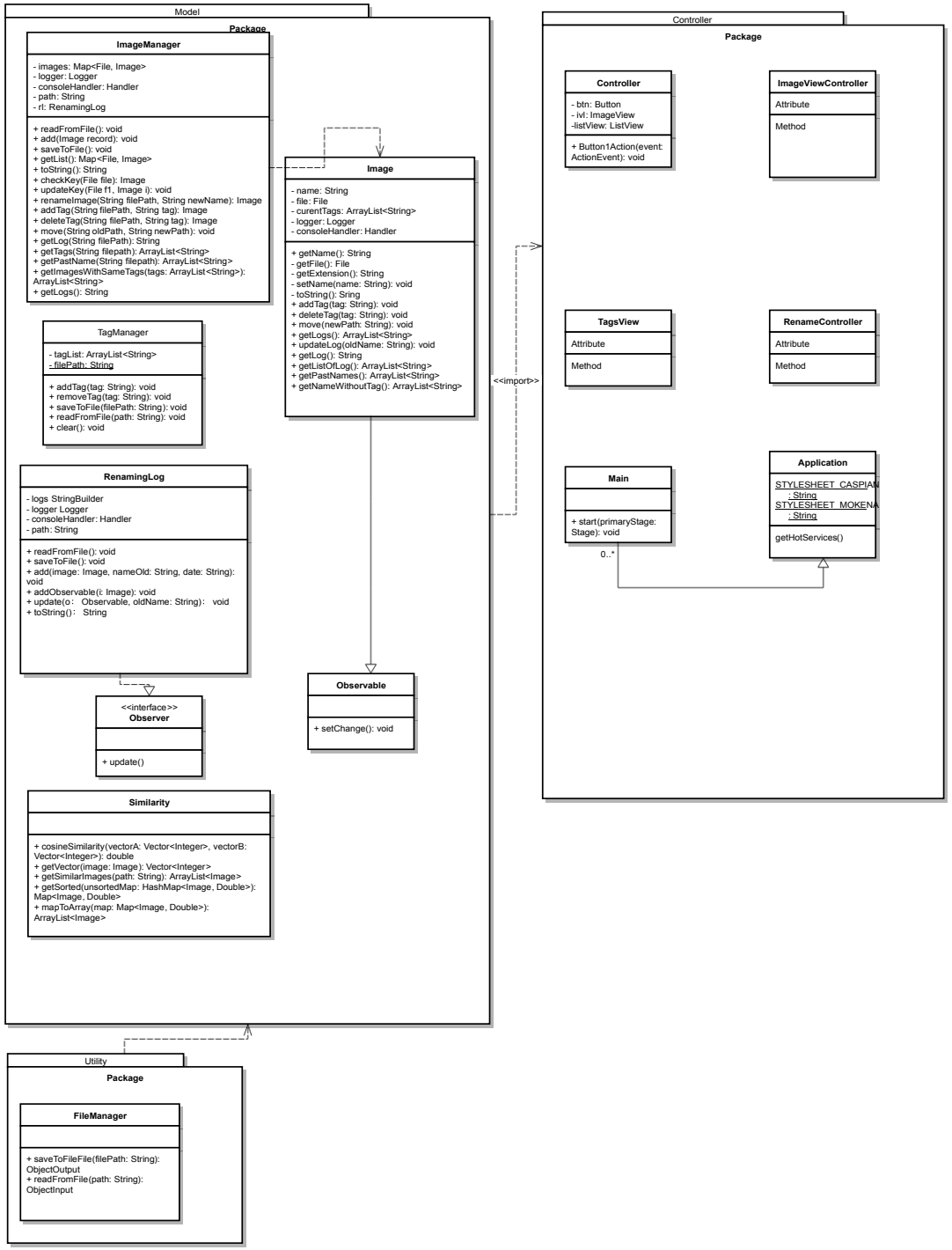
Model
Package
ImageManager
- images: Map<File, Image>
- logger: Logger
- consoleHandler: Handler
- path: String
- rl: RenamingLog
+ readFromFile(): void
+ add(Image record): void
+ saveToFile(): void
+ getList(): Map<File, Image>
+ toString(): String
+ checkKey(File file): Image
+ updateKey(File f1, Image i): void
+ renameImage(String filePath, String newName): Image
+ addTag(String filePath, String tag): Image
+ deleteTag(String filePath, String tag): Image
+ move(String oldPath, String newPath): void
+ getLog(String filePath): String
+ getTags(String filepath): ArrayList<String>
+ getPastName(String filepath): ArrayList<String>
+ getImagesWithSameTags(tags: ArrayList<String>): ArrayList<String>
+ getLogs(): String
Image
- name: String
- file: File
- curentTags: ArrayList<String>
- logger: Logger
- consoleHandler: Handler
+ getName(): String
- getFile(): File
- getExtension(): String
- setName(name: String): void
- toString(): Sring
+ addTag(tag: String): void
+ deleteTag(tag: String): void
+ move(newPath: String): void
+ getLogs(): ArrayList<String>
+ updateLog(oldName: String): void
+ getLog(): String
+ getListOfLog(): ArrayList<String>
+ getPastNames(): ArrayList<String>
+ getNameWithoutTag(): ArrayList<String>
TagManager
- tagList: ArrayList<String>
- filePath: String
+ addTag(tag: String): void
+ removeTag(tag: String): void
+ saveToFile(filePath: String): void
+ readFromFile(path: String): void
+ clear(): void
RenamingLog
- logs StringBuilder
- logger Logger
- consoleHandler: Handler
- path: String
+ readFromFile(): void
+ saveToFile(): void
+ add(image: Image, nameOld: String, date: String): void
+ addObservable(i: Image): void
+ update(o: Observable, oldName: String): void
+ toString(): String
<<interface>>
Observer
+ update()
Observable
+ setChange(): void
Similarity
+ cosineSimilarity(vectorA: Vector<Integer>, vectorB: Vector<Integer>): double
+ getVector(image: Image): Vector<Integer>
+ getSimilarImages(path: String): ArrayList<Image>
+ getSorted(unsortedMap: HashMap<Image, Double>): Map<Image, Double>
+ mapToArray(map: Map<Image, Double>): ArrayList<Image>
<<import>>
Controller
Package
Controller
- btn: Button
- ivl: ImageView
-listView: ListView
+ Button1Action(event: ActionEvent): void
ImageViewController
Attribute
Method
TagsView
Attribute
Method
RenameController
Attribute
Method
Main
+ start(primaryStage: Stage): void
Application
STYLESHEET_CASPIAN : String
STYLESHEET_MOKENA : String
getHotServices()
0..*
Utility
Package
FileManager
+ saveToFileFile(filePath: String): ObjectOutput
+ readFromFile(path: String): ObjectInput