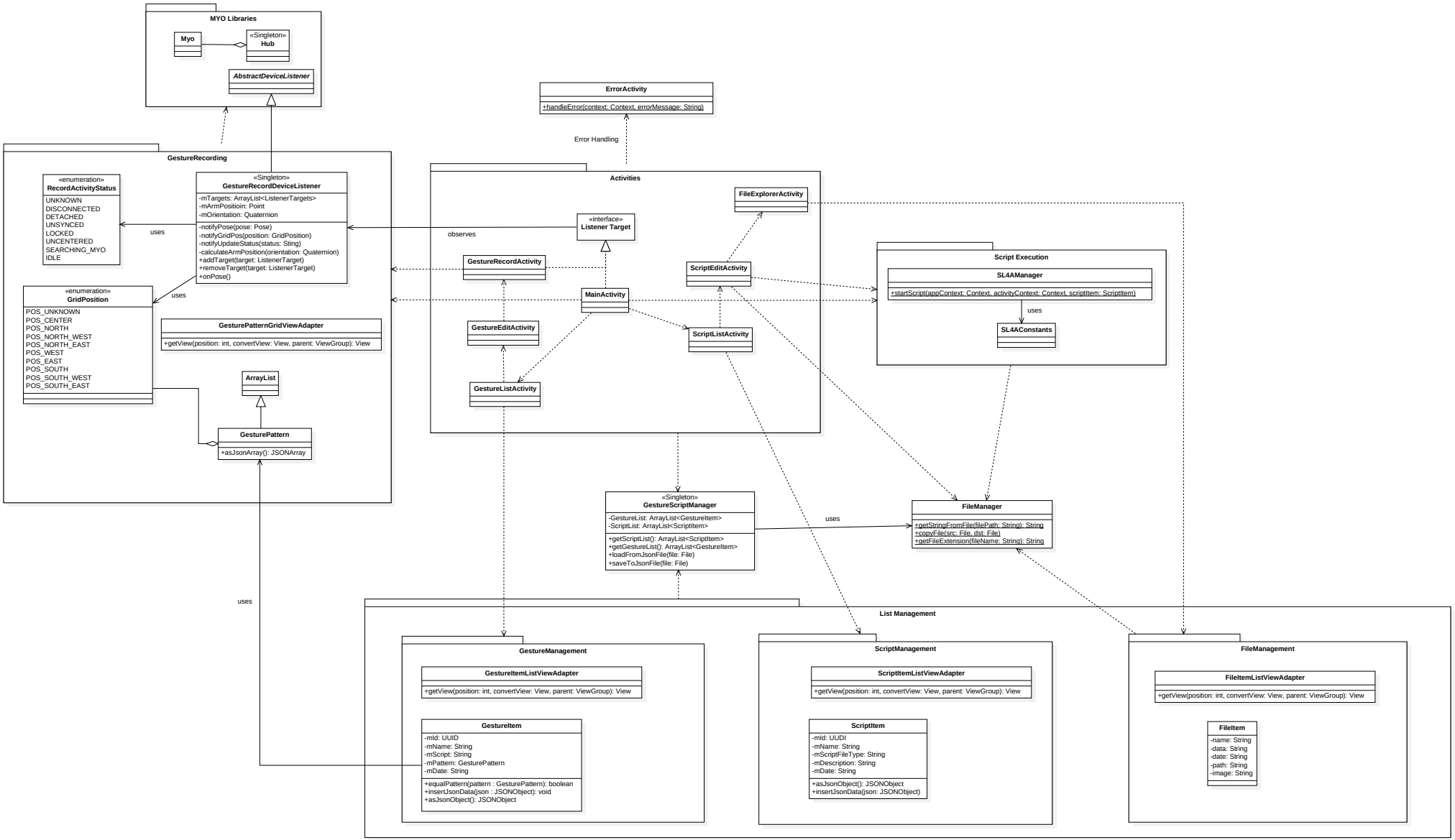
MYO Libraries
Myo
«Singleton»
Hub
AbstractDeviceListener
ErrorActivity
+handleError(context: Context, errorMessage: String)
Error Handling
GestureRecording
«enumeration»
RecordActivityStatus
UNKNOWN
DISCONNECTED
DETACHED
UNSYNCED
LOCKED
UNCENTERED
SEARCHING_MYO
IDLE
uses
«Singleton»
GestureRecordDeviceListener
-mTargets: ArrayList<ListenerTargets>
-mArmPositioin: Point
-mOrientation: Quaternion
-notifyPose(pose: Pose)
-notifyGridPos(position: GridPosition)
-notifyUpdateStatus(status: Sting)
-calculateArmPosition(orientation: Quaternion)
+addTarget(target: ListenerTarget)
+removeTarget(target: ListenerTarget)
+onPose()
uses
«enumeration»
GridPosition
POS_UNKNOWN
POS_CENTER
POS_NORTH
POS_NORTH_WEST
POS_NORTH_EAST
POS_WEST
POS_EAST
POS_SOUTH
POS_SOUTH_WEST
POS_SOUTH_EAST
GesturePatternGridViewAdapter
+getView(position: int, convertView: View, parent: ViewGroup): View
ArrayList
GesturePattern
+asJsonArray(): JSONArray
Activities
observes
«interface»
Listener Target
FileExplorerActivity
GestureRecordActivity
ScriptEditActivity
MainActivity
GestureEditActivity
ScriptListActivity
GestureListActivity
Script Execution
SL4AManager
+startScript(appContext: Context, activityContext: Context, scriptItem: ScriptItem)
uses
SL4AConstants
«Singleton»
GestureScriptManager
-GestureList: ArrayList<GestureItem>
-ScriptList: ArrayList<ScriptItem>
+getScriptList(): ArrayList<ScriptItem>
+getGestureList(): ArrayList<GestureItem>
+loadFromJsonFile(file: File)
+saveToJsonFile(file: File)
uses
FileManager
+getStringFromFile(filePath: String): String
+copyFile(src: File, dst: File)
+getFileExtension(fileName: String): String
uses
List Management
GestureManagement
GestureItemListViewAdapter
+getView(position: int, convertView: View, parent: ViewGroup): View
GestureItem
-mId: UUID
-mName: String
-mScript: String
-mPattern: GesturePattern
-mDate: String
+equalPattern(pattern : GesturePattern): boolean
+insertJsonData(json : JSONObject): void
+asJsonObject(): JSONObject
ScriptManagement
ScriptItemListViewAdapter
+getView(position: int, convertView: View, parent: ViewGroup): View
ScriptItem
-mId: UUDI
-mName: String
-mScriptFileType: String
-mDescription: String
-mDate: String
+asJsonObject(): JSONObject
+insertJsonData(json: JSONObject)
FileManagement
FileItemListViewAdapter
+getView(position: int, convertView: View, parent: ViewGroup): View
FileItem
-name: String
-data: String
-date: String
-path: String
-image: String