#### ConnectionManager

- JBDC DRIVER : String
- JBDC URL: String
- JBDC\_USER : String
- JBDC\_PASSWORD : String
- + getConnection(): Connection
- + close(conn : Connection, stmt : Statement, rs : ResultSet) : void
- + executeQuery(): ResultSet

### **JsonServiceUtility**

- configuration : GsonBuilder
- translator : Gson
- + JsonServiceUtility()
- + serialize(obj : Object) : String
- + deserialize(jsonStr : String, objectType : Class<T>) : ArrayList
- + getValidJsonObject(r : String) : JsonObject
- + isJsonParametersValid(): boolean
- + isNotMissingOrBlank() : boolean

ErrorUtility

- props : Properties
- REAL\_PATH: String
- + getProperty(): String

### Software Engineering - G1T3

# <<utility>> PropertiesUtility

- props : Properties
- + getProperty(propertyKeyStr: String): String
- + operation0(): void

## ScriptRunner

- connection : Connection
   stopOnError : boolean
   autoCommit : boolean
- + ScriptRunner(connection: Connection, autoCommit: boolean, stopOnError: boolean)
- + setDelimiter(delimiter: String, fullLineDelimiter: boolean): void
- + setLogWriter(LogWriter: PrintWriter): void
- + setErrorLogWriter(errorLogWriter: PrintWriter): void
- + runScript(reader : Reader) : void
- + runScript(connection: Connection, reader: Reader): void