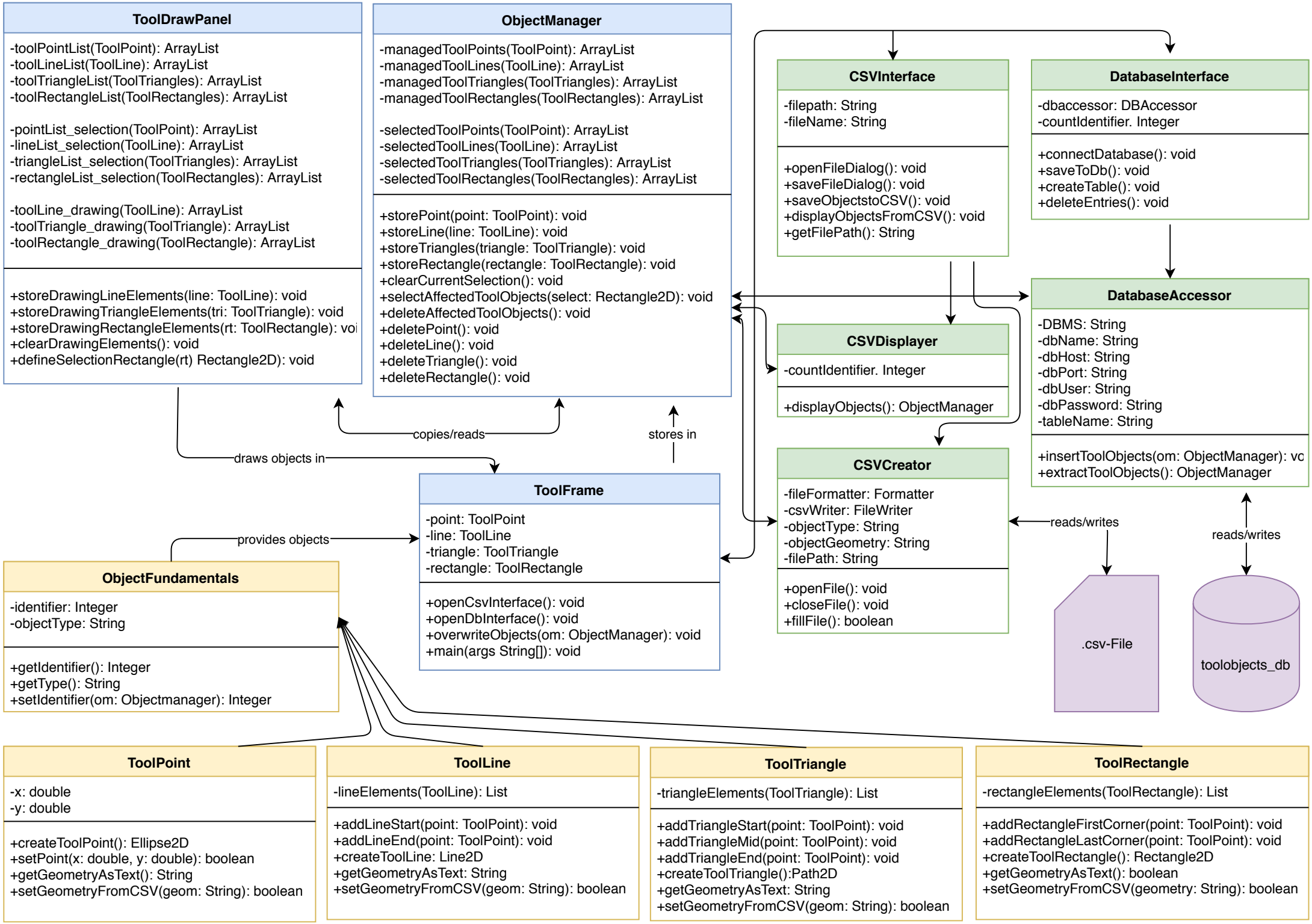
ToolDrawPanel
-toolPointList(ToolPoint): ArrayList
-toolLineList(ToolLine): ArrayList
-toolTriangleList(ToolTriangles): ArrayList
-toolRectangleList(ToolRectangles): ArrayList
-pointList_selection(ToolPoint): ArrayList
-lineList_selection(ToolLine): ArrayList
-triangleList_selection(ToolTriangles): ArrayList
-rectangleList_selection(ToolRectangles): ArrayList
-toolLine_drawing(ToolLine): ArrayList
-toolTriangle_drawing(ToolTriangle): ArrayList
-toolRectangle_drawing(ToolRectangle): ArrayList
+storeDrawingLineElements(line: ToolLine): void
+storeDrawingTriangleElements(tri: ToolTriangle): void
+storeDrawingRectangleElements(rt: ToolRectangle): voi
+clearDrawingElements(): void
+defineSelectionRectangle(rt) Rectangle2D): void
ObjectManager
-managedToolPoints(ToolPoint): ArrayList
-managedToolLines(ToolLine): ArrayList
-managedToolTriangles(ToolTriangles): ArrayList
-managedToolRectangles(ToolRectangles): ArrayList
-selectedToolPoints(ToolPoint): ArrayList
-selectedToolLines(ToolLine): ArrayList
-selectedToolTriangles(ToolTriangles): ArrayList
-selectedToolRectangles(ToolRectangles): ArrayList
+storePoint(point: ToolPoint): void
+storeLine(line: ToolLine): void
+storeTriangles(triangle: ToolTriangle): void
+storeRectangle(rectangle: ToolRectangle): void
+clearCurrentSelection(): void
+selectAffectedToolObjects(select: Rectangle2D): void
+deleteAffectedToolObjects(): void
+deletePoint(): void
+deleteLine(): void
+deleteTriangle(): void
+deleteRectangle(): void
CSVInterface
-filepath: String
-fileName: String
+openFileDialog(): void
+saveFileDialog(): void
+saveObjectstoCSV(): void
+displayObjectsFromCSV(): void
+getFilePath(): String
DatabaseInterface
-dbaccessor: DBAccessor
-countIdentifier. Integer
+connectDatabase(): void
+saveToDb(): void
+createTable(): void
+deleteEntries(): void
DatabaseAccessor
-DBMS: String
-dbName: String
-dbHost: String
-dbPort: String
-dbUser: String
-dbPassword: String
-tableName: String
+insertToolObjects(om: ObjectManager): vo
+extractToolObjects(): ObjectManager
CSVDisplayer
-countIdentifier. Integer
+displayObjects(): ObjectManager
CSVCreator
-fileFormatter: Formatter
-csvWriter: FileWriter
-objectType: String
-objectGeometry: String
-filePath: String
+openFile(): void
+closeFile(): void
+fillFile(): boolean
copies/reads
stores in
draws objects in
provides objects
reads/writes
reads/writes
.csv-File
toolobjects_db
ToolFrame
-point: ToolPoint
-line: ToolLine
-triangle: ToolTriangle
-rectangle: ToolRectangle
+openCsvInterface(): void
+openDbInterface(): void
+overwriteObjects(om: ObjectManager): void
+main(args String[]): void
ObjectFundamentals
-identifier: Integer
-objectType: String
+getIdentifier(): Integer
+getType(): String
+setIdentifier(om: Objectmanager): Integer
ToolPoint
-x: double
-y: double
+createToolPoint(): Ellipse2D
+setPoint(x: double, y: double): boolean
+getGeometryAsText(): String
+setGeometryFromCSV(geom: String): boolean
ToolLine
-lineElements(ToolLine): List
+addLineStart(point: ToolPoint): void
+addLineEnd(point: ToolPoint): void
+createToolLine: Line2D
+getGeometryAsText: String
+setGeometryFromCSV(geom: String): boolean
ToolTriangle
-triangleElements(ToolTriangle): List
+addTriangleStart(point: ToolPoint): void
+addTriangleMid(point: ToolPoint): void
+addTriangleEnd(point: ToolPoint): void
+createToolTriangle():Path2D
+getGeometryAsText: String
+setGeometryFromCSV(geom: String): boolean
ToolRectangle
-rectangleElements(ToolRectangle): List
+addRectangleFirstCorner(point: ToolPoint): void
+addRectangleLastCorner(point: ToolPoint): void
+createToolRectangle(): Rectangle2D
+getGeometryAsText(): boolean
+setGeometryFromCSV(geometry: String): boolean