#### **Graph von Ansicht - Entwurf**

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#### Presentation

+viewers : List<Viewer>
+slideshow : Slideshow

+run(): void

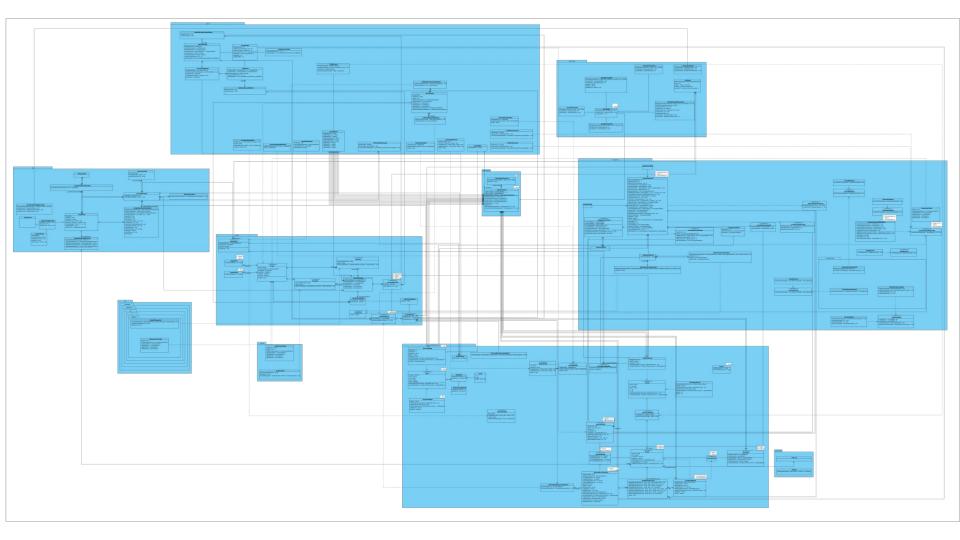
+answer(q : Question) : boolean

+lookAt(v : Viewer) : void +speakLouder() : void



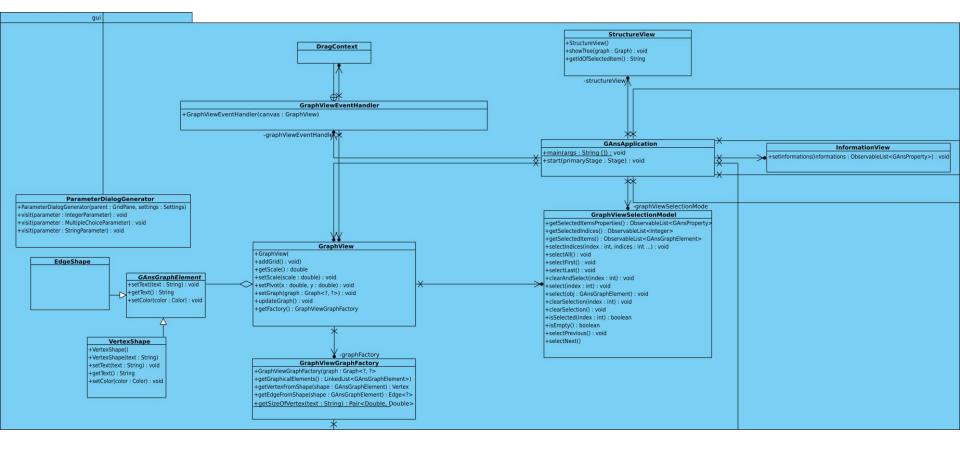
## Gliederung

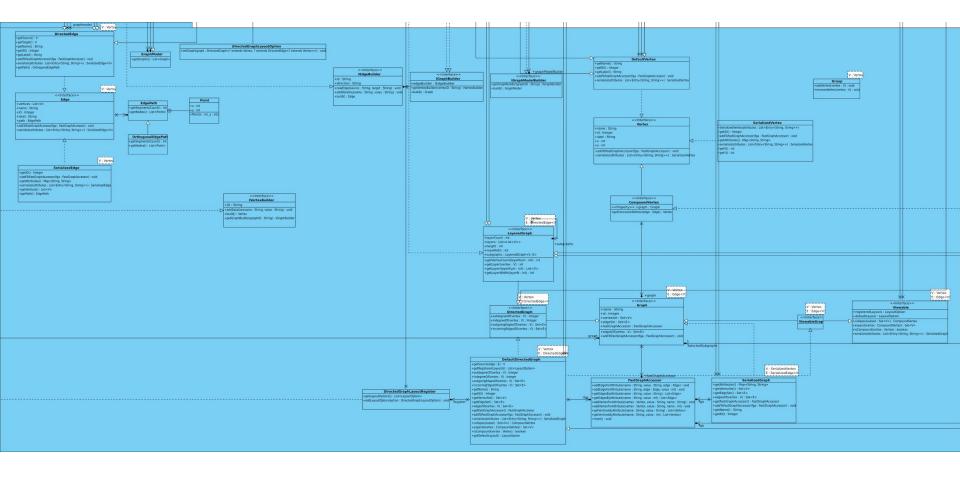
- Übersicht
- Paketeinteilung
- Plugins
- Entwurfsmuster
- Differenzen zum Pflichtenheft

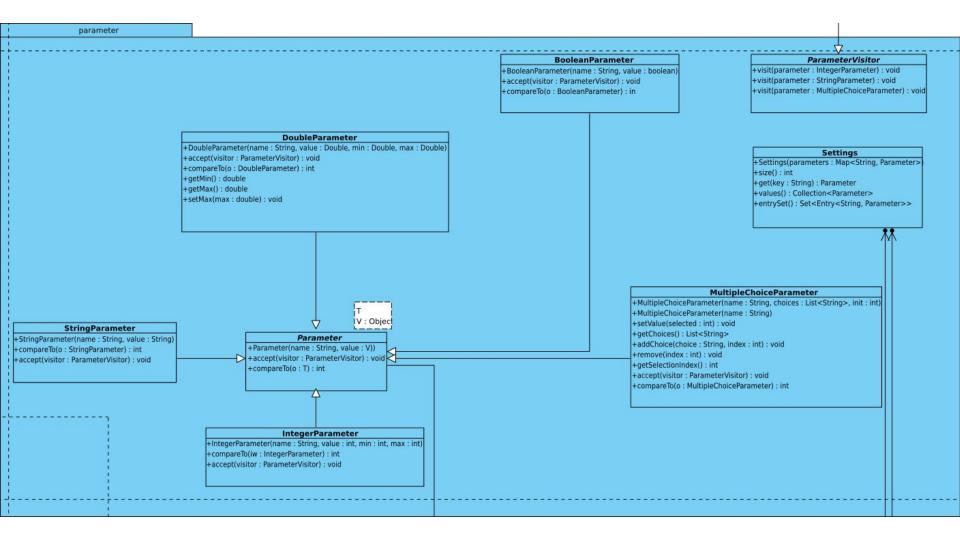


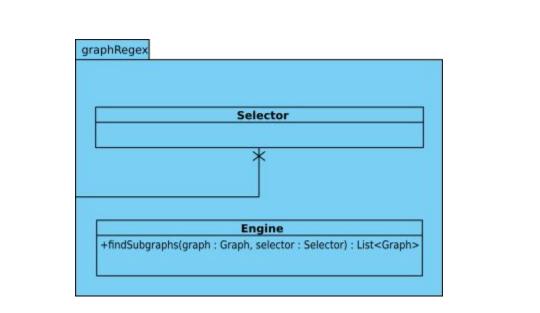
### **Paketeinteilung**

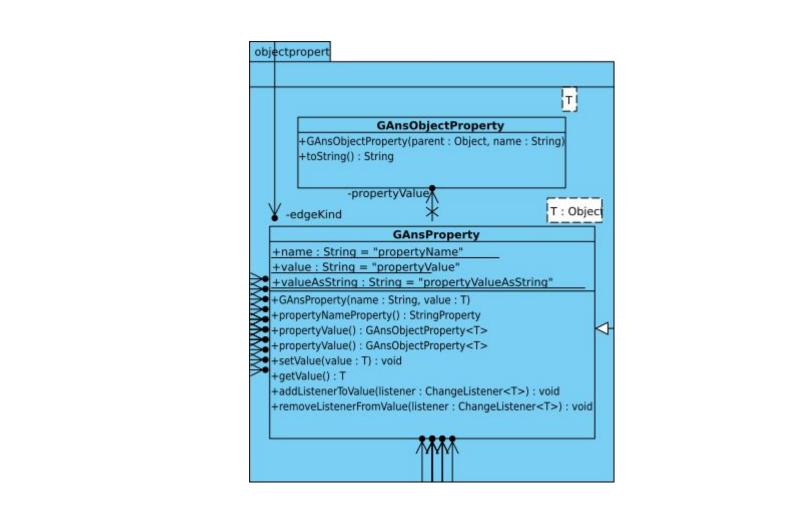
- gui
- graphmodel
- paramater
- graphregex
- objectproperty
- plugin
- Plugins

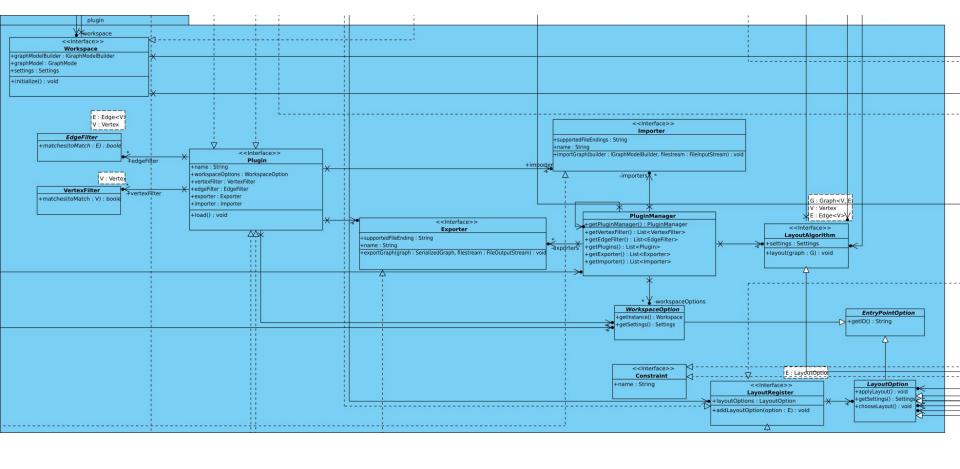










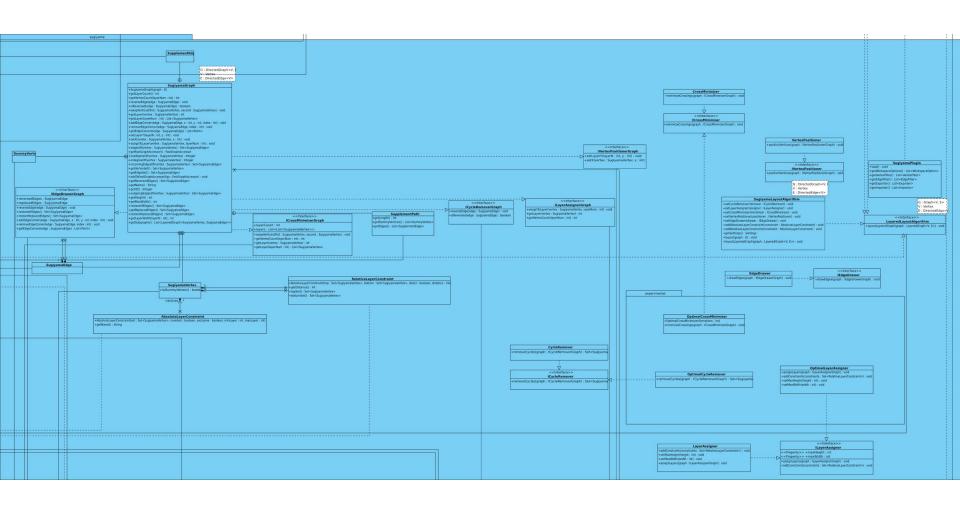


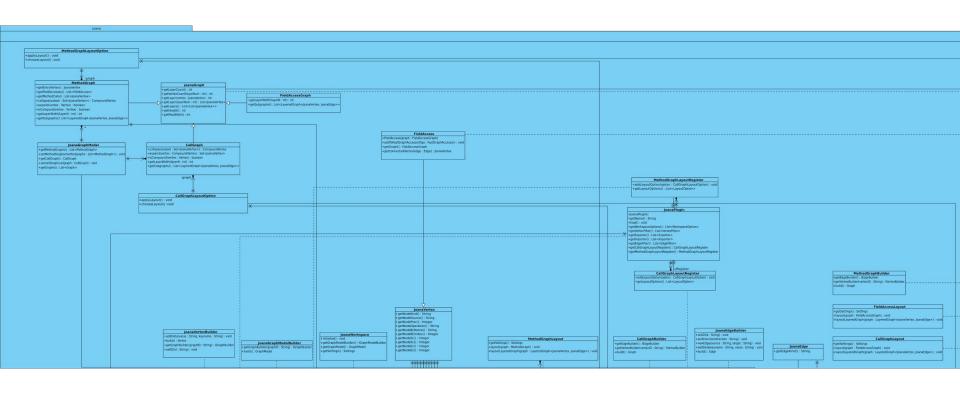
# **Plugins**

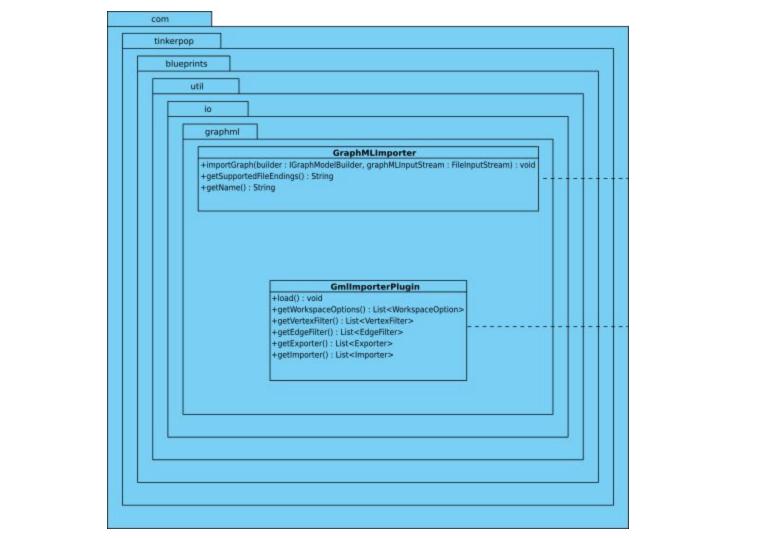
- sugiyama
- joana

- gml import

- svg export







```
export
                          SVGExportPlugin
           +getName(): String
           +load(): void
           +getWorkspaceOptions(): List<WorkspaceOption>
           +getVertexFilter(): List<VertexFilter>
           +getEdgeFilter(): List<EdgeFilter>
           +getExporter(): List<Exporter>
           +getImporter(): List<Importer>
                            SvgExporter
+getSupportedFileEnding(): String
+getName(): String
+exportGraph(graph : SerializedGraph, filestream : FileOutputStream) : void
```

#### **Entwurfsmuster**

- Parameterklassen: Visitor Pattern
- Plugins
- Sugiyama Algorithmus: Strategy Pattern
- Graph Builder: Builder Pattern
- GUI+graphmodel: MVC Pattern