Element<GraphElement>

↓

GraphElement

AbstractEdge<V extends AbstractVertex<V>>

Edge   MazeEdge   AbstractVertex<T extends GraphElement>

DirectedEdge   Vertex   MazeVertex

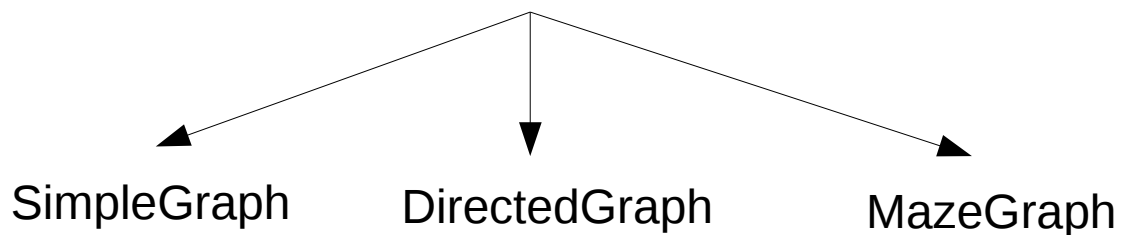AbstractGraph<V extends AbstractVertex<V>, E extends AbstractEdge<V>>

SimpleGraph   DirectedGraph   MazeGraph

SimpleGraph uses Vertex, Edge (as V and E)
DirectedGraph uses Vertex, DirectedEdge (as V and E)
MazeGraph uses MazeVertex, MazeEdge (as V and E)