```
algorithm
      + algorithm()
      + ~algorithm()
      + run()
      + check()
      + reset()
         dijkstra
- s
- t
- weights set
- preds set
- weight
pred
- mark
dist
- shortest path node list
- shortest path edge list
+ dijkstra()
+ ~dijkstra()
+ source()
+ target()
+ weights()
+ store preds()
+ check()
+ run()
+ source()
+ target()
and 10 more...
- reset algorithm()
- init()
- fill_node_list()
- fill edge list()
```