```
algorithm
    + algorithm()
    + ~algorithm()
    + run()
    + check()
    + reset()
     bellman
              ford
- s
- W
- vars set
- d
- inf

    preds

- cycle
+ bellman ford()
+ ~bellman ford()
+ check()
+ run()
+ reset()
+ source()
+ source()
+ weights()
+ store_preds()
+ store preds()
+ reached()
+ distance()
+ predecessor edge()
+ predecessor_node()
+ negative cycle()
- relax()
```