```
algorithm
      + algorithm()
      + ~algorithm()
      + run()
      + check()
      + reset()
            dfs
  # act_dfs_num
  # act_comp_num
  # tree
  # dfs order
  # dfs number
  # reached_nodes
  # used
  # roots
  # comp_number
  # preds
  # back_edges
  # start
  # whole_graph
  + dfs()
  + ~dfs()
  + run()
  + check()
  + reset()
  + start_node()
  + start_node()
  + scan whole graph()
  + scan_whole_graph()
  + calc_comp_num()
  and 27 morė...

    dfs_sub()

       components
# num of components
# comp
# li
+ components()
+ ~components()
+ check()
+ reset()
+ components_begin()
+ components_end()
+ number_of_components()
+ before recursive call
handler()
+ old adj node handler()
+ new start handler()
```