```
graph

    directed

    nodes

    edges

    - nodes_count
    edges_counthidden_nodeshidden_edges
    - hidden_nodes_count
    hidden_edges_count
    free_node_ids
    - free_edge_ids
    - free_node_ids_count- free_edge_ids_count
    + graph()
    + graph()
+ graph()
    + graph()
    + ~graph()
    + make_directed()
    + make_undirected()
    + is_directed()
    + is_undirected()
+ is_bidirected()
    and 64 more.
    new_node_id()
    new_edge_id()

    copy()

    - del_list()
- del_list()
                   Δ
              MyGraph
# weight
# edge_label
# label
# labels_as_weights
# node_colour
# edge_colour
+ MyGraph()
+ get_edge_weight()
+ set_edge_weight()
+ get_edge_label()
+ set_edge_label()
+ edge_exists()
+ delete_edge()
+ read_labels_as_weights()
+ load_edge_info_handler()
+ store_edge_double()
and 18 more...
               MyTree
   # order
   # number
    + MyTree()
    + parent()
    + root()
    + is_root()
+ is_leaf()
   + is_ieai()
+ get_left_child()
+ get_right_child()
+ postorder_traversal()
    + postorder()
```