```
graph
- directed

    nodes

- edges
- nodes count
- edges_count
- hidden nodes

    hidden 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()
```