```
ComplexNetwork< NODE
  TYPE, EDGE_TYPE >
+ description
+ num_nodes
+ num_edges
# current_node_id
# current_edge_id
# directed
# nodes
# edges
# edge
# file_header
+ ComplexNetwork()
+ addNode()
+ getNode()
+ removeNode()
+ addEdge()
+ getEdge()
+ getEdgeFromEdgeId()
+ removeEdge()
+ clear()
+ getNumNodes()
and 11 more..
# createEdgeKey()
             < std::shared_ptr<
             const Feature Abstract
                    >, Link >
ComplexNetwork< std
::shared_ptr< const
FeatureAbstract >, Link >
+ description
+ num_nodes
+ num_edges
# current_node_id
# current_edge_id
# directed
# nodes
# edges
# edge
# file_header
```

```
# edge
# file_header

+ ComplexNetwork()
+ addNode()
+ getNode()
+ removeNode()
+ addEdge()
+ getEdge()
+ getEdgeFromEdgeId()
+ removeEdge()
+ clear()
+ getNumNodes()
and 11 more...
# createEdgeKey()
```

FeaturesComplexNetwork

- featureIndex

- + FeaturesComplexNetwork()
 + ~FeaturesComplexNetwork()
- + ~FeaturesComplexNetwork() + save()
- + load() + getOutputDegree() + clear()
- + updateIndex() + getNodeFromFeature()
- + getNodeFromFeature() + getNodesOfSameLabel() - load()