```
ComplexNetwork< NODE
    _TYPE, EDGE_TYPE >
  + description
  + num_nodes
  + num_edges
  # current_node_
  # 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 FeatureAbstract
                     >, 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
  + ComplexNetwork()
  + addNode()
  + getNode()
  + removeNode()
  + addEdge()
  + getEdge()
  + getEdgeFromEdgeId()
  + removeEdge()
  + clear()
  + getNumNodes()
  and 11 more.
  # createEdgeKey()
  FeaturesComplexNetwork

    featureIndex

+ FeaturesComplexNetwork()
+ ~FeaturesComplexNetwork()
+ save()
+ load()
+ getOutputDegree()
+ clear()
+ updateIndex()
+ getNodeFromFeature()
+ getNodesOfSameLabel()
- load()
               -cn
       LabelGuesser
      - hubs
      - index
      + LabelGuesser()
      + Guess()
      + removeHubs()
      buildIndex()
```