Graph_diff documentation

- graph_diff

  - GraphDiffAlgorithm - interface for algorithms. You may use BaselineAlgorithm, ant_algorithm/Algorithm, new_ant_algorithm/Algorithm as GraphDiffAlgorithm

    - construct_diff - takes two GraphWithRepetitiveNodesWithRoot and returns GraphMap object

  - GraphMap

    - eval_difference_complete - method to complete the construction of GraphMap. In order to use not only basic but all statistical methods of GraphMap

    - get_…

      - overlap - common for two graphs nodes/edges

      - nodes/edges

      - in_1_not_in_2/in_2_not_in_1

  - graph/GraphWithRepetitiveNodesWithRoot

    - lr_node functions to quickly create new nodes

    - methods, used in algorithms: __contains__, __iter__, get_list_of_adjacent_nodes. More simply, algorithms does not modify graphs. So GraphWithRepetitiveNodesWithRoot may be replaced with a class with methods above

General way to check graph isomorphism would be (having g1, g2):

- alg = BaselineAlgorithm()

- diff = alg. construct_diff(g1, g2). eval_difference_complete()

- cond = (len(diff.get_edges_in_1_not_in_2()) + len(diff. get_edges_in_2_not_in_1())) == 0