

test_basic



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class `TestGripTomo`(unittest.case.TestCase):

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A set of basic unit/integration tests for GRIP-tomo. Usage: run python `test_basic.py` from `./scripts`

Args

- **unittest ([TestCase]):** unittest TestCase

def `setUp`(self):

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Hook method for setting up the test fixture before exercising it.

def `test_package_versions`(self):

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checks the package versions of numpy, pandas, and networkx are correct

def `test_pdb2graph_CA_only`(self):

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creates an example graph from a pdbfile and compares it to the expected output - using alpha carbons only

def `test_density2graph_pdb2density`(self):

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creates an example graph from an ideal density (pdb to mrc density) file and compares it to the expected output

def `test_graph2class`(self):

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classifies graphs and compares it to the expected output

Inherited Members

unittest.case.TestCase TestCase, class failureException, longMessage, maxDiff, addTypeEqualityFunc, addCleanup, addClassCleanup, tearDown, setUpClass, tearDownClass, countTestCases, defaultTestResult, shortDescription, id, subTest, run, doCleanups, doClassCleanups, debug, skipTest, fail, assertFalse, assertTrue, assertRaises, assertWarns, assertLogs, assertEquals, assertNotEqual, assertAlmostEqual, assertNotAlmostEqual, assertSequenceEqual, assertListEqual, assertTupleEqual, assertSetEqual, assertIn, assertNotIn, assertIs, assertIsNot, assertDictEqual, assertDictContainsSubset, assertCountEqual,

assertMultiLineEqual, assertLess, assertLessEqual, assertGreater, assertGreaterEqual,
assertIsNone, assertIsNotNone, assertIsInstance, assertNotIsInstance, assertRaisesRegex,
assertWarnsRegex, assertRegex, assertNotRegex, failUnlessRaises, failIf, assertRaisesRegexp,
assertRegexpMatches, assertNotRegexpMatches, failUnlessEqual, assertEquals, failIfEqual,
assertNotEquals, failUnlessAlmostEqual, assertAlmostEqual, failIfAlmostEqual,
assertNotAlmostEqual, failUnless, assert_