Python assert

Python assert

- Method Checks   Version
- assertEqual   a == b
- assertNotEqual   a != b
- assertTrue   bool(x) is True
- assertFalse   bool(x) is False
- assertIs   a is b
- assertIsNot   a is not b
- assertIsNone   x is None
- assertIsNotNone   x is not None
- assertIn   a in b
- assertNotIn   a not in b
- assertIsInstance   is instance(a,b)
- assertNotIsInstance   not is instance(a,b)
- assertRaises   fun(*args,**kwds) raises exc

- assertRaisesRegexp   fun(*args,**kwds) raises exc(regex)
- assertAlmostEqual   round(a-b,7) == 0
- assertNotAlmostEqual   round(a-b,7) != 0
- assertGreater   a > b
- assertGreaterEqual   a >= b
- assertLess   a < b
- assertLessEqual   a <= b
- assertRegexpMatches   r.search(s)
- assertNotRegexpMatches   not r.search(s)
- assertItemsEqual   sorted(a) == sorted(b)
- assertDictContainsSubset   all the key/value pairs in a exist in b
- assertMultiLineEqual   strings
- assertSequenceEqual   sequences
- assertListEqual   lists
- assertTupleEqual   tuples
- assertSetEqual   sets or frozensets
- assertDictEqual   dicts