# Class Architecture Specification

Below is a first pass at the public API specification for the DataUnit python library.

```python

class TestStep(object):

def run(self):

"""Run this test step"""

class Test(object):

def \_\_init\_\_(self, steps=()):

pass

def run(self):

"""Run each step in this test"""

pass

class TestSuite(object):

def \_\_init\_\_(self, tests=()):

pass

def run(self):

"""Run each test in this suite"""

class TestLoader(object):

"""Load a suite of tests"""

pass

class ExcelTestLoader(TestLoader):

def load\_tests(self, excel\_file):

"""Load tests from excel file and

return test cases as a TestSuite"""

class TestRunner(object):

def \_\_init\_\_(self, test\_loader = None):

"""Initialize with the given TestLoader instance"""

def run(self):

"""Run the tests loaded by the given TestLoader"""

```