VERSEM

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Chapter 1

VERSEM

Initial, empty README for the VERsatile Spectral Element Method.

Chapter 2

Hierarchical Index

2.1 Class Hierarchy

This inheritance list is sorted roughly, but not completely, alphabetically:

TestCase
test_gll.TestGLL 7

Chapter 3

Class Index

3.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

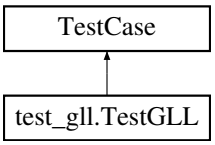
test_gll.TestGLL 7

Chapter 4

Class Documentation

4.1 test_gll.TestGLL Class Reference

Inheritance diagram for test_gll.TestGLL:



Public Member Functions

- def testGLLPointsAndWeights2 (self)
- def testLagrangePoly (self)

4.1.1 Detailed Description

```
Testing functions of the gll_library
- Gauss-Lobatto-Legendre points and weights
- Lagrange Polynomial evaluator
```

4.1.2 Member Function Documentation

4.1.2.1 testGLLPointsAndWeights2()

```
def test_gll.TestGLL.testGLLPointsAndWeights2 (
              self )
```

```
Tests gll_pw() from gll_library whether points and weights
are correct. Note that it is almost equal due to the fact that
the points are hardcoded.
```

4.1.2.2 testLagrangePoly()

```
def test_gll.TestGLL.testLagrangePoly (
              self )
```

Tests lagrange() from the gll_library

The documentation for this class was generated from the following file:

- tests/test_gll.py

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