
Theoretical Physics Reference

Release 0.1

Ondřej Čertík

Jun 02, 2022

CONTENTS

1	Library API	1
1.1	File Hierarchy	1
1.2	Full API	1
1.2.1	Functions	1
2	Indices and tables	5
	Index	7

LIBRARY API

1.1 File Hierarchy

1.2 Full API

1.2.1 Functions

Function `export_overlap(const Wonton::Simple_Mesh_Wrapper&, std::vector<int>, const Wonton::Simple_Mesh_Wrapper&, int)`

- Defined in `file_include_test.h`

Function Documentation

void **export_overlap**(const Wonton::Simple_Mesh_Wrapper &source, std::vector<int> candidates, const Wonton::Simple_Mesh_Wrapper &target, int cell_id)

Function `export_overlap(const Wonton::Jali_Mesh_Wrapper&, std::vector<int>, const Wonton::Jali_Mesh_Wrapper&, int)`

- Defined in `file_include_test.h`

Function Documentation

void **export_overlap**(const Wonton::Jali_Mesh_Wrapper &source, std::vector<int> candidates, const Wonton::Jali_Mesh_Wrapper &target, int cell_id)

Function `export_vtk(int, std::string, std::vector<double>)`

- Defined in `file_include_test.h`

Function Documentation

void **export_vtk**(int n, std::string filename, std::vector<double> val)

Function `export_vtk(Jali::UniStateVector<double, Jali::Mesh>)`

- Defined in `file_include_test.h`

Function Documentation

void **export_vtk**(Jali::UniStateVector<double, Jali::Mesh> cellvecout)

Function `export_vtk(std::vector<std::vector<Wonton::Point<2>>>&, std::vector<double>&)`

- Defined in `file_include_test.h`

Function Documentation

void **export_vtk**(std::vector<std::vector<Wonton::Point<2>>> &mesh, std::vector<double> &cellvecout)

Function `export_vtk(Jali::UniStateVector<double, Jali::Mesh>, const Wonton::Jali_Mesh_Wrapper&)`

- Defined in `file_include_test.h`

Function Documentation

void **export_vtk**(Jali::UniStateVector<double, Jali::Mesh> cellvecout, const Wonton::Jali_Mesh_Wrapper &targetMeshWrapper)

Function `test_interpolation`

- Defined in `file_include_test.h`

Function Documentation

void **test_interpolation()**

Function test_intersection

- Defined in file_include_test.h

Function Documentation

void **test_intersection()**

Function test_remapping

- Defined in file_include_test.h

Function Documentation

void **test_remapping()**

Function test_search

- Defined in file_include_test.h

Function Documentation

void **test_search()**

INDICES AND TABLES

- `genindex`
- `search`

INDEX

E

`export_overlap` (C++ *function*), 1

`export_vtk` (C++ *function*), 2

T

`test_interpolation` (C++ *function*), 3

`test_intersection` (C++ *function*), 3

`test_remapping` (C++ *function*), 3

`test_search` (C++ *function*), 3