My Project

Chapter 1

Class Index

1.1 Class List

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

Chapter 2

Class Documentation

2.1 lj Class Reference

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

- lj.h

2.2 mdatom Struct Reference

Collaboration diagram for mdatom:

2.3 particles Class Reference

Public Member Functions

- void **printOutput** (std::ostream &)
- void **add** (mdatom)
- void **RandomAdd** (int)
- int **size** ()
- mdatom & **atom** (int i)
- mdatom & **operator[ ]** (int i)
- double **totKE** ()

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

- particles.h
- particles.cpp

2.4 Vector2 Struct Reference

Public Member Functions

- **Vector2** (double x, double y)
- Vector2 & **operator=** (const Vector2 &)
- Vector2 & **operator+=** (const Vector2 &)
- Vector2 **operator+** (const Vector2 &) const
- Vector2 **operator-** (const Vector2 &) const
- double **operator∗** (const Vector2 &) const

Public Attributes

- double **x_** [2] = {0.0, 0.0}

The documentation for this struct was generated from the following files:

- types.h
- types.cpp

2.5 Verlet Class Reference

Public Member Functions

- **Verlet** (particles &)
- double **getdt** () const
- double **getTime** () const
- double **getBegin** () const
- void **setTimer** (double t)
- void **printStatus** () const
- void **stepper** ()

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

- verlet.h
- verlet.cpp

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