Smoothed Particle Hydrodynamics

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Chapter 1

Main Page

This is where the overview of the program goes. Need to write that.

Chapter 2

File Index

2.1 File List

Here is a list of all documented files with brief descriptions:

sph.cc
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Chapter 3

File Documentation

3.1 sph.cc File Reference

Driver program for smoothed particle hydrodynamics solver.

```
#include <cstdlib> #include <iostream> #include <string> ×
#include <boost/shared_ptr.hpp> #include "fluid.h" #include
"initialize.h" #include "incompinvisc.h" #include "gaussiankernel.-
h" #include "splinekernel.h" #include "euler.h" #include
"output.h"
```

Functions

- int **main** (int argc, char ∗∗argv)

3.1.1 Detailed Description

Driver program for smoothed particle hydrodynamics solver.