Damascus University

Faculty of information technology engineering

As a scientific calculation project we produce Ultra Sonic, which is a simulation of Gas movement after a sound wave.

We use Open GL library on C++ and simulate the gas as a balls which moves in a cube and collisions. Every ball collisions with walls and with another ball.

There is a source too, its task is to generate the wave as sinusoidal signal.

And there is a control panel to handle the physics and environment values, and show them.

Requirements:

* Windows.
* Open GL libraries.
* Msvr120d.dll

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