

A Quick Introduction to CELESTIA

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“Celestia provides photo-realistic, real-time, three-dimensional viewing of the Solar System, the galaxy and the universe.”

<https://en.wikibooks.org/wiki/Celestia>

Overview

Platforms Windows, Mac, Linux

License GPLv2

Language C++, shader assembly, custom scripting language

Website <https://celestiaproject.net/>

Source <https://sourceforge.net/projects/celestia/>

First commit February 23, 2001

Last commit April 25, 2013

Lines of code (*.cpp and *.h) 258,701

The situation is not ideal:

- ▶ Latest release is 1.6.1 from 2011
- ▶ ... but they only seem to provide 1.5.1 for Linux (from 2008)
- ▶ Binaries are bash scripts (autopackage format)
- ▶ Can build from source
- ▶ Some distributions package it, others don't seem to

Project is still alive in terms of community, but resuscitation of development efforts has not totally worked

- ▶ <https://celestiaproject.net>
- ▶ <https://sourceforge.net/projects/celestia>
- ▶ <https://en.wikibooks.org/wiki/Celestia>
- ▶ <http://celestiamotherlode.net>

Demo...