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
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
Resources

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