Awesome Open Source space ⊗

Search, browse and combine topics

The Top 43 Space Open Source Projects

Categories > Science > **Space**

Spacex Api ☆ 8,626

🚀 Open Source REST API for SpaceX launch, rocket, core, capsule, starlink, launchpad, and landing pad data.

Himawari.js ☆ 1,751

Download real-time images of Earth from the Himawari-8 satellite

Awesome Space ☆ 1,265

🛰️ 🚀 A list of awesome space-related packages and resources maintained by The Orbital Index

Tgstation ☆ 1,155

The /tg/station branch of SS13

Pioneer ☆ 1,026

A game of lonely space adventure

Gpredict ☆ 519

Gpredict satellite tracking application

Godot 2d Space Game ☆ 512

A 2D space exploration and mining game made with Godot and our AI framework

Poliastro ☆ 502

poliastro - 🚀 Astrodynamics in Python

Naev ☆ 498

Naev is a 2d action/rpg space game that combines elements from the action, rpg and simulation genres.

Termtrack ☆ 389

Track satellites in your terminal

Awesome Sentinel ☆ 367

curated list of awesome tools, tutorials and APIs for Copernicus Sentinel satellite data

Spacekit ☆ 350
Javascript library for 3D space visualizations

Apod Api ☆ 335
Astronomy Picture of the Day API service

Space Snake ☆ 299
A Desktop game built with Electron and Vue.js.

Asterank ☆ 292
asteroid database, interactive visualizations, and discovery tools

Open Notify Api ☆ 287
Source code for api.open-notify.org

Libuavcan ☆ 232
Portable reference implementation of the UAVCAN protocol stack in C++ for embedded systems and Linux.

Spiceypy ☆ 230
SpiceyPy: a Pythonic Wrapper for the SPICE Toolkit.

Styled Components Spacing ☆ 212
Responsive margin and padding components for styled-components 💅.

Moonwalk ☆ 185
🚀 React-Native App for rocket launches 🚀

Look4sat ☆ 181
Amateur radio and weather satellite tracker and passes predictor for Android inspired by Gpredict

Libcanard ☆ 179
A compact implementation of the UAVCAN/CAN protocol in C for high-integrity real-time embedded systems

Stylized Planet Generator ☆ 172
A stylized procedural planet generator written in Godot 3.0.

Spacexstats React ☆ 167
SpaceXStats, with React and using the SpaceX API

Spaceeye ☆ 166
Live satellite imagery for your desktop background

Cosmonium ☆ 162
3D astronomy and space exploration program.

Spacextract ☆ 143
Extraction and analysis of telemetry from rocket launch webcasts (from SpaceX and RocketLab)

Goonstation ☆ 133
Repository for the Goonstation branch of SS13

Cash ☆ 130
[MAINTAINERS WANTED] HTTP response caching for Koa. Supports Redis, in-memory store, and more!

Spacepy ☆ 129
Space Science library for Python - contains superposed epoch classes, drift shell tracing, access to magnetic field models, streamline tracing, bootstrap confidence limits, time and coordinate conversions, etc.

Space Reads ☆ 96
A big list of space book and whitepaper recommendations.

Pysat ☆ 81
Generalized satellite and space science data processing and file management.

Tle.js ☆ 81
Satellite TLE tools in JavaScript: get lat/lon of satellites, get look angles, plot orbit lines, extract individual TLE elements

Awesome Space Books ☆ 79
A list of space exploration related books (some are online, some are on paper)

Cosmicos ☆ 71
Sending the lambda calculus into deep space

Mars Sim ☆ 68
Mars Simulation Project Official Codebase

Space Curiosity ☆ 57
All space related agregator, built with Flutter - Spark your curiosity!

Spyce ☆ 55
Python library for space enthusiasts

Trusat Orbit ☆ 54

Python utilities for processing satellite position observations and managing TLEs

Tower Defense Game ☆ 26

this is a game made with Unity, the goal is to protect the tower against robots.

Make Space ☆ 23

🖫 [WIP] Free up space from the command line

Space Trivia ☆ 21

🚀 A space-themed trivia app for Android.

Hcg Color ☆ 15

Color model HCG is an alternative to HSV and HSL, derived by Munsell color system, usable for Dark and Light themes...

1-43 of 43 projects

Search, browse and combine topics

Advertising 📑 10	
All Projects	
Application Programming Interfaces 📑 124	
Applications 📑 192	
Artificial Intelligence 📑 78	
Blockchain 📑 73	
Build Tools 📑 113	
Cloud Computing 📑 80	
Code Quality 📑 28	
Collaboration 📑 32	
Command Line Interface 📑 49	
Community 📑 83	
Companies 📑 60	

Compilers 📑 **63**

Computer Science 📑 **80**

Configuration Management 📑 **42**

Content Management 📑 **175**

Control Flow 📑 **213**

Data Formats 📑 **78**

Data Processing 📑 **276**

Data Storage 📑 **135**

Economics 📑 **64**

Frameworks 📑 **215**

Games 📑 **129**

Graphics 📑 **110**

Hardware 📑 **152**

Integrated Development Environments 📑 **49**

Learning Resources 📑 **166**

Legal 📑 **29**

Libraries 📑 **129**

Lists Of Projects 📑 **22**

Machine Learning 📑 **347**

Mapping 📑 **64**

Marketing 📑 **15**

Mathematics 📑 **55**

Media 📑 **239**

Messaging 📑 **98**

Networking 315

Operating Systems 89

Operations 121

Package Managers 55

Programming Languages 245

Runtime Environments 100

Science 42

Security 396

Social Media 27

Software Architecture 72

Software Development 72

Software Performance 58

Software Quality 133

Text Editors 49

Text Processing 136

User Interface 330

User Interface Components 514

Version Control 30

Virtualization 71

Web Browsers 42

Web Servers 26

Web User Interface 210