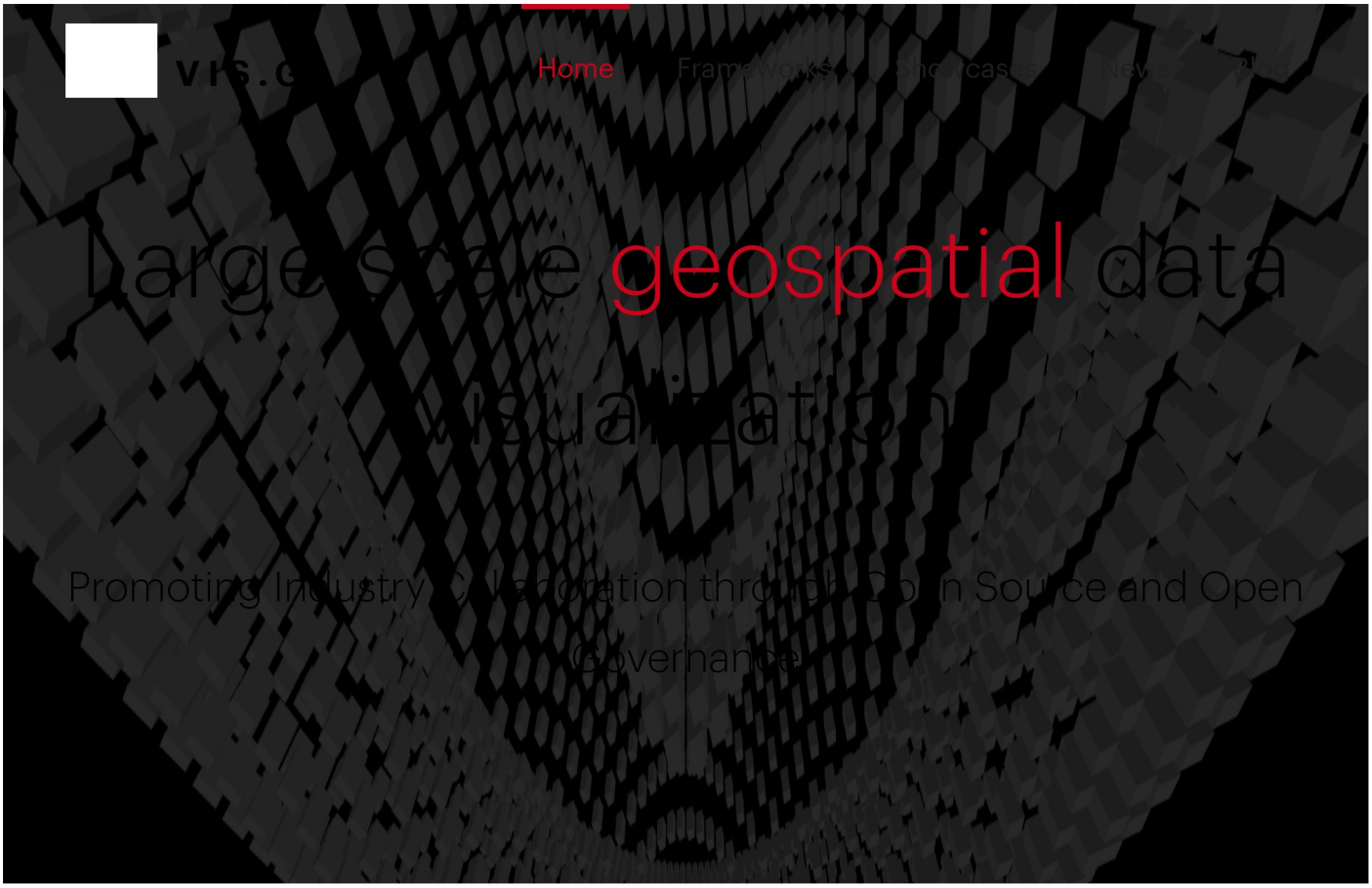


Vis.gl is a suite of composable, interoperable open source geospatial visualization frameworks centered around deck.gl.

Contribution

Lead Contributors

Unfolded

CARTO

Created By

Uber

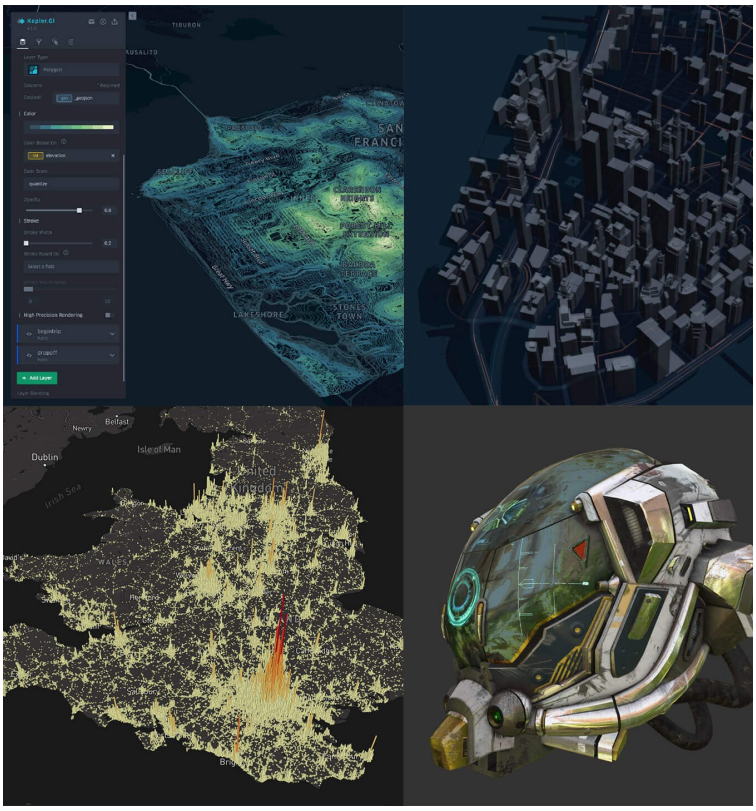
Open Governance

vis.gl is under open governance, and anyone can join the open planning meetings. Contributor status is available and technical steering committee membership is available to major contributors.

OpenJS Foundation
Open Visualization Collaboration Space

Frameworks

The vis.gl Framework Catalog provides an overvie
the vis.gl framework suite.



Releases

vis.gl 8.4

Release Date: Jan 31, 2021

deck.gl 8.4

Release Notes

MVTLayer - 2x performance via binary mode. TileJSON. Query Features.
HeatmapLayer - GPU aggregations now include MEAN and SUM
BitmapLayer - pixel picking
All Layers - performance, rendering edge cases
Interaction - mobile improvments, new gesture for 3D interaction, inertia
loaders.gl integration - More control of loader autoselection
@deck.gl/carto - enables data-driven map visualizations using CARTOColors

luma.gl 8.4

Release Notes

TypeScript - types are now exported

react-map-gl v6.1

Release Notes

Choose your mapbox API compatible rendering library: Mapbox GL JS v2, Mapbox GL JS v1, MapLibre.
TypeScript - types are now exported

math.gl 3.4

Release Notes

@math.gl/geoid - New module for working with Earth Gravity Models
@math.gl/polygon - Improved support for binary polygons

loaders.gl 2.3

Release Notes

loaders.gl is still on v2.3. The big 3.0 release is targeting vis.gl 8.5.

History

2022

flowmap.gl joined the vis.gl project.
vis.gl and kepler.gl joined the OpenJS Foundation.
Urban Computing Foundation merged with the OpenJS Foundation, and formed the Open Visualization Collaboration Group.

2020

vis.gl Open Governance meetings started, under the auspices of the Linux Foundation and the UCF.
Uber transferred a set of core vis.gl frameworks to the UCF.
hubble.gl was created.

2019

Uber created the Urban Computing Foundation (a sub-foundation of the Linux Foundation), transferring kepler.gl.

2018

Uber open sourced kepler.gl
loaders.gl and nebula.gl were created.

2017

math.gl was created.
probe.gl was created.

2016

luma.gl was created.

2015

The core deck.gl framework was open sourced by Uber.
The core deck.gl framework was developed by Uber to support a wide range of geospatial visualization use cases across the company.

VIS.GL

The vis.gl framework suite is an open governance collaboration under the auspices of the OpenJS Foundation.