

# High-performance JavaScript graph visualization for data analytics products

Ogma is a commercial JavaScript library to develop powerful, large-scale interactive graph visualizations. Ogma comes equipped with everything you need to easily visualize and analyze your graph data and increase your productivity across the board.



## Visualize 25,000 nodes in under 1 second

Ogma's unrivaled graph layout performance unlocks the visual analysis of large, complex datasets with proprietary algorithms and a WebGL-first rendering engine.

### → Graph layouts

Ogma's state-of-the-art graph layout algorithms draw clear structures out of large and densely connected data, revealing hidden patterns to your end users.

### → Interactive data exploration

Rearrange nodes, expand clusters, and highlight connections to investigate relationships with ease and precision. Load data interactively for progressive exploration of connections.

## Transform graph data into actionable insights

Create rich experiences that allow any user to make sense of even the most complex networks.

### → Transformations

Dynamically adapt data by filtering, grouping, or transforming it so users can visualize what's most relevant.

### → Annotations

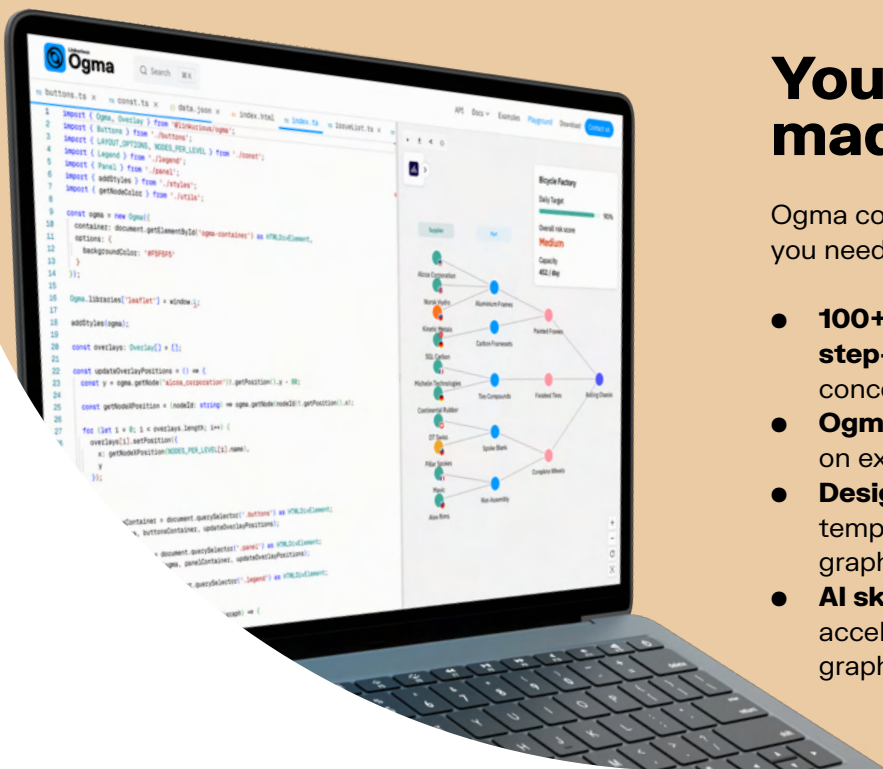
Let your users comment, highlight key data points, and draw areas directly within graph visualizations.

### → Geo-mode

Overlay graph visualizations on top of a map to give users geospatial context.

### → Attributes & time filtering

Refine data with fast filtering based on single or multiple conditions on specific data attributes. Filter temporal networks and see their evolution with an interactive timeline.



# Your graph project, made easier

Ogma comes equipped with the tools and assets you need to cut down on development time.

- **100+ ready-made examples & step-by-step tutorials** to discover the concepts you need to accelerate your project.
- **Ogma Playground:** Test new ideas & expand on existing ones.
- **Design Kit:** Predefined variables and templates in Figma to quickly prototype your graph project without building from scratch.
- **AI skill:** Use your preferred AI coding tool to accelerate the development of your Ogma graph project.

## Getting Started

### Render the data with Ogma

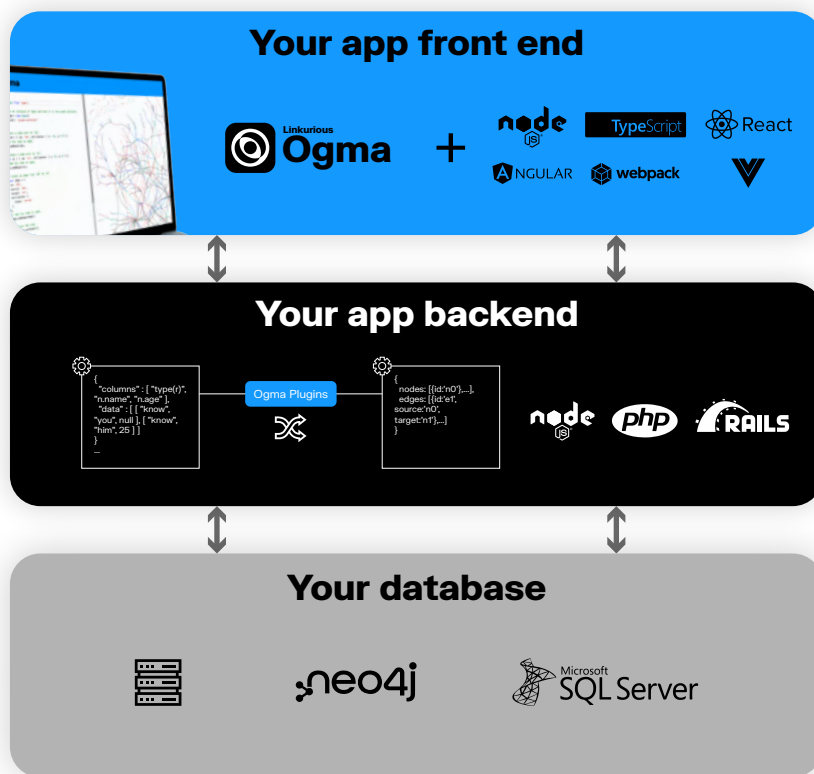
The graph can be rendered in your app with native integration into popular frameworks.

### Translating to Ogma's format

Parse the data and convert it to Ogma's format with our plugins and your own code.

### Retrieving the data

Connect to your database, execute a query and receive the response.



# Get in touch

If you'd like to learn more about Ogma or have any questions, contact our experts today!

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Contact us

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