

Graph Matrix: Personal · Work · Projects · Docs

1 Product Overview

Most tools make you hunt for your ideas. Graphix is a visual file map that shows you everything at once. **No login. No sync. No backend.** It's your data.

- Just open it in a browser tab.
- Point it at a folder.
- See your thinking unfold.

2 Competitive Advantage

Feature	Graphix	Obsidian	Notion
All Devices?	✓ Any (in-browser)	✗ Desktop-first	✓ Cloud app
File Support?	✓ Any file type or editor	✗ Mostly .md	✗ Locked-in
Performance	⚡ Smooth on old HW	🌧 Can lag	🤖 Very heavy
Architecture	✓ Vanilla front-end	✗ Electron-based bloat.	✗ Heavy JS stack
Privacy	✓ No sync, no login, static	✗ Optional	✗ Always cloud
Customizability	✓ UX, physics vars exposed	✗ Minimal, plug-ins	✗ No graph

Note: Graphix is the most secure, minimal way to visualize your files. Physics variables exposed so you can do whatever.

3 Specifications

Item	Description
Canvas Engine	Canvas renderer + uniform grid $\Rightarrow \sim O(N+E)$ per frame; hit-tests/neighbor lookups $\sim O(1)$ avg.
Physics Layout	Built-in stress to 9,216 nodes and 18,240 links; handles smoothly in a single browser tab.
Markdown Ingest	Zero setup: 100% local, no sign-in; optional folder watcher (3s default) and JSON snapshots.

Note: Graphix runs anywhere (i.e., phone, tablet, TVs & more). No GPU. No backend. Smooth on old laptops/phones.

4 Availability & Licensing

Graphix is free during Alpha-1.0. No SaaS now or ever. For future enterprise tiers, Graphix will offer a one-time, permanent license. No subscriptions. No feature lockouts. You own your tools.

Graphix is a work in progress. The version live at kraussSystems.ca/graphix has minimal UI and incomplete features (i.e., mobile, menus, general UX); bugs may be present. We appreciate your understanding.

5 Contact

Got a use case, weird edge folder, or bug? I'd love to hear about it. Reach out anytime.

Thank you,

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