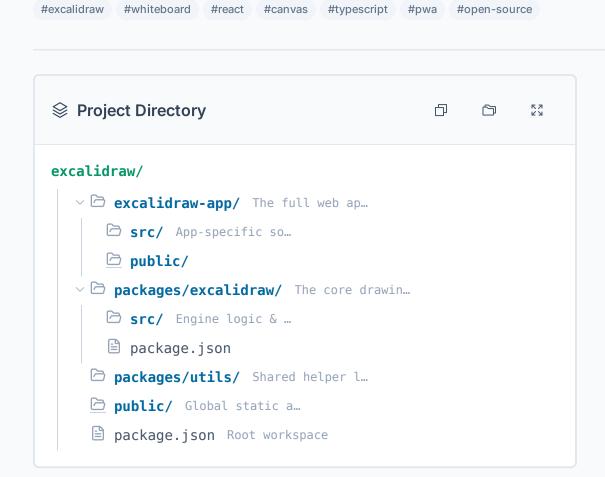
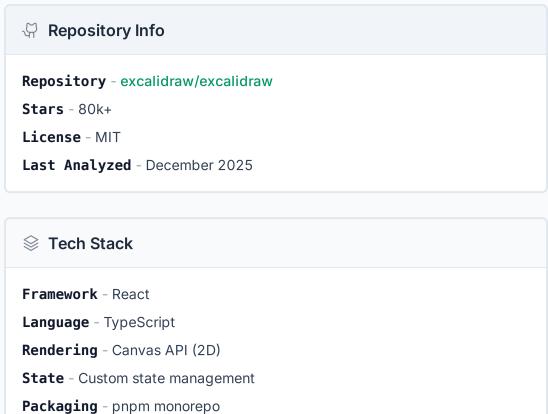


The beloved open-source virtual whiteboard. Excalidraw is a masterclass in high-performance React development, featuring a specialized canvas engine and a clean architecture that allows it to be used as both a standalone app and a reusable library.

Updated 2025-12-30





**№** PNG

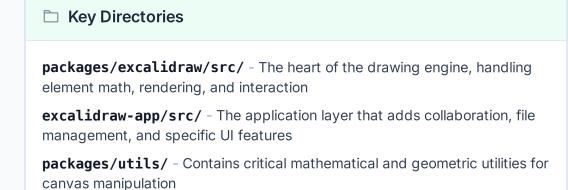
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## Architecture Notes

Excalidraw is architected to be both an application and a library. The core drawing logic and UI components are housed in <a href="packages/excalidraw/">packages/excalidraw/</a>, which is published to npm. The full-featured application (with collaboration and storage) lives in <a href="excalidraw-app/">excalidraw-app/</a> and consumes the core package. This separation ensures that the drawing engine remains highly decoupled and reusable. It's particularly notable for its use of the Canvas API to achieve smooth, hand-drawn styles at high frame rates.



## ○ Why This Structure?

Excalidraw is an exceptional example of a 'Library-First' architecture. It shows how to build a complex, interactive tool that remains lightweight and easy to integrate into other projects. It's a top-tier reference for anyone interested in graphics, canvas-based applications, and high-quality React engineering.