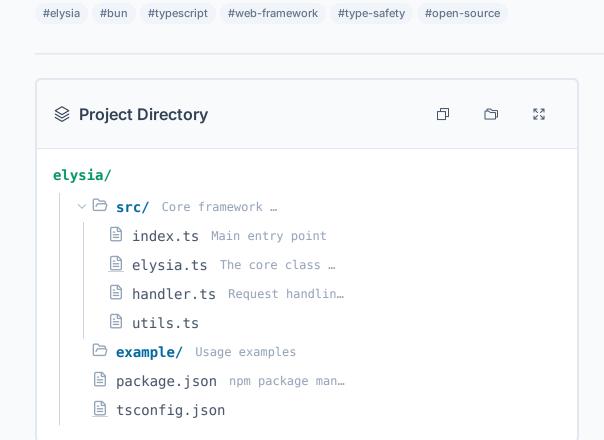
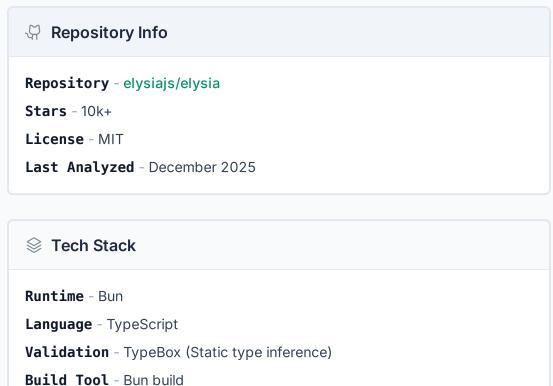


Elysia Project Structure

The high-performance web framework for Bun. Elysia is designed to take full advantage of Bun's speed and features, offering an extremely fast and type-safe developer experience with a clean, modern TypeScript architecture.

Updated 2025-12-30





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Architecture Notes

Elysia's architecture is built around the concept of 'Static Type Inference'. By using TypeBox, Elysia is able to provide end-to-end type safety without the overhead of heavy runtime validation. The framework is designed specifically for Bun, allowing it to utilize Bun's optimized APIs for networking and file I/O. Its structure is very flat and efficient, reflecting its focus on minimal overhead and maximum performance.

□ Key Directories

src/ - The core engine that provides the fluent API and type-safe routing example/ - A collection of practical use cases demonstrating Elysia's features and performance

Why This Structure?

Elysia is the premier framework for the Bun ecosystem. It shows how to build a modern web framework that prioritizes both developer experience (via deep type safety) and runtime performance. It's an essential study for anyone building high-speed TypeScript services.