

Understand-Anything: Turn Any Codebase Into an Interactive Map That Teaches You How It Works

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2026-06-12

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Understand-Anything
Graphs That Teach Code

Turn any codebase into an interactive map you can explore and search

- 5 agents**
Scan, map, and explain every file and function
- 16 tools**
Claude Code, Cursor, Codex, Gemini CLI
- JSON**
Commit the graph once, teammates skip the scan

Tree-sitter parses the structure, an LLM explains what it means

June 12, 2026

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[Understand-Anything](#) is an open-source plugin that turns any codebase into an interactive map you can explore and search. Point it at a project and a pipeline of five specialized AI agents analyzes it, then builds a graph where each file, function, and class is a node and the

links between them show what calls or depends on what. It splits the work in two: [Tree-sitter](#), a parser that reads code structure consistently, pulls the hard facts like imports and call sites, while a language model adds what a parser cannot: plain-English summaries, each file's architectural layer, and how the code maps to business processes. The result is saved as JSON and opens as a dashboard.

It targets the moment you join a team and face 200,000 lines of unfamiliar code. Instead of reading it blind, you get a map color-coded by layer (API, service, data, UI), guided tours through the architecture in dependency order, and search that answers questions like “which parts handle auth?” by meaning, not keyword. Because the graph is plain JSON, a team can commit it once so everyone else skips the analysis, like committing docs. Another view shows what your current changes will affect before you commit them.

This flips the usual goal of code-graph tools. [CodeGraph](#) builds a similar graph to cut the tokens an AI agent burns reading files. Understand-Anything points the same idea at the person: its tagline says most tools show you a hairball, this one tries to teach you the codebase.

Sources:

- [Understand-Anything \(GitHub\)](#)
- [Understand Anything Homepage](#)
- [Understand Anything Live Demo Dashboard](#)
- [Lum1104/microservices-demo: example repo with a committed graph](#)
- [Community walkthrough by Better Stack \(YouTube\)](#)

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