

Searching through code-bases with Windsurf

SOFTWARE DEVELOPMENT WITH WINDSURF

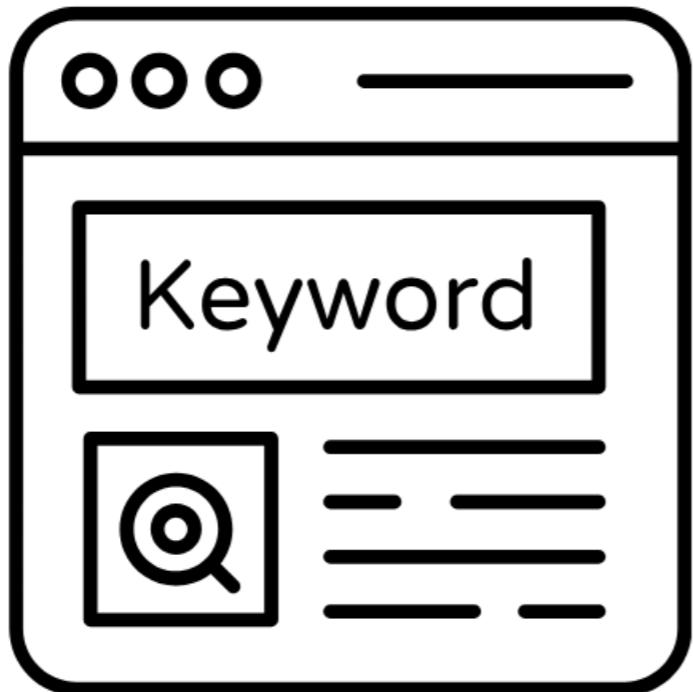
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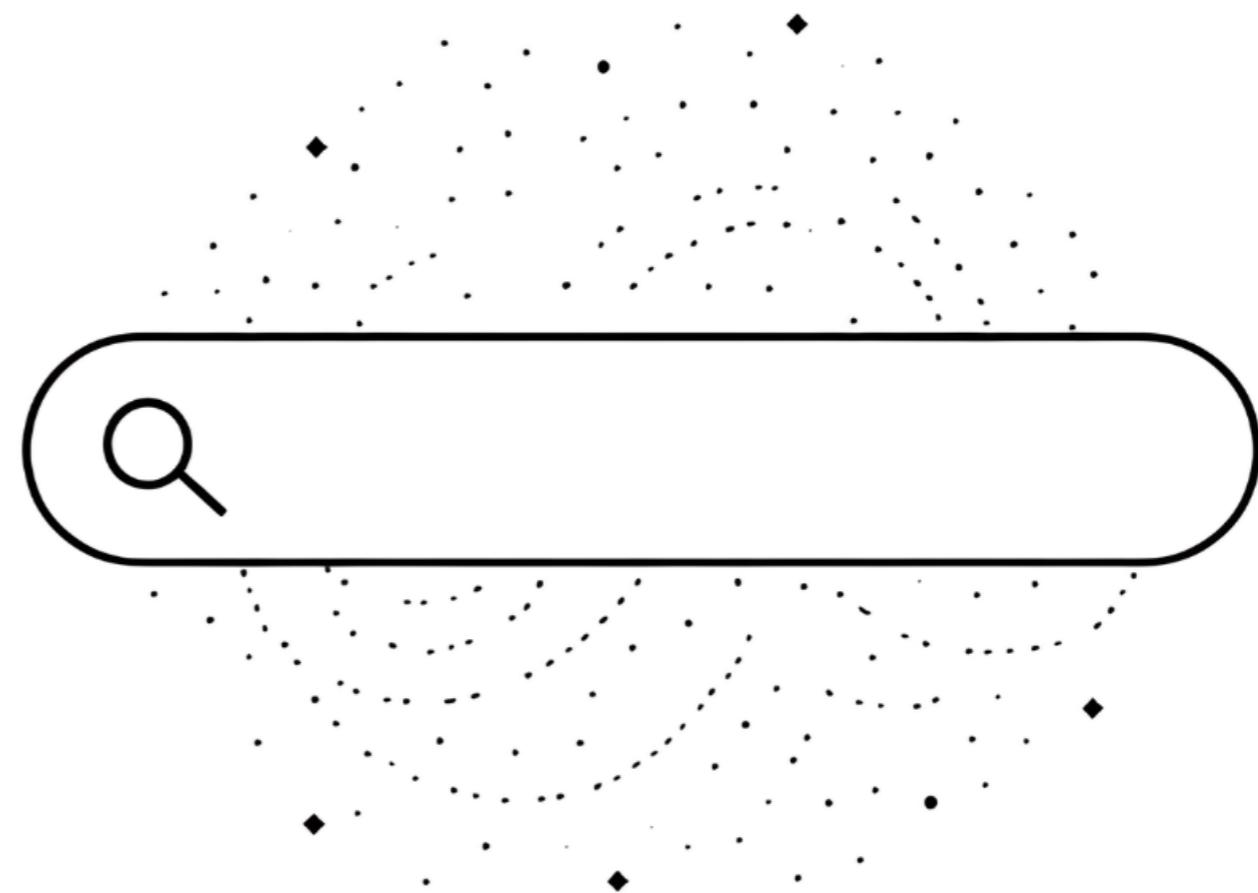
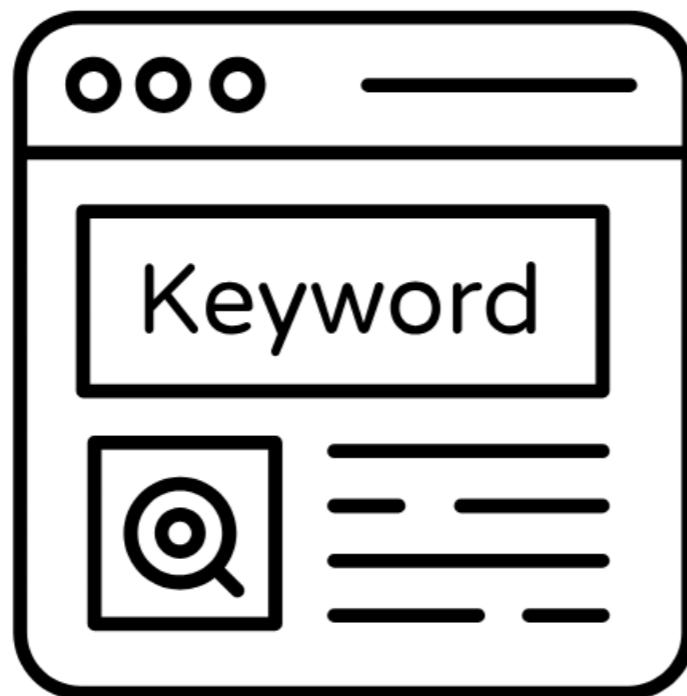
Cascade searches

- Keyword search



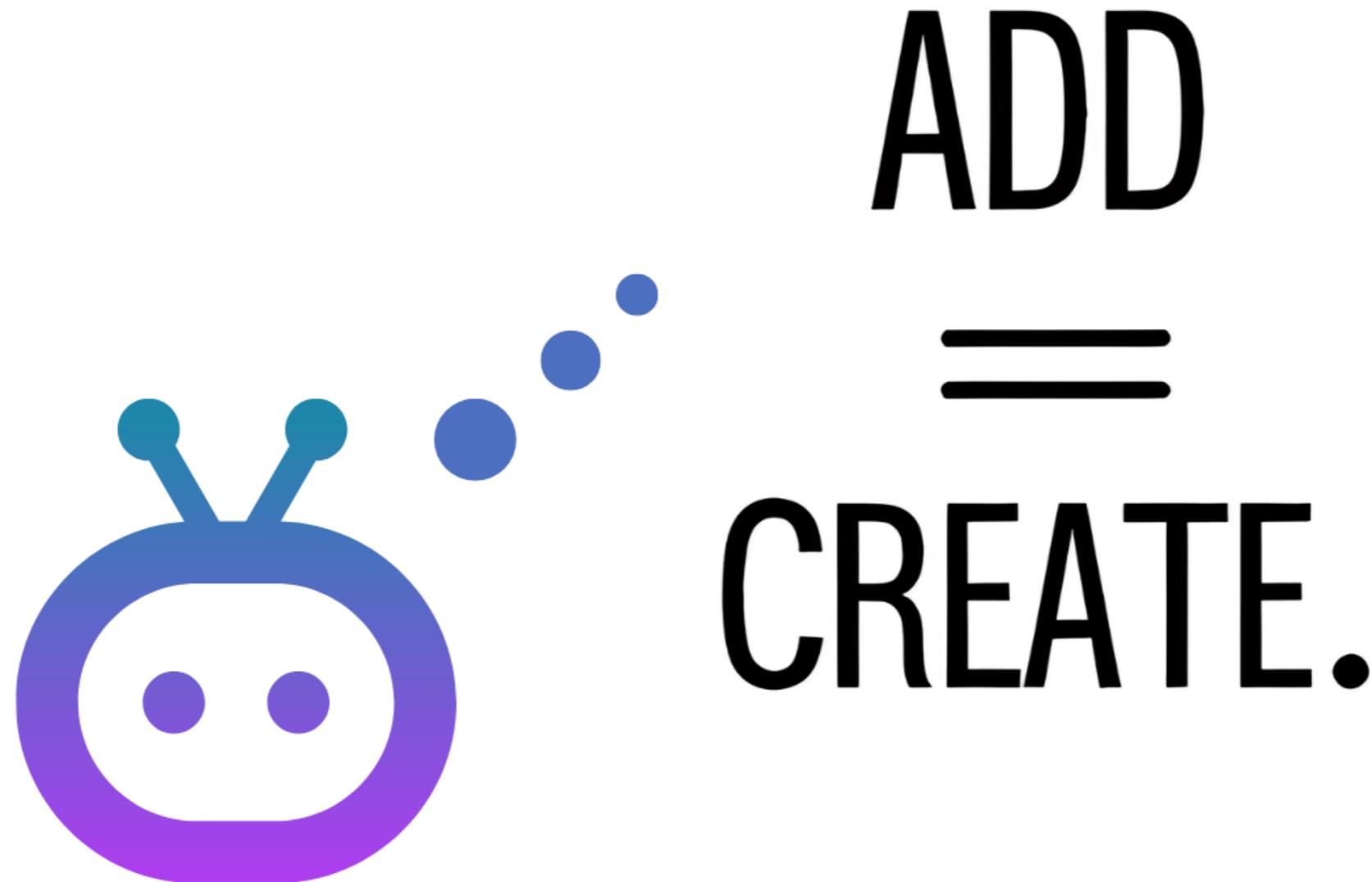
Cascade searches

- Keyword search or semantic search



Aliasing

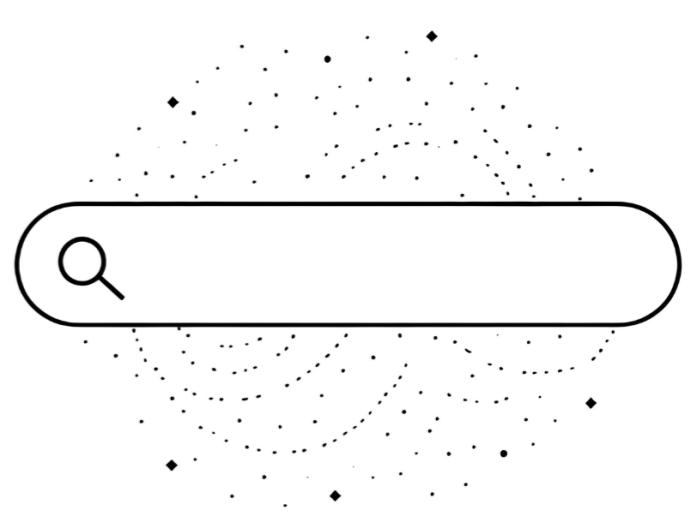
- **Aliasing:** Cascade can match similar ideas, even if words don't match exactly



Cascade search modes

Two modes:

- **Keyword search:** matches exact words
- **Semantic search:** understands meaning even if wording is different



Let's practice!

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Super-searching with web & doc tools

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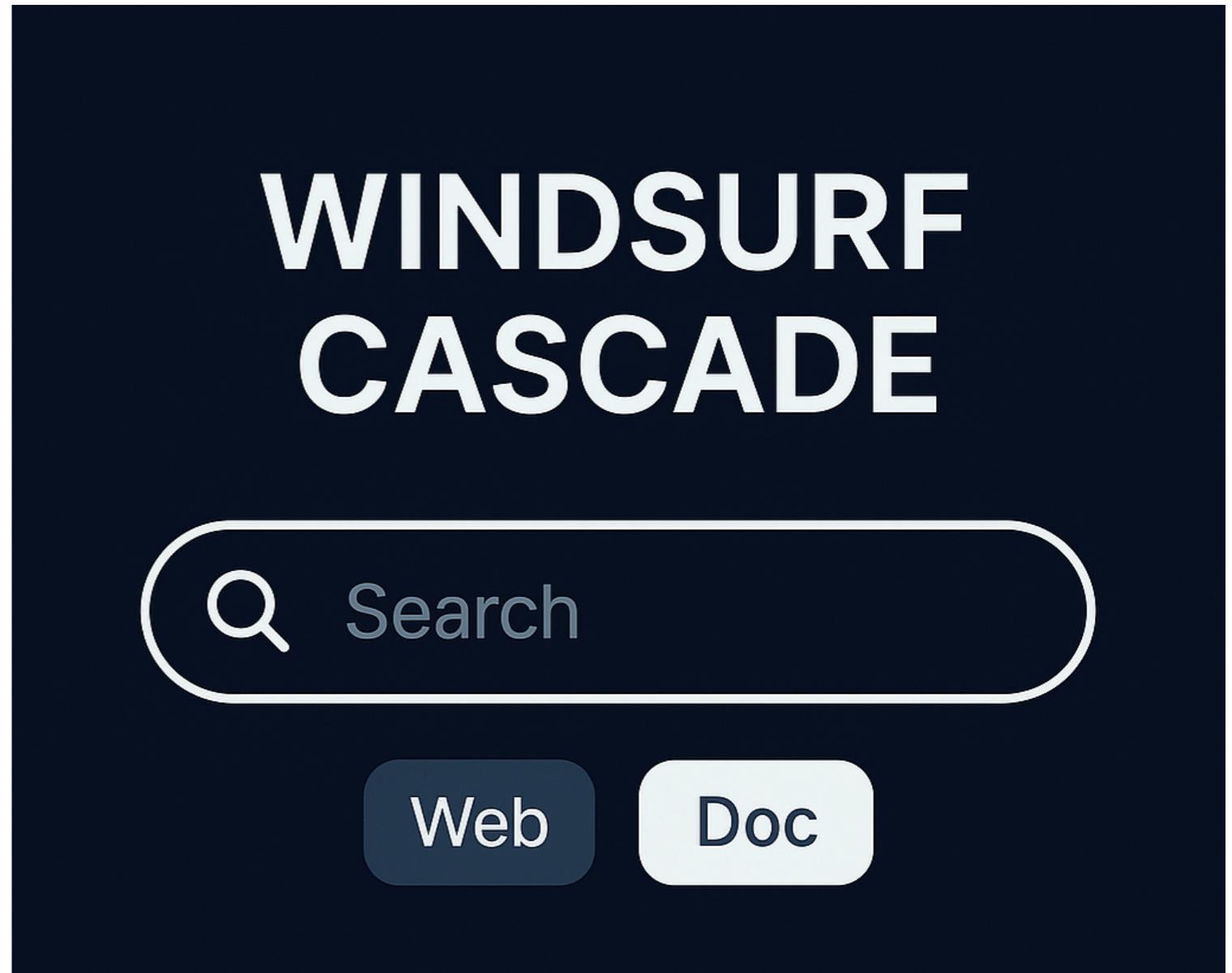
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Autocomplete vs. supercomplete

- **Autocomplete:** suggests completions as we type
- **Supercomplete:** understands intent, not just syntax

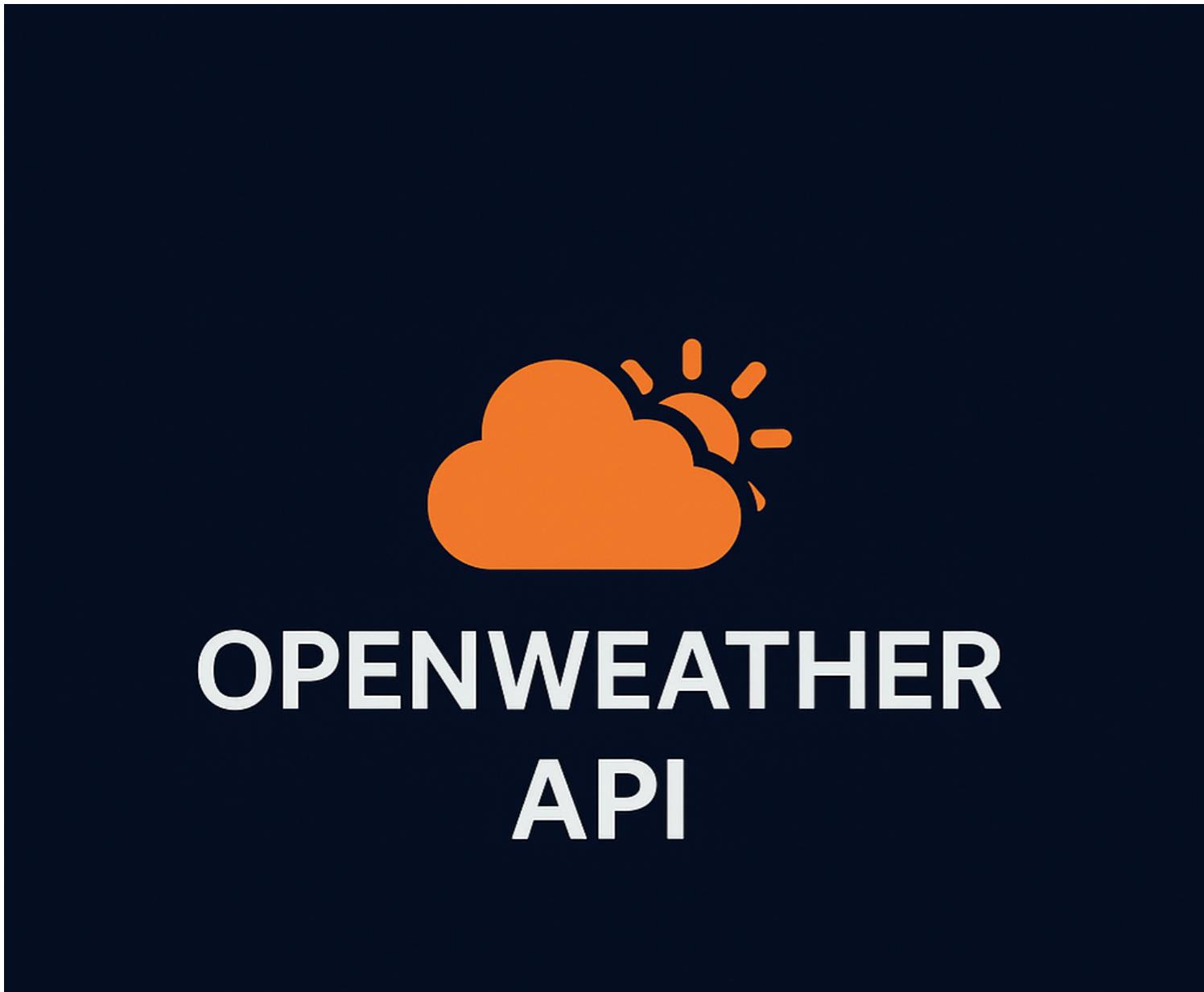


Adding weather to our app



Adding weather to our app

- Web Search to integrate OpenWeatherAPI
- Doc Search to use TailwindCSS



Let's practice!

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Maintaining context with memory and rules

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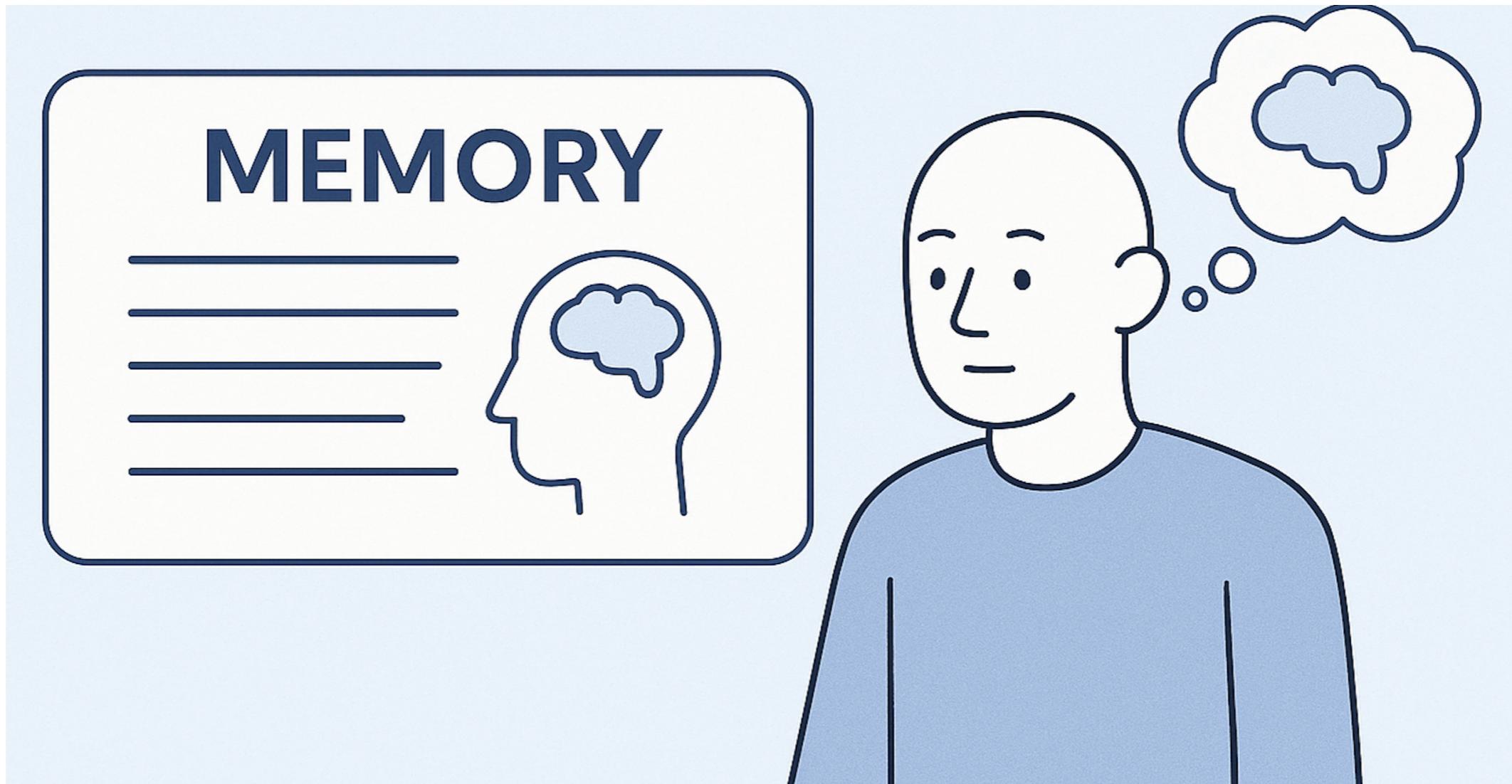
Memory and rules

- Windsurf maintains context and keeps our codebase secure



Memory

- Stores important guidelines and information
- Cascade remembers them during work across sessions

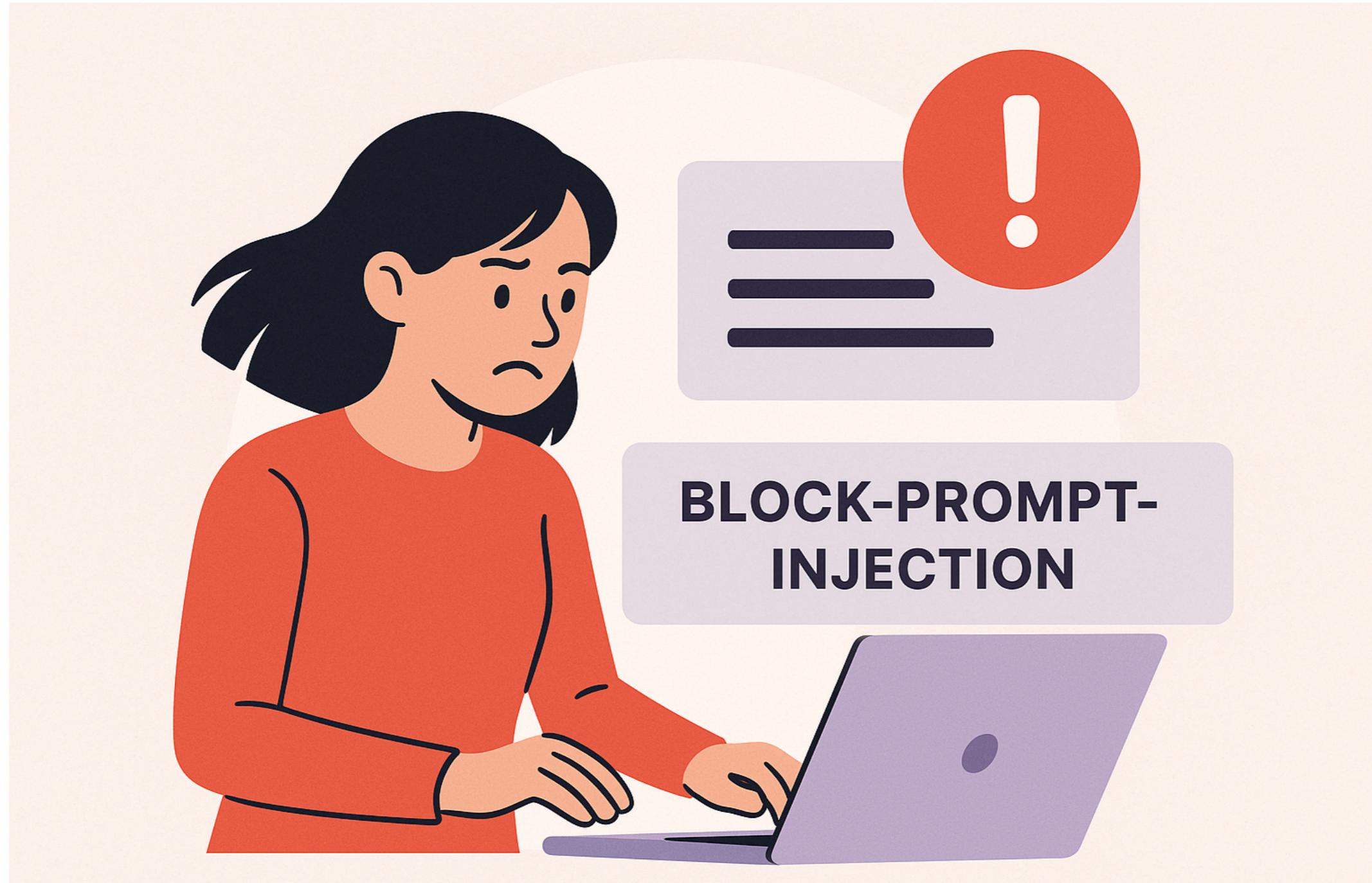


Rules

- Policy checks
- Actively monitor queries and code
- Block unsafe actions
- Enforce project standards



Rules in action



Memory in action

Memory in action

Let's practice!

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Orchestrating complete workflows

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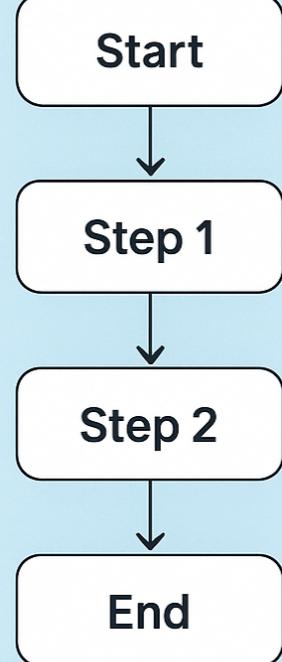
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Workflows in Windsurf

- Examples:
 - Deploying a service
 - Reviewing a PR
- Useful for repetitive tasks

Workflows

Workflows enable users to define a series of steps to guide Cascade through a set of tasks such as deploying a service or reviewing a PR.



Let's practice!

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