

Intina47 / context-sync Public

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Intina47 Merge pull request #33 from didierhk/docs/consistency-audit-fixes

235fd51 · 2 weeks ago

.github	[ImgBot] Optimize images	2 months ago
assets	[ImgBot] Optimize images	2 months ago
bin	feat: show auto-config status ...	3 months ago
docs	Merge pull request #33 from ...	2 weeks ago
src	Merge pull request #33 from ...	2 weeks ago
.gitignore	feat: Context Sync v1.0.0 - U...	5 months ago
.npmignore	Reading to writing, Npm pack...	6 months ago
AGENTS.md	docs: fix 17 documentation in...	2 weeks ago
ARCHITECTURE.md	docs: fix 17 documentation in...	2 weeks ago
LICENSE	Initial commit	6 months ago
README.md	docs: refresh onboarding and...	2 weeks ago
RUST-MIGRATION-A...	docs: add architecture docu...	2 weeks ago
image.png	[ImgBot] Optimize images	2 months ago
package-lock.json	chore: update version to 2.0...	2 months ago
package.json	docs: fix 17 documentation in...	2 weeks ago
tsconfig.json	Initial release v0.1.0 - Cross-...	6 months ago

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Context Sync

Local-first project memory for AI coding tools over MCP.

Context Sync gives an agent a persistent memory layer for a codebase:

- project identity and tech stack
- active work, decisions, constraints, and caveats
- structured file exploration
- git-aware context
- optional read-only Notion lookup

```
• Called context-sync.set_workspace({"path":"C:\\Users\\mamba\\context-sync"})
  L ✓ **Workspace Connected**: c:\users\mamba\context-sync (Git repo ✓)

  📁 **Project**: context-sync
  ⚙️ **Tech Stack**: TypeScript
  🏗️ **Architecture**: Not detected

  📁 **Structure Preview**:
  ├── 📁 assets/
  │   └── cs-logo.png
  ├── 📁 bin/
  │   ├── auto-configurator.cjs
  │   ├── install.cjs
  │   ├── platform-configs.cjs
  │   ├── register-continue.cjs
  │   └── setup.cjs
  └── 📁 docs/
      ├── CONFIG.md
      ├── git-context-engine.ts
      └── git-hook-manager.ts...
```

```
• Called
  L context-sync.create_file({"path":"docs/RELEASE_NOTES.md","content":"# Release notes\n\nThis release is a mai
```

What It Does

Context Sync is built for session continuity. Instead of relying on a model to remember earlier conversations, it stores the project context that matters and makes it retrievable through a small MCP tool surface.

The current core tools are:

- `set_project`
- `remember`
- `recall`
- `read_file`
- `search`
- `structure`

- `git`
- `notion`

Install

Install globally:

```
npm install -g @context-sync/server
```



Auto-configuration runs during global install. After install, restart your AI tool.

If you install locally instead of globally, auto-config does not run. Use the manual config guide in [docs/CONFIG.md](#).

Verify

Check that `context-sync` appears in your MCP tool list:

- Claude Desktop: open the tools list
- Cursor: open the tools list
- VS Code / Copilot Chat Agent mode: check tools
- Continue.dev: open the Continue panel
- Codex CLI: `codex mcp list`
- Claude Code: `claude mcp list`

If auto-config fails, use [docs/TROUBLESHOOTING.md](#) and [docs/CONFIG.md](#).

Optional Notion Setup

Run the setup wizard if you want Notion integration:

```
context-sync-setup
```



or:

```
npx context-sync-setup
```



Notion support is intentionally read-only at the tool surface:

- `notion({ action: "search", query: "..."})`

- `notion({ action: "read", pageId: "..."})`

First-Time Workflow

Start every new session by setting the project first:

```
1. set_project({ path: "/absolute/path/to/project" })
2. recall()
3. structure({ depth: 2 })
4. read_file({ path: "src/index.ts" })
5. remember({ type: "decision", content: "Use SQLite for local storage"
})
```



Recommended pattern:

- `set_project` once per project/session start
- `recall` to recover context
- `structure` and `search` to explore
- `read_file` for focused inspection
- `remember` when something should survive the current session

Git Integration

When you run `set_project` inside a git repository, Context Sync can install hooks for automatic context capture.

Installed hooks:

- `post-commit`
- `pre-push`
- `post-merge`
- `post-checkout`

Hooks are marked with `Context Sync Auto-Hook`, and existing hooks are backed up first.

The `git` tool supports:

- `status`
- `context`
- `hotspots`
- `coupling`
- `blame`

- `analysis`

Data And Config

Default locations:

- Database: `~/.context-sync/data.db`
- Config: `~/.context-sync/config.json`
- Install status: `~/.context-sync/install-status.json`

Custom database options:

- CLI: `context-sync --db-path /absolute/path/to/db`
- Env var: `CONTEXT_SYNC_DB_PATH`

See [docs/DATA.md](#) for storage details.


Supported Platforms

- Claude Desktop
- Cursor
- VS Code + GitHub Copilot
- Continue.dev
- Zed
- Windsurf
- Codeium
- TabNine
- Codex CLI
- Claude Code
- Antigravity

Docs

- [docs/TOOLS.md](#)
- [docs/CONFIG.md](#)
- [docs/TROUBLESHOOTING.md](#)
- [docs/DATA.md](#)
- [docs/RELEASE_NOTES.md](#)

Releases 11

 **Context sync v2.0.0** Latest
on Jan 31

[+ 10 releases](#)


Packages

No packages published

Contributors 3

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 **didierhk** dhk

 **ImgBotApp** Imgbot

Languages

