

# OmniCortex Web Dashboard

User Guide

The OmniCortex Dashboard is a visual interface for browsing, searching, and managing your memories. Built with Vue 3 and FastAPI, it provides real-time updates and powerful analytics.

## Quick Start

omni-cortex-dashboard  
Opens at <http://localhost:8765>

## Key Features

Core Features	Data Management
<ul style="list-style-type: none"> <li>• 7 Feature Tabs</li> <li>• Real-time WebSocket updates</li> <li>• Project switching</li> <li>• Dark/Light theme support</li> <li>• Multi-project selector</li> </ul>	<ul style="list-style-type: none"> <li>• Export to JSON, Markdown, CSV</li> <li>• Bulk status updates</li> <li>• Memory editing &amp; deletion</li> <li>• Advanced filtering</li> </ul>

## Dashboard Tabs Overview

Tab	Icon	Purpose
Memories	Database	Browse, search, filter, and edit memories
Activity	History	View complete audit trail of tool usage
Statistics	BarChart	Analytics: heatmaps, charts, distributions
Review	RefreshCw	Mark stale memories as fresh/outdated/archived
Graph	Network	Visualize memory relationships with D3.js
Ask AI	MessageSquare	Natural language queries with 3 modes (Chat/Compose/Generate)
Style	Palette	Manage writing style profiles and markers

## Memories Tab

The Memory Browser is the primary interface for viewing and managing your stored knowledge.

- **Infinite Scroll** - Loads 50+ memories at a time as you scroll
- **Advanced Filtering** - Filter by type, status, tags, importance range
- **Sorting Options** - Sort by last accessed, created date, importance, access count
- **Full-text Search** - Search in content and context with highlighting
- **Detail Panel** - Right sidebar shows full memory with edit/delete options
- **Export Options** - Copy as Markdown or download as JSON

## Activity Tab

Complete audit trail of every tool call made during your sessions.

- **Event Type Filter** - pre\_tool\_use, post\_tool\_use, decision, observation
- **Tool Filter** - Filter by specific tool name
- **Status Indicators** - Success/failure badges with error messages
- **Timing Info** - Duration in ms/seconds, exact timestamps
- **Expandable Rows** - Click to view full JSON input/output with copy button
- **MCP Badges** - Shows which MCP server handled the tool call
- **Command/Skill Tags** - Visual badges for slash commands and skills

Activity Stats: Total activities | Success count | Failed count

## Statistics Tab

Comprehensive analytics and visualizations for your memory data.

Chart	Description
Overview Cards	Total memories, average importance, total views
Type Distribution	Horizontal bar chart showing memories per type
Status Distribution	Progress bars for fresh/needs_review/outdated/archived
Top Tags	Top 15 tags with usage counts (clickable)
Activity Heatmap	90-day GitHub-style calendar visualization
Tool Usage Chart	Top 10 tools with success rate indicators
Memory Growth	30-day line chart: cumulative + daily new

## Command & Skill Analytics (v1.3.0+)

Chart	Description
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Command Usage	Bar chart: slash commands by usage count, filterable by scope
Skill Usage	Bar chart: skill adoption and success rates
MCP Usage	Doughnut chart: MCP server integration metrics

## Ask AI Tab

Natural language queries about your memories using Gemini. The Ask AI panel now supports **three modes**: Chat, Compose, and Generate.

Setup Required: `export GEMINI_API_KEY=your_api_key_here`

### Chat Mode

- **Conversational Interface** - Multi-turn conversation history
- **Source Citations** - Responses cite which memories were used
- **Clickable Sources** - Click citations to navigate to memory
- **Example Prompts** - Suggested queries to get started

### Compose Mode (Response Composer) - NEW in v1.13.0

Generate AI-powered responses that match your personal writing style. Perfect for Skool posts, DMs, emails, and comments.

- **Platform Context Selector** - Skool post, DM, Email, Comment, General
- **Response Templates** - Answer Question, Provide Guidance, Redirect to Resource, Acknowledge
- **Tone Slider** - Adjust from Very Casual (0) to Very Professional (100)
- **Style Profile Integration** - Uses your stored writing samples for voice matching
- **Memory Context** - Optionally include relevant memories in response generation
- **Custom Instructions** - Add specific requirements or questions to include (v1.14.0)
- **'Explain to Me' Mode** - Get explanation of incoming message before responding (v1.14.0)
- **Response History** - Last 5 responses with click-to-reload
- **Copy & Regenerate** - Quick actions for generated responses

### Generate Mode (Nano Banana Pro)

Generate visual content from your memories using Gemini 3 Pro image generation.

Image Features	Memory Integration
<ul style="list-style-type: none"> <li>• 8 preset templates</li> <li>• Batch generation (1-4 images)</li> <li>• 10 aspect ratios</li> <li>• 1K/2K/4K resolution</li> </ul>	<ul style="list-style-type: none"> <li>• Select memories as context</li> <li>• Search and filter memories</li> <li>• Multi-turn refinement</li> <li>• Click-to-edit images</li> </ul>

## Style Tab - NEW in v1.13.0

Manage your personal writing style for use with the Response Composer. The Style Tab helps you build a profile of your communication patterns.

- **User Messages** - Store sample messages that represent your writing style
- **Style Markers** - Define specific patterns, phrases, and characteristics of your voice
- **Style Profile** - Auto-computed profile based on your samples
- **Platform Grouping** - Organize samples by platform (Skool, email, DM, etc.)

## Review Tab (Freshness Management)

Keep your knowledge base fresh by reviewing stale memories.

- **Days Threshold** - Configure: 7, 14, 30, 60, or 90 days
- **Bulk Selection** - Select all or individual memories
- **Batch Actions** - Mark Fresh | Mark Outdated | Archive
- **Progress Bar** - Shows review completion percentage

## Relationship Graph Tab

Interactive D3.js force-directed network visualization of memory connections.

Node Features	Edge Types
<ul style="list-style-type: none"><li>• Color-coded by memory type</li><li>• Drag to reposition</li><li>• Click to select</li><li>• Double-click to recenter</li></ul>	<ul style="list-style-type: none"><li>• related_to (solid)</li><li>• supersedes (dashed, amber)</li><li>• derived_from (dotted, purple)</li><li>• contradicts (dotted, red)</li></ul>

## Header Navigation

Element	Function
Project Switcher	Switch between projects; click Manage for full control
Multi-Project Selector	Select multiple projects to aggregate data (v1.10.0+)
Search Bar	Full-text search (Enter to search, Esc to clear)
Refresh Button	Reload data with loading spinner
Export Button	Export to JSON, Markdown, or CSV
Filter Toggle	Show/hide the filter panel
Theme Switcher	Light, Dark, or System preference
Help Button	Open help modal with shortcuts and tour replay
Connection Status	Live indicator with auto-updating timer (pulsing dot)

## Multi-Project Features (v1.10.0+)

- **Aggregate Statistics** - View combined stats across selected projects
- **Duplication Warning Banner** - Alerts when Global Index + individual projects selected
- **Quick Actions** - 'View Global Only' and 'View Projects Only' buttons
- **Click-to-Toggle** - Easy project selection with checkboxes

## Keyboard Shortcuts

Shortcut	Action
/	Focus search bar
Esc	Clear selection/filters
j / k	Navigate down/up through memories
Enter	Select first memory / Submit chat
r	Refresh data
?	Open Help dialog
1-9	Quick filter by memory type

## Pro Tips

- First-time users see an **onboarding tour** - replay it via Help button
- Use the **Activity Heatmap** to identify your most productive periods
- Link related memories to build a knowledge graph for visualization

- Review stale memories monthly to keep your knowledge base fresh
- Use **semantic search** for conceptual queries (requires omni-cortex[semantic])
- Export memories before major refactoring for backup
- **Star your most-used projects** for quick access in the Project Switcher
- Use **Response Composer** to generate style-matched responses for community engagement

OmniCortex | [github.com/AllCytes/Omni-Cortex](https://github.com/AllCytes/Omni-Cortex)