Kirby in the Age of AI

An interactive talk on AI workflows, agents, MCP,
and a possible future of building with Kirby.

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bnomei

.not(...)

- security and alignment concerns
- GDPR
- ai taking jobs
- likelihood of the extinction of all humans
- should you read the code? it depends

Overview

- you vs team
- connecting accounts and external input
- working with AI
- how to prepare a Kirby project
- where an MCP server fits in
- what about skills
- interactive demos
- where to go from there

You vs Team

- Task definition
- Review process
- Code ownership, taking responsibility
- Me?

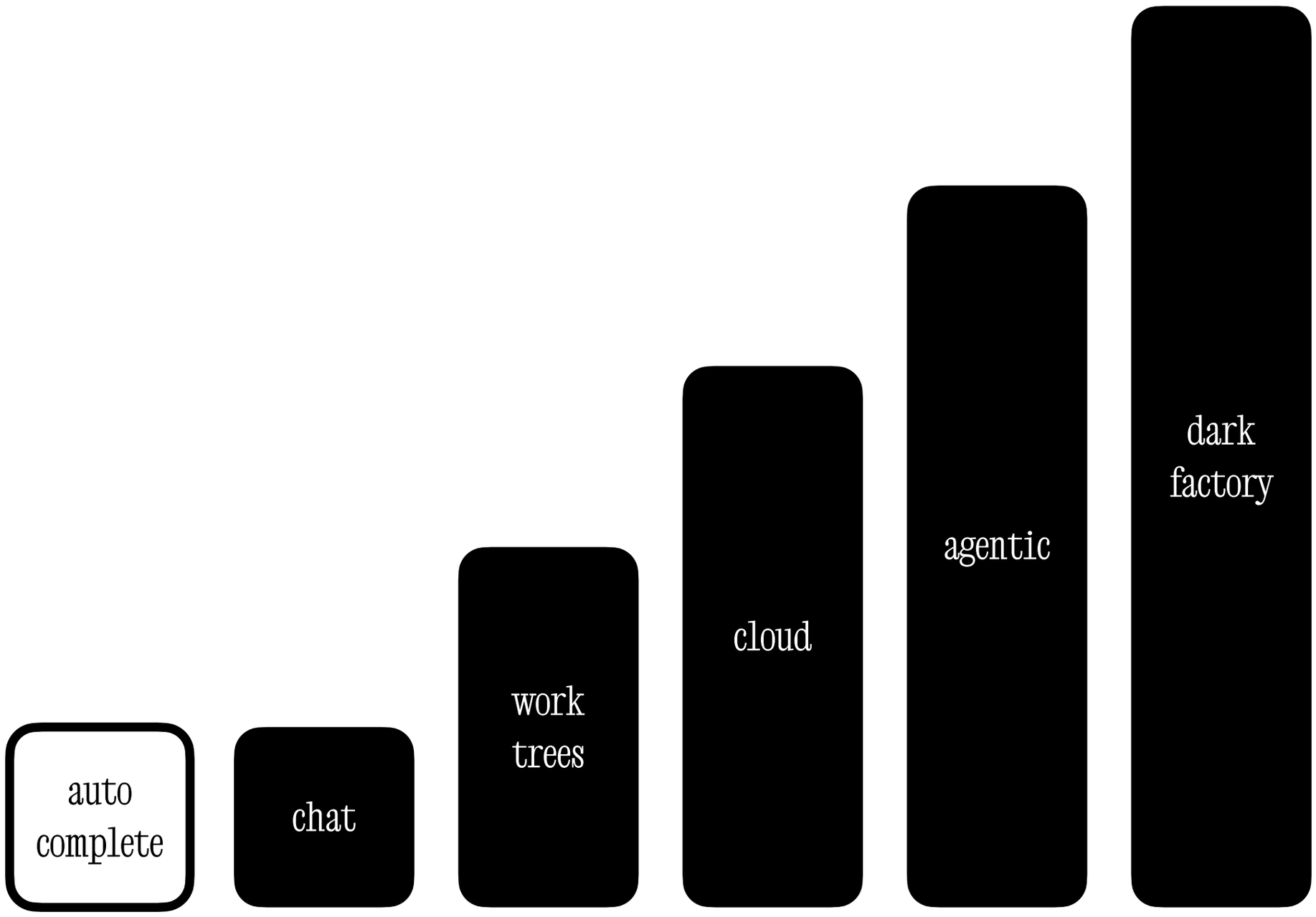
Connections and Input

- local text and image Files
- Drive, File, Email, Calendar, ...
- MCP Servers
- Plugins
- CLIs
- WWW

Working with AI

- Context and Prompts
- Vibe Coding
- Slop
- Isolation and Permissions
- Burnout and FOMO
- Testing
- Specifications and Acceptance Criteria
- Tools
- Cost

5 Levels 🙌



My journey so far

- Summer 2025, 80% backend, 20% frontend
- Parallel sessions and attention
- 30+ shipped polished personal projects
- 4 major client projects
- lots of throwaway slop
- Read the code? it depends
- Highly agentic workflow. Cost in crunch mode?
  - peaked at 400k loc/day
  - 1B tok / day

Craft

- Vim or Whisper
- New tools, new skills
- hire only smart interns
- How to onboard the new intern 100 times / day
- Software development
- Mental gap
  - behavior you think exists vs what really exists

Kirby Copilot
by Johann Schopplich

- 🧭 View Button: Fill several fields from one prompt, with files and other pages as context.
- 🧱 Blocks & Layouts: Whole layouts from your own block blueprints, custom blocks included.
- ⚡ Inline Suggestions: Ghost text after a pause – Tab keeps it.
- 🖨️ Toolbar Buttons: Rewrite or extend the selection in writer and textarea fields.
- 📚 Skills: Reusable instructions, pulled into any prompt with `@skill://`.
- 🌞 Prompt Templates: Save and reuse frequently used prompts.
- 🦙 Multi-Provider: OpenAI, Anthropic, Google, or Mistral – switch anytime.
- 🛠️ PHP API: Drive AI from CLI, hooks, and custom workflows – see PHP classes.

MCP Server 🙌

- stdio or stateless http
- Tools
- Resources
- (Tasks)
- MCP Apps: UI via React
- (+ Skills / Prompts)

MCP Server vs CLI

- it depends

Skills 🙌

- DRY
- KISS
- evaluation industry

MCP local setup

- composer require bnomei/kirby-mcp -- dev
- the MCP server is intentionally NOT a plugin
- ./AGENTS.md guidance
- Add the MCP Server to your tool of choice
  - claude mcp add kirby -- vendor/bin/kirby-mcp
    codex mcp add kirby -- vendor/bin/kirby-mcp

MCP remote setup

- composer require bnomei/kirby-mcp [-- dev]
- ./AGENTS.md guidance
- Panel admin user
- Add the routes for OAuth
- Point your agent to https://your-website.com/mcp

```php
<?php

use Bnomei\KirbyMcp\Mcp\KirbyMcpRoutes;

return [
    'routes' => [
        ...KirbyMcpRoutes::routes(),
    ],
];
```

Create and Change

- Content structure
- Fontend layout
- Backend logic
- Content 🌍
- Design 🤷

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Demo

Future

- Its something new you can learn. Have fun.
- You can choose how deep the rabbit hole goes. Ignore FOMO.
- Start simple. Then go wide or deep, but not both right away.
- Embrace the slop as amplifier but don’t push slop to prod.
- Use agents as your personal team to free up time for other stuff.
- Grab your phone and work outside if a tasks at hand allow that.

Questions?

My choice of tools

- AMP
- HumanLayer
- Codex
- Granola
- Tavily
- Peek / Typora
- Railway
- Sentry
- Posthog