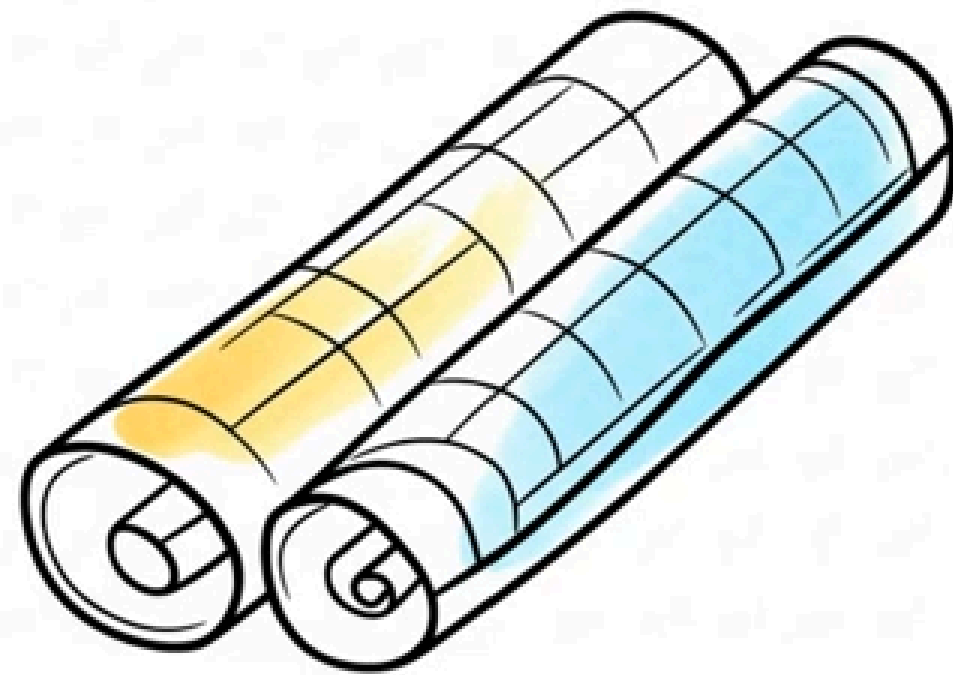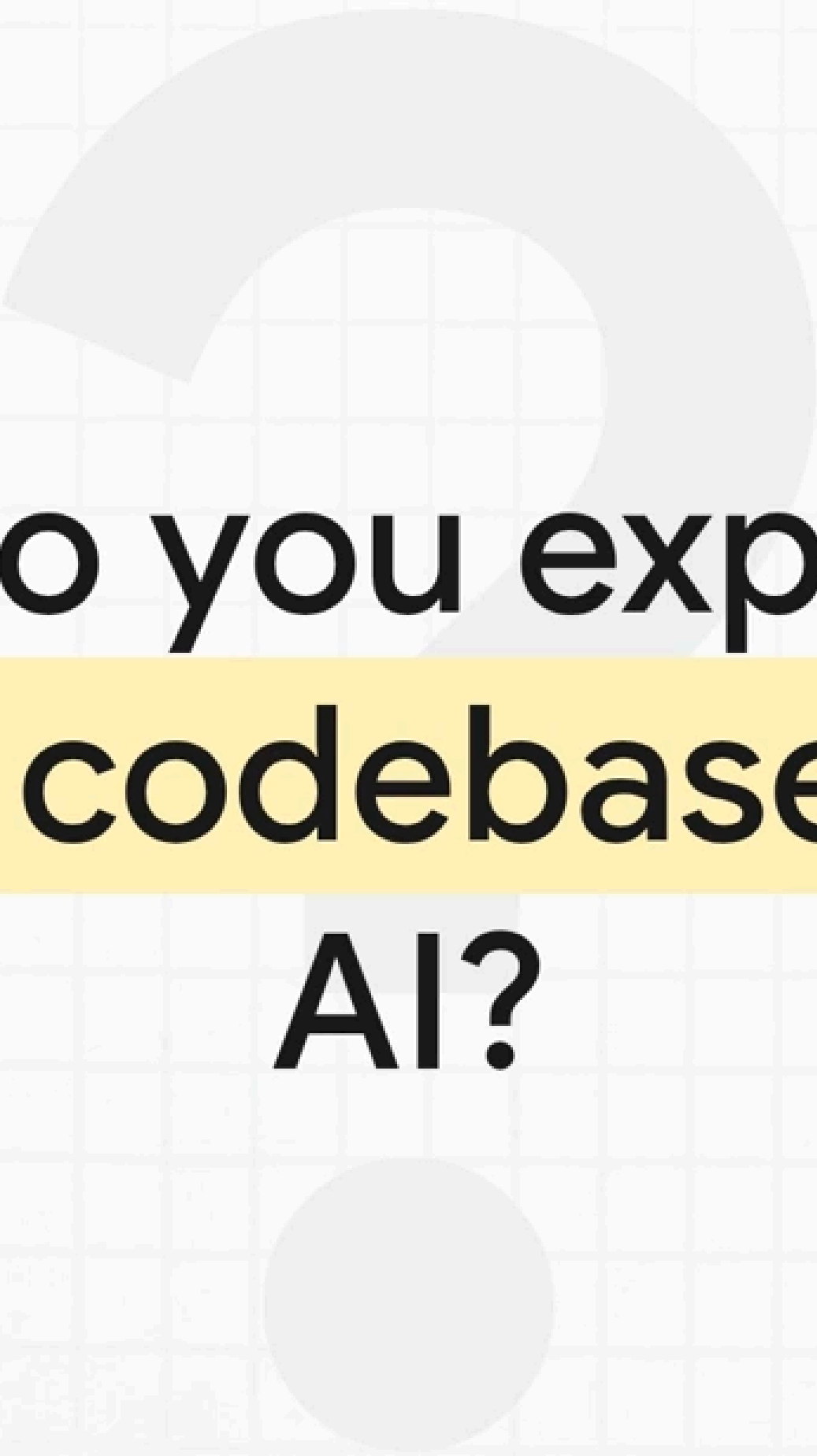# Dir2md: The AI Code Blueprint

How do you explain an entire codebase to an AI?

The Old Way Falls Short

- Too much noise from irrelevant files
- Wasted money on excess tokens
- Accidental exposure of security keys
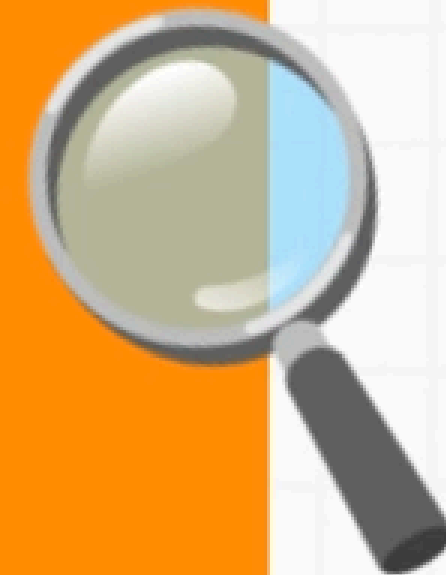- No structure for the AI to understand

1

Dir2md: Smart Blueprints

Section 1

Dir2md

A tool that analyzes a codebase and generates a comprehensive, LLM-optimized markdown file.

Dir2md follows an Open-Core model, providing essential functionality for free while offering advanced features for professionals.

Core Power (Free & OS)

- ✅ Complete directory scanning
- ✅ Smart content sampling & filtering
- ✅ Duplicate detection
- ✅ Basic security masking
- ✅ Multiple output modes
- ✅ Deterministic output

2

Open Source vs. Pro

Section 2

Feature Category	Open Source	Pro Version
Functionality	✅ Full Access	✅ Enhanced
Security	✅ Basic	✅ Advanced
Performance	✅ Single	✅ Parallel
Exports	✅ Markdown	✅ HTML, PDF
Teams	❌ Individual	✅ CI/CD
Languages	✅ Basic	✅ Smart Plugins

Basic Masking: Protects common secrets like AWS keys and Bearer tokens.

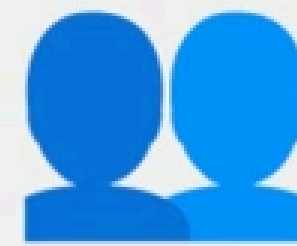**Comprehensive Masking**: Covers 25+ patterns for cloud, APIs, and supports custom rules.
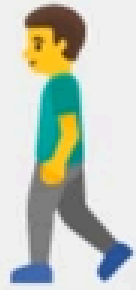
Single-threaded: Great for small to medium projects and individual developers.

Parallel + Caching: Built for massive repositories with multi-threaded processing and smart caching.

Individual Use: Perfect for solo developers and personal projects.

CI/CD Integration: Automates documentation and runs quality checks for teams in GitHub & GitLab.

3

Making The Pro Choice

Section 3

Upgrade for... Individuals

- Handle sensitive code with advanced security
- Process large repositories faster
- Create professional exports (HTML/PDF)
- Use language-specific code analysis

Upgrade for... Teams

- Standardize documentation across projects
- Integrate with CI/CD pipelines
- Meet compliance needs for security audits
- Get team analytics and insights
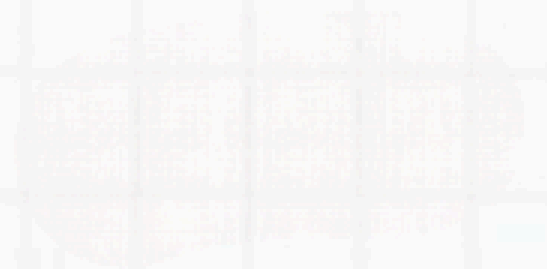
4

Why This Matters

Section 4

> "Made with ❤️ for developers who want their **AI** to **understand** their code

It's about clear, secure, and efficient communication between human and machine.