GOODWARE ARCHITECTURE – Overview

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OVERVIEW Goodware combines structured specifications (YAML/JSON) with AI■assisted code generation under human review. The goal is to accelerate ethical solutions while guaranteeing safety and transparency.

KEY CONCEPTS • Structured Specifications: domain experts outline goals, constraints, and modules. • AI Engine: converts the specification into safe Rust code. • Human Validation: rigorous review, audits, and tests before production. • Modular Design: each problem is divided into isolated Rust components. • Extensibility: new domains supported by updating the schema and retuning the AI.

REPOSITORY STRUCTURE /docs – Manifesto, license, guides /core – Core Goodware library in Rust /sdk – APIs and CLI tools /examples – Demonstrative use cases /tests – Automated test suite

ROADMAP 2025■2026 (Summary) 2025: v0.1 release, pilots, community building, initial council. 2026: technical scaling, multi■sector adoption, global partnerships.

2025 CONTEXT • Rising AI■assisted development demands built■in ethics. • Regulations and society require openness and accountability. • Goodware provides a concrete response to these challenges.