Phase 0: Foundation & Setup

Duration: October 16-17, 2025
Status: ✅ Complete

Goal

Infrastructure ready, core dependencies installed, basic CLI framework operational.

Deliverables

Development Environment ✅

- Python 3.9+ environment configured
- Git 2.30+ installed and verified
- Docker environment (planned for test sandboxing)
- Project directory structure created

Project Structure ✅

- Core package structure (`sologit/`)
- CLI framework with Click
- Configuration management system
- API client foundation
- Logging and error handling

CLI Commands ✅

- `evogitctl config setup` - Interactive configuration wizard
- `evogitctl config show` - Display current configuration
- `evogitctl config test` - Test API connectivity
- `evogitctl config validate` - Validate configuration file

Configuration System ✅

- YAML-based configuration
- API credential management (Abacus.ai)
- Budget controls and thresholds
- Model selection strategy
- Template-based config generation

API Integration ✅

- Abacus.ai RouteLLM client
- Authentication and authorization
- Error handling and retries
- Rate limiting awareness

Documentation ✅

- README with project overview

- Setup instructions
- Architecture overview
- Configuration examples

Validation Tests

All Phase 0 validation tests passed:

```
# Project structure
✅ Directory structure created
✅ All core modules present

# CLI functionality
✅ evogitctl command available
✅ Config commands functional
✅ Help text comprehensive

# Configuration system
✅ Config file creation
✅ Template generation
✅ Validation logic
✅ API credential storage

# API integration
✅ Client initialization
✅ Basic connectivity (when credentials provided)
```

Phase 0 Completion Report

See: Phase 0 Completion (./phase-0-completion.md)

Next Phase

Phase 1: Core Git Engine - Repository initialization, workpad management, test orchestration.

Completed: October 16, 2025