# AI Chat & Agent

Intelligent AI assistance with memory and learning capabilities.

## AI Chat Features

### Enhanced Conversations
- **Memory**: Remembers previous conversations
- **Context**: Understands your codebase
- **Learning**: Adapts to your coding style
- **Multi-turn**: Maintains conversation context

### Code Analysis
- Analyze current file or selection
- Get suggestions for improvements
- Understand complex code patterns
- Debug issues with AI assistance

## AI Agent Capabilities

### Task Execution
- Execute complex development tasks
- Multi-step problem solving
- Code generation and refactoring
- Project analysis and recommendations

### Learning System
- Learns from your patterns
- Improves over time
- Adapts to your preferences
- Tracks success rates

## Using the Chat

### Basic Usage
1. Open Chat: Quick Access → "Open Chat"
2. Type your question or request
3. Get intelligent, context-aware responses
4. Continue the conversation naturally

### Advanced Features
- **Code Context**: Chat understands your current file

- **Project Awareness**: Knows your project structure
- **Memory**: Remembers previous discussions
- **Learning**: Gets better with use

### Best Practices
- Be specific about your needs
- Provide context when needed
- Use follow-up questions
- Give feedback to improve responses

## Using the Agent

### Task-Based Interaction
1. Open Agent: Quick Access → "Open Agent"
2. Describe your task or goal
3. Agent analyzes and executes
4. Review results and iterate

### Complex Workflows
- Multi-file refactoring
- Architecture planning
- Code review and optimization
- Documentation generation

## Memory Management

### Conversation History
- Automatic conversation saving
- Search through chat history
- Export conversations
- Clear memory when needed

### Learning Patterns
- AI learns your coding patterns
- Adapts suggestions to your style
- Improves accuracy over time
- Tracks what works best

## Privacy & Security

### Data Handling
- Conversations stored locally

- No data sent without permission
- Clear privacy controls
- Enterprise-grade security

### Memory Controls
- Manage what AI remembers
- Clear specific conversations
- Export/import memory data
- Privacy-first design