Getting Started

Get Claude MPM running in under 5 minutes.

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Prerequisites

Required: - Python 3.8 or higher - Claude Code CLI (not Claude Desktop app) - Install Claude Code from https://claude.ai/code

Recommended: - pipx for isolated installation - Git for version control features

Installation

Recommended: pipx with Monitor

```
# Install with full dashboard functionality
pipx install "claude-mpm[monitor]"

# Or install specific version
pipx install "claude-mpm[monitor]==4.15.4"

# Upgrade existing installation
pipx upgrade claude-mpm
```

Why `[monitor]`? Enables the real-time dashboard that shows agent collaboration. Without it, monitoring features won't work.

Alternative: pip

```
# New installation
pip install claude-mpm

# Install specific version
pip install claude-mpm==4.15.4

# Upgrade
pip install --upgrade claude-mpm
```

Development Installation

```
# Clone repository
git clone https://github.com/bobmatnyc/claude-mpm.git
cd claude-mpm

# Install in editable mode with all extras
pip install -e ".[dev,monitor]"

# Verify installation
claude-mpm --version
```

First Run

Interactive Mode (Recommended)

```
claude-mpm
```

This opens a Claude session with multi-agent orchestration enabled.

With Monitoring Dashboard

```
claude-mpm run --monitor
```

Opens dashboard at http://localhost:8765 showing real-time agent activity.

Try Your First Task

In the Claude session, type:

```
"Analyze this project structure"
"Help me improve this code"
"Create tests for this function"
```

Watch specialized agents (Research, Engineer, QA) work together!

Auto-Configuration

Claude MPM can automatically detect your project stack and configure appropriate agents.

```
# Auto-configure current project
claude-mpm auto-configure

# Preview recommendations without applying
claude-mpm auto-configure --preview

# Use lower confidence threshold
claude-mpm auto-configure --threshold 60
```

What it detects: - **Languages**: Python, JavaScript, TypeScript, Go, Rust, PHP, Ruby, Java - **Frameworks**: FastAPI, Flask, Next.js, React, Express, Laravel, Rails - **Tools**: Docker, Kubernetes, databases, testing frameworks

Result: Agents are automatically deployed to `.claude-agents/` based on your stack.

Essential Commands

Interactive Mode

```
# Start interactive session
claude-mpm

# With monitoring
claude-mpm run --monitor

# Resume previous session
claude-mpm run --resume
```

Slash Commands (in Claude Code)

These work in any Claude Code session when Claude MPM is installed:

```
# Initialize project
/mpm-init

# System diagnostics
/mpm-doctor

# Manage agents
/mpm-agents

# Semantic code search
/mpm-search "authentication logic"

# Pause session
/pause

# Resume session
/resume
```

CLI Commands

```
# Project initialization
claude-mpm init

# Auto-configure stack
claude-mpm auto-configure

# System diagnostics
claude-mpm doctor

# Agent management
claude-mpm agents list
claude-mpm agents deploy
claude-mpm agents create <name>

# Semantic search
claude-mpm search "database connection"

# Local process management
claude-mpm local-deploy start --command "npm run dev"
claude-mpm local-deploy list
claude-mpm local-deploy stop <deployment-id>
```

What's Next

New Users: 1. Read User Guide to learn key features 2. Try auto-configuration: `claude-mpm auto-configure` 3. Explore monitoring: `claude-mpm run --monitor` 4. Set up local deployments for your development servers

Common Next Steps: - Configure auto-restart for dev servers: See User Guide - Local Process Management - Set up project-specific agents: See User Guide - Agent System - Learn session pause/resume: See User Guide - Session Management - Explore memory system: See User Guide - Memory System

Need Help? - Common issues: Troubleshooting - Feature documentation: User Guide - Developer resources: ../developer/architecture.md