

docs_dir: '.' # replace with the correct path if your documentation files are not in the same directory as mkdocs.yml

site_name: Swarms

site_url: <https://docs.swarms.world>

site_author: Swarms

site_description: The Enterprise-Grade Production-Ready Multi-Agent Orchestration Framework

repo_name: kyegeomez/swarms

repo_url: <https://github.com/kyegeomez/swarms>

edit_uri: <https://github.com/kyegeomez/swarms/tree/main/docs>

copyright: TGSC Corp 2024. All rights reserved.

plugins:

- # - glightbox

- search

- git-authors

- mkdocs-jupyter:

 - kernel_name: python3

 - execute: false

 - include_source: True

 - include_requirejs: true

- mkdocstrings:

 - default_handler: python

 - handlers:

 - python:

 - options:

 - parameter_headings: true

paths: [supervision]

load_external_modules: true

allow_inspection: true

show_bases: true

group_by_category: true

docstring_style: google

show_symbol_type_heading: true

show_symbol_type_toc: true

show_category_heading: true

domains: [std, py]

- git-committers:

repository: kyegomez/swarms

branch: master

token: !ENV ["GITHUB_TOKEN"]

- git-revision-date-localized:

enable_creation_date: true

extra_css:

- assets/css/extra.css

extra:

social:

- icon: fontawesome/brands/twitter

link: <https://x.com/KyeGomezB>

- icon: fontawesome/brands/github

link: <https://github.com/kyegomez/swarms>

- icon: fontawesome/brands/twitter

link: https://x.com/swarms_corp

- icon: fontawesome/brands/discord

link: <https://discord.com/servers/agora-999382051935506503>

analytics:

provider: google

property: G-MPE9C65596

theme:

name: material

custom_dir: overrides

logo: assets/img/swarms-logo.png

palette:

- scheme: default

primary: white # White background

accent: white # Black accents for interactive elements

toggle:

icon: material/brightness-7

name: Switch to dark mode

- scheme: slate # Optional: lighter shades for accessibility

primary: black

accent: black

toggle:

icon: material/brightness-4

name: Switch to light mode

features:

- content.code.copy

- content.code.annotate
- navigation.tabs
- navigation.sections
- navigation.expand
- navigation.top
- announce.dismiss

font:

text: "Fira Sans" # Clean and readable text

code: "Fira Code" # Modern look for code snippets

Extensions

markdown_extensions:

- abbr
- admonition
- attr_list
- def_list
- footnotes
- md_in_html
- toc:
 - permalink: true
- pymdownx.arithmatex:
 - generic: true
- pymdownx.betterem:
 - smart_enable: all
- pymdownx.caret

- pymdownx.details
- pymdownx.emoji:
 - emoji_generator: !!python/name:material.extensions.emoji.to_svg
 - emoji_index: !!python/name:material.extensions.emoji.twemoji
- pymdownx.highlight:
 - anchor_linenums: true
 - line_spans: __span
 - pygments_lang_class: true
- pymdownx.inlinehilite
- pymdownx.keys
- pymdownx.magiclink:
 - normalize_issue_symbols: true
 - repo_url_shorthand: true
 - user: squidfunk
 - repo: mkdocs-material
- pymdownx.mark
- pymdownx.smartsymbols
- pymdownx.snippets:
 - auto_append:
 - includes/mkdocs.md
- pymdownx.superfences:
 - custom_fences:
 - name: mermaid
 - class: mermaid
 - format: !!python/name:pymdownx.superfences.fence_code_format
- pymdownx.tabbed:

alternate_style: true

combine_header_slug: true

slugify: !!python/object/apply:pymdownx.slugs.slugify

kwds:

case: lower

- pymdownx.tasklist:

custom_checkbox: true

- pymdownx.tilde

nav:

- Home:

- Overview: "index.md"

- The Vision: "swarms/framework/vision.md"

- Docker Setup: "swarms/install/docker_setup.md"

- Our Goal; The Ultimate Multi-Agent LLM Framework for Developers:

"swarms/concept/vision.md"

- Swarm Ecosystem: "swarms/concept/swarm_ecosystem.md"

- Onboarding:

- Installation: "swarms/install/install.md"

- Environment Configuration: "swarms/install/workspace_manager.md"

- Quickstart: "swarms/install/quickstart.md"

- Swarms CLI: "swarms/cli/main.md"

- Swarms + Docker:

- Swarms Framework Architecture: "swarms/concept/framework_architecture.md"

- Preliminary:

- 80/20 Rule For Agents: "swarms/prompting/8020.md"

- Managing Prompts in Production: "swarms/prompts/main.md"

- Agents:

- Overview: "swarms/structs/index.md"

- Build Custom Agents: "swarms/structs/diy_your_own_agent.md"

- Agent Architecture: "swarms/framework/agents_explained.md"

- Complete Agent API: "swarms/structs/agent.md"

- OpenAI Assistant: "swarms/agents/openai_assistant.md"

- Create and Run Agents from YAML: "swarms/agents/create_agents_yaml.md"

- Integrating External Agents from Griptape, Langchain, etc:

"swarms/agents/external_party_agents.md"

- Tools:

- Overview: "swarms/tools/main.md"

- What are tools?: "swarms/tools/build_tool.md"

- ToolAgent: "swarms/agents/tool_agent.md"

- Tool Storage & tool_registry decorator: "swarms/tools/tool_storage.md"

- RAG || Long Term Memory:

- Integrating RAG with Agents: "swarms/memory/diy_memory.md"

- Swarm Architectures:

- Why MultiAgent Collaboration is Necessary: "swarms/concept/why.md"

- Swarm Architectures: "swarms/concept/swarm_architectures.md"

- Choosing the right Swarm Architecture: "swarms/concept/how_to_choose_swarms.md"

- Building Custom Swarms: "swarms/structs/custom_swarm.md"

- Architectures Available:

- MajorityVoting: "swarms/structs/majorityvoting.md"

- AgentRearrange: "swarms/structs/agent_rearrange.md"

- RoundRobin: "swarms/structs/round_robin_swarm.md"

- Mixture of Agents: "swarms/structs/moa.md"

- GraphWorkflow: "swarms/structs/graph_workflow.md"
- GroupChat: "swarms/structs/group_chat.md"
- AgentRegistry: "swarms/structs/agent_registry.md"
- SpreadsheetSwarm: "swarms/structs/spreadsheet_swarm.md"
- ForestSwarm: "swarms/structs/forest_swarm.md"
- SwarmRouter: "swarms/structs/swarm_router.md"
- TaskQueueSwarm: "swarms/structs/taskqueue_swarm.md"
- SwarmRearrange: "swarms/structs/swarm_rearrange.md"
- Various Execution Methods: "swarms/structs/various_execution_methods.md"
- Workflows:
 - ConcurrentWorkflow: "swarms/structs/concurrentworkflow.md"
 - AsyncWorkflow: "swarms/structs/async_workflow.md"
 - SequentialWorkflow: "swarms/structs/sequential_workflow.md"
- Structs:
 - Conversation: "swarms/structs/conversation.md"

- Task: "swarms/structs/task.md"

- Full API Reference: "swarms/framework/reference.md"

- Swarm Models:

- Overview: "swarms/models/index.md"

- Models Available: "swarms/models/index.md"

- Available Models from OpenAI, Huggingface, TogetherAI, and more:

"swarms/models/models_available_overview.md"

- Model Router

- Quickstart: "swarms/models/models_available_overview.md"

- How to Create A Custom Language Model: "swarms/models/custom_model.md"

- Language Models:

- BaseLLM: "swarms/models/base_llm.md"
- HuggingFaceLLM: "swarms/models/huggingface.md"
- Anthropic: "swarms/models/anthropic.md"
- OpenAIChat: "swarms/models/openai.md"
- OpenAIFunctionCaller: "swarms/models/openai_function_caller.md"
- Groq: "swarms/models/groq.md"
- # - Ollama:
- # - Fireworks
- # - Octo
- # - Liquid AI
- MultiModal Models:
 - BaseMultiModalModel: "swarms/models/base_multimodal_model.md"
 - Multi Modal Models Available: "swarms/models/multimodal_models.md"
 - GPT4VisionAPI: "swarms/models/gpt4v.md"
- # - Swarms Cloud API:
 - # # - Overview: "swarms_cloud/main.md"
 - # - Overview: "swarms_cloud/vision.md"
 - # - Swarms Cloud CLI: "swarms_cloud/cli.md"
 - # # - Add Agents to Marketplace: "swarms_cloud/add_agent.md"
 - # - Available Models: "swarms_cloud/available_models.md"
 - # - Agent API: "swarms_cloud/agent_api.md"
 - # - Migrate from OpenAI to Swarms in 3 lines of code: "swarms_cloud/migrate_openai.md"
 - # - Getting Started with SOTA Vision Language Models VLM: "swarms_cloud/getting_started.md"
- Swarms Memory:
 - Overview: "swarms_memory/index.md"
 - Memory Systems:

- ChromaDB: "swarms_memory/chromadb.md"
- Pinecone: "swarms_memory/pinecone.md"
- Faiss: "swarms_memory/faiss.md"
- Swarms Marketplace:
 - Overview: "swarms_platform/index.md"
 - Share & Discover Prompts, Agents, Tools, and more: "swarms_platform/share_discover.md"
 - Prompts API:
 - Add Prompts: "swarms_platform/prompts/add_prompt.md"
 - Edit Prompts: "swarms_platform/prompts/edit_prompt.md"
 - Query Prompts: "swarms_platform/prompts/fetch_prompts.md"
 - Agents API:
 - Add Agents: "swarms_platform/agents/agents_api.md"
 - Query Agents: "swarms_platform/agents/fetch_agents.md"
 - Edit Agents: "swarms_platform/agents/edit_agent.md"
 - Telemetry API:
 - PUT: "swarms_platform/telemetry/index.md"
- # - Tools API:
 - # - Overview: "swarms_platform/tools_api.md"
 - # - Add Tools: "swarms_platform/fetch_tools.md"
- # - Guides:
 - # - Unlocking Efficiency and Cost Savings in Healthcare; How Swarms of LLM Agents Can Revolutionize Medical Operations and Save Millions: "guides/healthcare_blog.md"
 - # - Understanding Agent Evaluation Mechanisms: "guides/agent_evals.md"
 - # - Agent Glossary: "swarms/glossary.md"
 - # - The Ultimate Technical Guide to the Swarms CLI; A Step-by-Step Developers Guide: "swarms/cli/cli_guide.md"

- Prompting Guide:

- The Essence of Enterprise-Grade Prompting: "swarms/prompts/essence.md"

- An Analysis on Prompting Strategies: "swarms/prompts/overview.md"

- Managing Prompts in Production: "swarms/prompts/main.md"

- Community:

- Bounty Program: "corporate/bounty_program.md"

- Contributing:

- Contributing: "swarms/contributing.md"

- Tests: "swarms/framework/test.md"

- Code Cleanliness: "swarms/framework/code_cleanliness.md"

- Philosophy: "swarms/concept/philosophy.md"

- Changelog:

- Swarms 5.6.8: "swarms/changelog/5_6_8.md"

- Swarms 5.8.1: "swarms/changelog/5_8_1.md"

- Swarms 5.9.2: "swarms/changelog/changelog_new.md"

- Corporate:

- Culture: "corporate/culture.md"

- Hiring: "corporate/hiring.md"

- Swarms Goals & Milestone Tracking; A Vision for 2024 and Beyond:

"corporate/2024_2025_goals.md"

- Clusterops:

- Overview: "clusterops/reference.md"