WikiAgents User Guide

Projects

Create a New Projects

1. Navigate to the Projects Section

   ○ Click on Projects in the top menu

2. Create New Project

   ○ Click New Project in the right-side menu.

   ○ Set a project name and description, then click Create.

3. Start the Agentic Project Requirements Wizard

   ○ Go to Metadata/Project Requirements to begin the wizard.

      ▪ Step 1: Review the initial project description. Optionally, assign creative agents to brainstorm about your project. Type /next in the comments.

      ▪ Step 2: The system refines the description and identifies key components. Review, edit, and type /next to proceed.

      ▪ Step 3: The system generates a simple and a detailed project output structure. Review, edit, and type /next simple or /next detailed to continue.

      ▪ Step 4: The system selects agents for the project and creates customized instances of these agents. Review, edit, and type /next.

      ▪ Step 5: The system assigns an agent instance to each page and generates prompts for page generation. Review, edit, and type /next.

      ▪ Generation: Watch the Queue Dashboard and wait until all jobs have finished. You might want to adjust the CONCURRENT_AGENTS variable in the .env file.

      ▪ Review Tape: Verify all details and ensure the project setup aligns with your goals.

4. Review & Enjoy Content

Content & Task Agents

Usage

These agents are automatically selected and customized by the project wizard agent.

Create New Content & Task Agents

Customized Copy of an Existing Agent

1. Navigate to Content & Task Agents

   - Open the Content & Task Agents section in the top menu.

2. Select an Agent to customize

   - Go to the agent's page you want to copy.

   - Copy the content manually by editing the page, or click the Copy button in the right-side menu. You can copy to recently viewed chapters or books.

3. Make Changes

   - Adjust parameters or tools as needed.

   - Save the updated page.

Custom Agent Code

1. Set Up a New Folder

   - Create a folder in the agents/agents path.

2. Implement the Agent Code

   - Subclass WikiAgentBase from agents.base.agent.

   - Ensure content-generating agents implement the generate function.

3. Configure the Agent

   - Use the RedisAgent parameter to access agents' wiki page configuration.

   - Use the WikiContext parameter to access the context about the wiki entity to generate.

4. Create a New Agent Page

   - Set the code path to your WikiAgentBase implementation (JSON format).

   - Set configurable parameters (JSON format).

   - Assign tools by referencing their names (tools must exist in the Tools section).

5. Prepare the Environment

   - Ensure all dependencies are available in the agent execution environment (defined in agents/Dockerfile).

Content Integrity Agent

Usage

Navigate to a page and comment the configured command. E.g. /biasscanner

Create New Content Integrity Agents

1. Navigate to Content Integrity Agents

   - Open the Content Integrity Agents section.

   - Create or copy a page for your new agent.

2. Implement React Methods

   - Integrity Agents are triggered by /-commands (or natural language comments on pages in future versions).

   - Implement the react_to_command and/or react_to_comment methods from WikiAgentBase to handle these inputs.

Creative Feedback Agents

Usage

Navigate to a page and comment the configured command. E.g. /brainstorm

Create New Creative Feedback Agents

1. Navigate to Creative Feedback Agents

   - Open the Creative Feedback Agents section.

   - Create a page with a minimal description of the agent. Must be inside a chapter.

2. Generate and Customize TinyPerson

   - The system will automatically generate a TinyPerson and store a customization dump on the page.

3. Assign to Projects

   - Creative Feedback Agents can be assigned to projects to help with ideation.

Tools

Usage

The project agent automatically assigns tools to agents, however, users can manually set tools on the agent pages.

Create a New Tool

1. Navigate to the Tools Section

    ◦ Create a new page in the Tools section. The page name respresents the tool name.

2. Implement the Tool

    ◦ Add a json section with the tool's code and docstring, or provide a detailed description of its intended functionality. The system will attempt to implement the tool based on the description in future versions of WikiAgents.

3. Prepare the Environment

    ◦ Ensure all dependencies are available in the agent execution environment (defined in agents/Dockerfile).

Knowledge Bases

Usage

Currently, Knowledge Bases are not integrated into the agent workflows. In the future however, agents will have access to an internal retrieval tool, where the knowledge base acts as RAG.

Transcribe documents

1. Create a new Book / Page in the Knowledge Base

2. Attach a file or link to a Page

3. Comment /docling