nocware® Playground – Getting started!

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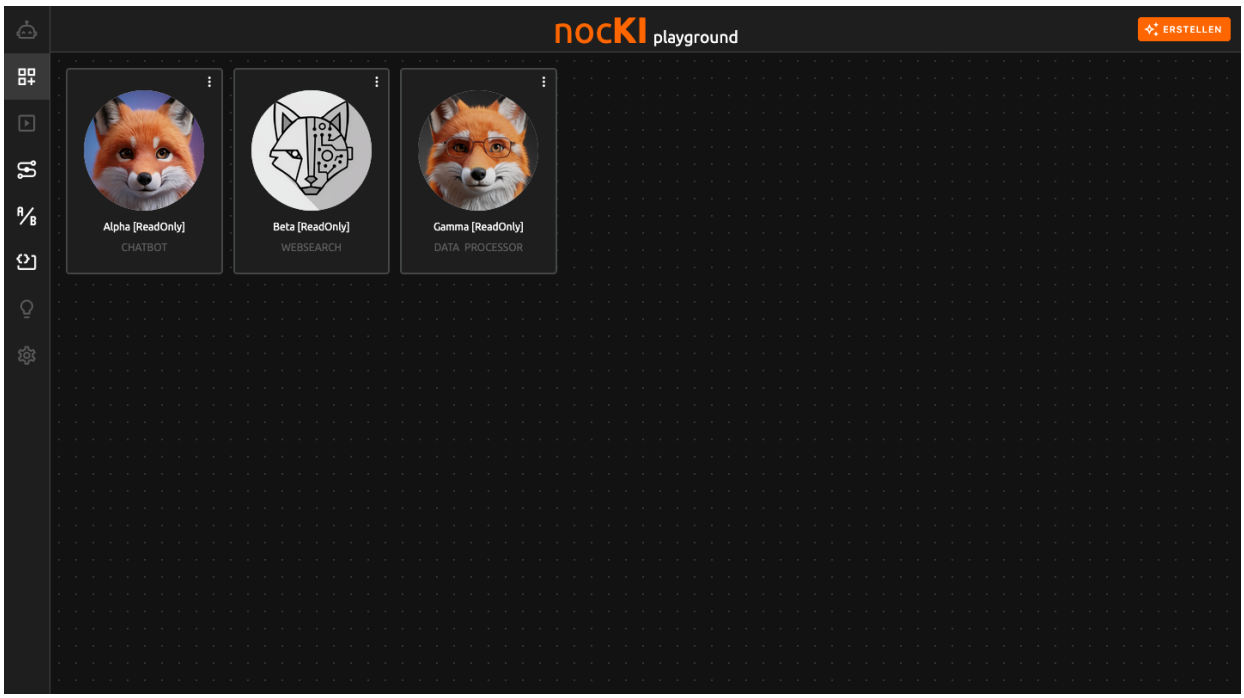
1 Intro

The nocware Playground is designed to make the power and benefits of AI agents accessible to a wide range of users in a simple and intuitive manner. It provides an environment for exploring and testing various scenarios and use cases with AI chatbots, empowering both technically skilled users and those with minimal technical expertise. As a personalized sandbox platform, the Playground enables users to create, customize, and optimize AI agents—referred to as "nocKIs"—for diverse applications. Users can deploy nocKIs, adjust their settings, and save optimized workflows for future use (coming soon).

2 Playground overview

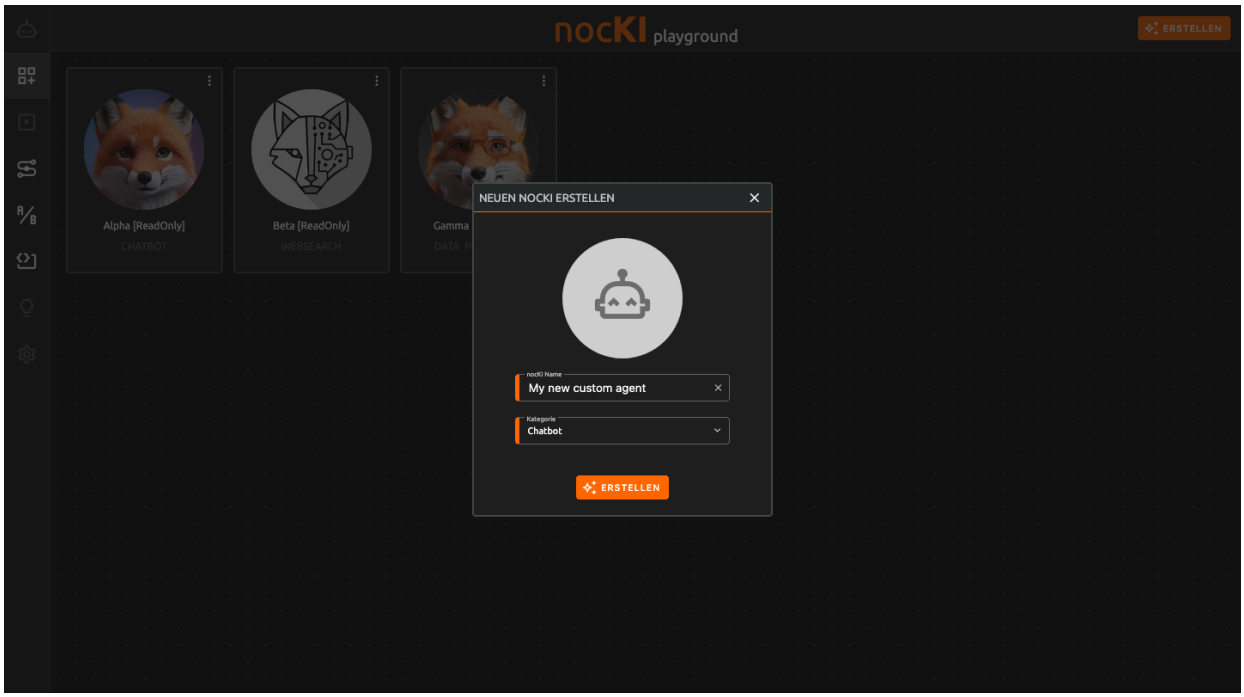
The Playground's Overview page serves as the central hub for managing all available nocKIs, presented in a visually grid-based tile system. Each tile provides key information about the respective nocKI, including its **name**, **avatar**, and **category**, allowing users to quickly identify and access their agents.



The Overview page also includes essential management features:

- **Create New nocKI**: A streamlined process for adding new nocKIs directly from the interface.
- **Delete nocKI**: Easily remove agents no longer in use.
- **View nocKI ID**: Display the unique identifier for each nocKI, enabling integration with external systems or workflows.

3 Create a new nocKI



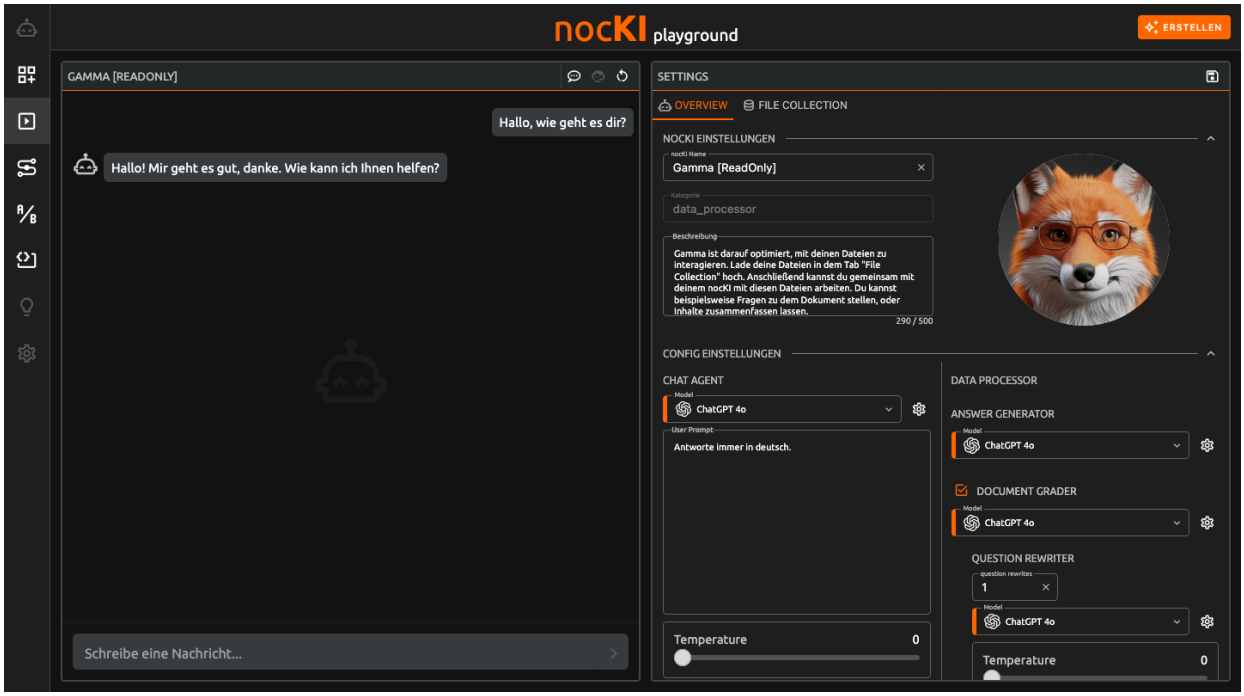
Users can deploy personalized AI agents, referred to as “nocKIs.” Each nocKI is defined by the following attributes:

- **Display Name:** A unique identifier for the agent.
- **Avatar Image**: A visual representation of the nocKI.
- **Short Description**: A brief overview of the nocKI’s purpose.

nocKIs are organized into categories to reflect their intended use.

- **Custom Chatbot**: Tailored conversational agents.
- **Websearcher**: AI-driven search tools.
- **Data Processor**: Tools for analyzing and processing data.

4 nocKI Detail Page



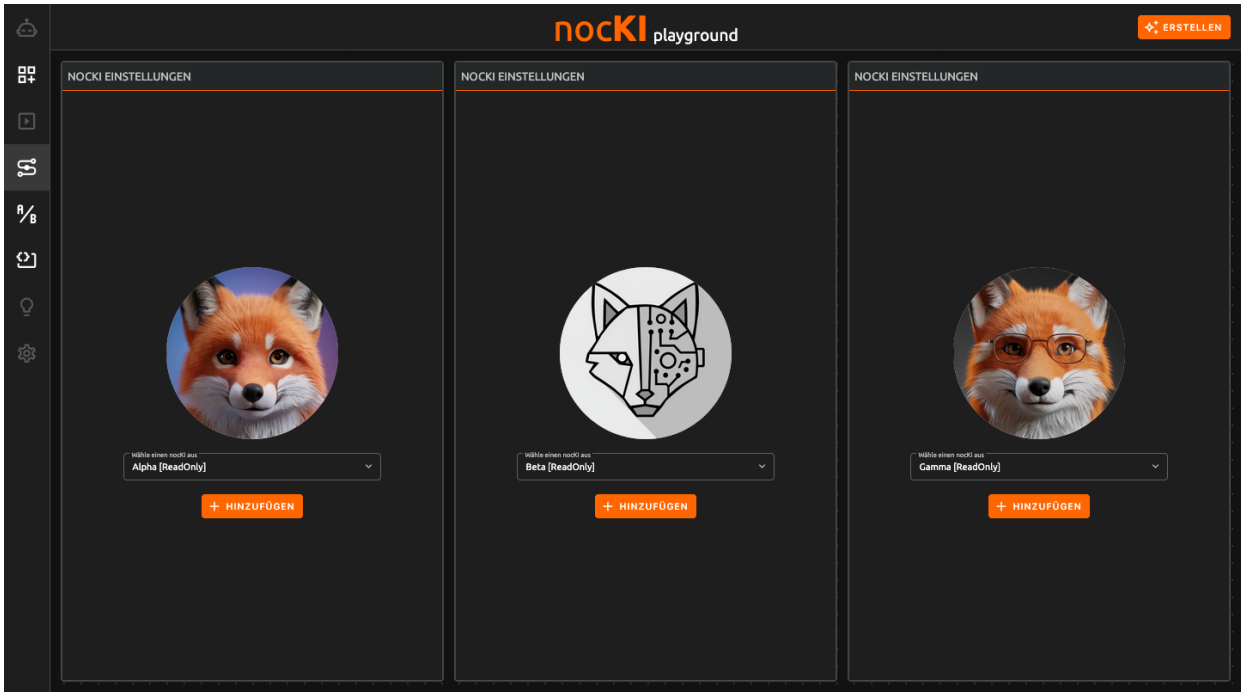
Created nocKIs are displayed on an overview page and can be further customized on a detail page that includes:

- A **chat window** for interacting with the nocKI, supporting text prompts, image uploads, and file uploads.
- A **settings section** for no-code configuration of category-specific options.

Note: User inputs, including chat logs, images, and files, are stored within the Playground environment and processed by the provider for analytical purposes.

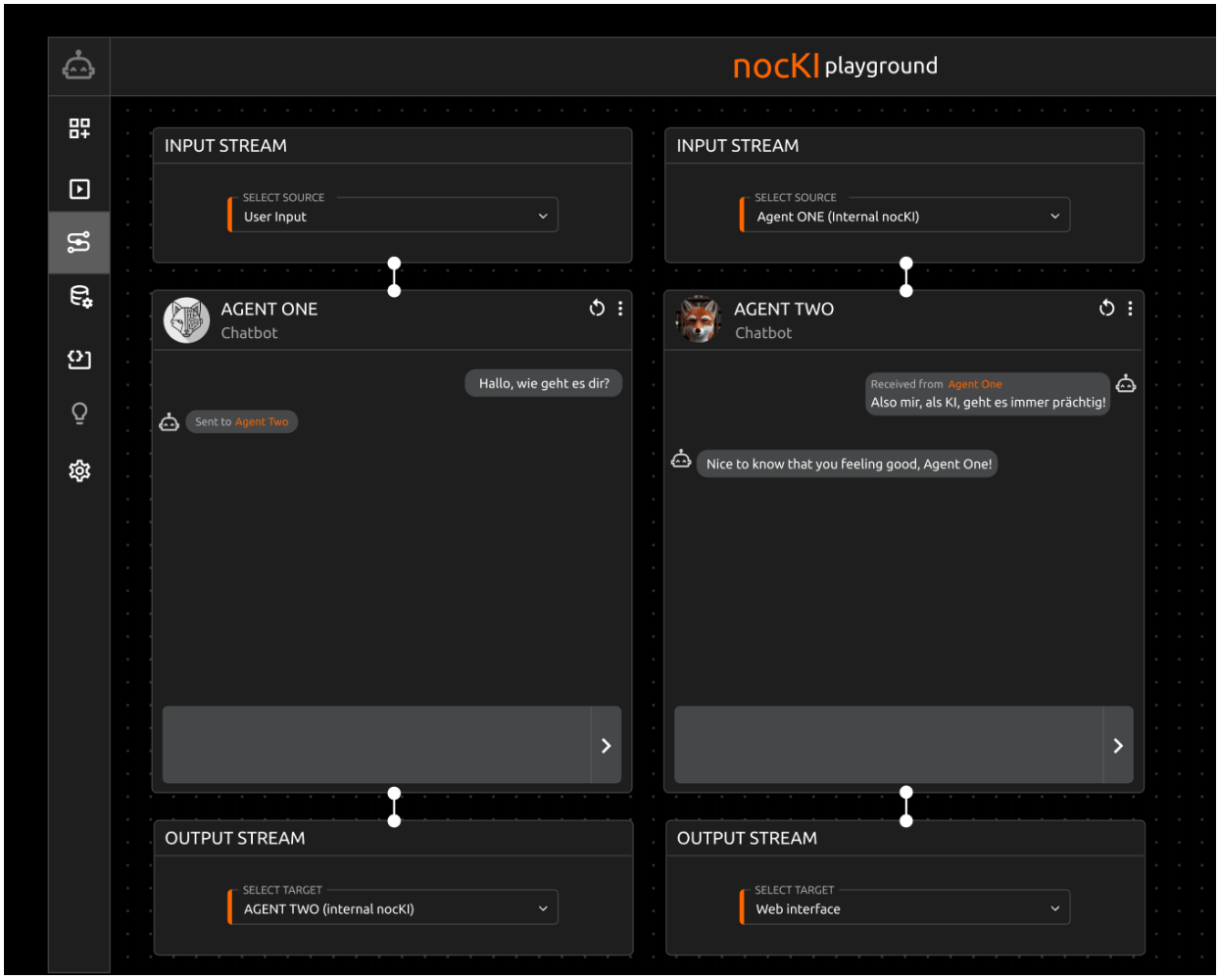
Coming soon: Enhanced guidance, such as pre-configured nocKI templates for specific use cases and example configurations, to streamline the setup process. See more information at nocware.com/playground

5 Pack mode (Multi-Agent-Workflows, coming soon)



The "Pack Mode" feature introduces a unique way to leverage the strengths of multiple nocKIs by organizing them into collaborative workflows within a single interface. This mode allows users to position several pre-configured nocKIs side by side, creating a structured flow where the output from one nocKI is seamlessly transferred to the next for further processing. Since AI agents excel when defined for specific roles, Pack Mode empowers users to build specialized multi-agent workflows tailored to their needs.

Vision Packmode V2:



Enhanced Use Cases

The Pack Mode is ideal for advanced applications such as:

- **Data Processing Pipelines**: Transforming raw inputs into structured outputs through a series of specialized nocKIs.
- **Text Enrichment and Analysis**: Generating detailed insights by combining multiple steps, such as summarization, sentiment analysis, and data visualization.
- **Decision Support Systems**: Refining and validating results through collaborative agent workflows before finalizing recommendations.

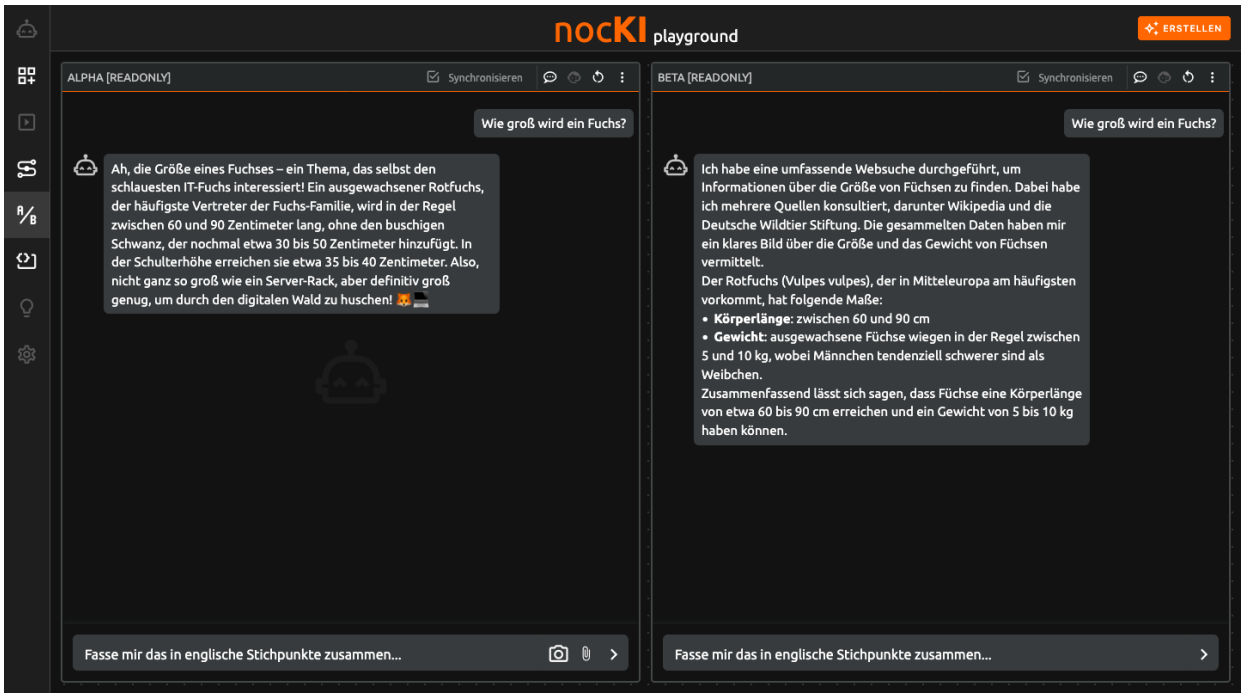
Integration with External Systems

While the current implementation requires users to manually transfer data between nocKIs via copy-paste, the feature is designed with future scalability in mind. Planned updates will include automated workflows that eliminate the need for manual input. Additionally, Pack Mode will support data exchange with external systems such as APIs, databases, or third-party applications, enabling seamless integration into larger operational contexts.

The roadmap for Pack Mode includes the following enhancements:

1. **Automated Workflows**: Enabling nocKIs to communicate directly, transferring data without manual intervention.
2. **Shared and Global Workflows**: Allowing workflows to be shared across user groups and integrated into wider organizational processes.
3. **Advanced Integration Options**: Incorporating tools like APIs and external data pipelines to expand the functionality of Pack Mode beyond the nocware Playground.

6 A/B Split Testing



The "A/B Split Tests" feature is designed to facilitate side-by-side comparisons of two nocKIs, enabling users to evaluate and refine their performance under identical conditions. By synchronizing the user input across

both nocKIs, this feature provides a controlled environment to observe and analyze how different configurations or models respond to the same prompts.

This capability is particularly useful for comparing variations in chatbot behavior, such as:

- Testing the impact of different **LLMs** (e.g., GPT vs. Claude).
- Evaluating how changes to the **System Prompt** influence responses.
- Measuring the effect of adjustments to parameters like **Temperature** or **User Prompt**.

How It Works

In the A/B Split Test interface, two nocKIs are displayed side by side. When the user enters an input, the system automatically synchronizes the query, sending it to both agents simultaneously. Their responses are then displayed in parallel, allowing users to compare the outputs in real-time.

This functionality ensures that all variables other than the specific differences between the two nocKIs remain constant, creating a reliable framework for identifying which agent performs better for a given use case. Whether testing creative writing capabilities, factual accuracy, or role-based interactions, A/B Split Tests offer valuable insights into optimizing chatbot configurations.

Key Benefits

- **Data-Driven Decision-Making**: By observing responses side by side, users can make informed choices about the optimal settings, prompts, or models for their needs.
- **Performance Tuning**: The feature allows users to fine-tune nocKIs iteratively by testing and refining one parameter at a time.
- **Enhanced Workflow Optimization**: Results from A/B tests can inform broader workflows, ensuring the most effective agents are integrated into larger processes.