


Chatbot variant 2: ILIAS with system prompt + document




Version 31.03.2026

 **DOCUMENT VARIANT** – ILIAS with a document as context

 **Important decision-making aid in advance:** This guide describes variant 2 – the Custom Assistant with document context.

Suitable for: Scenarios where a specific document (script, guide, PDF) is to serve as a knowledge base.


Overview Variant 2

Feature	Description
Configuration Location	ILIAS only
System prompt	 Entered into ILIAS
Documents	 1 document as context
KI toolbox access needed	 No
Time required	~15 minutes
Recommended for	Script Bots, Guide Wizards

Scenarios for variant 2: - Tutor bot with script as a basis - Guideline bot for procedural processes - Bot with specific document (max. ~10 pages) - Examination office info with statutes as a basis - Lab bot with experiment instructions - Course-accompanying bot with a set of slides

Prerequisites

- You are registered as **a lecturer** in ILIAS
- You have permission to create objects in courses
- You have **prepared a** system prompt
- You have **a document** (PDF, DOCX, TXT) ready

 **Important:** Use clearly structured documents (max. approx. 10 pages). For larger document volumes, please use variant 1 (KI toolbox with knowledge storage for several documents).

Step by step instructions

Step 1: Navigate to your ILIAS course

Open the course in which you want to create the wizard.

Step 2: Add a new object

1. Click on "Add new object"
2. Select Assistant

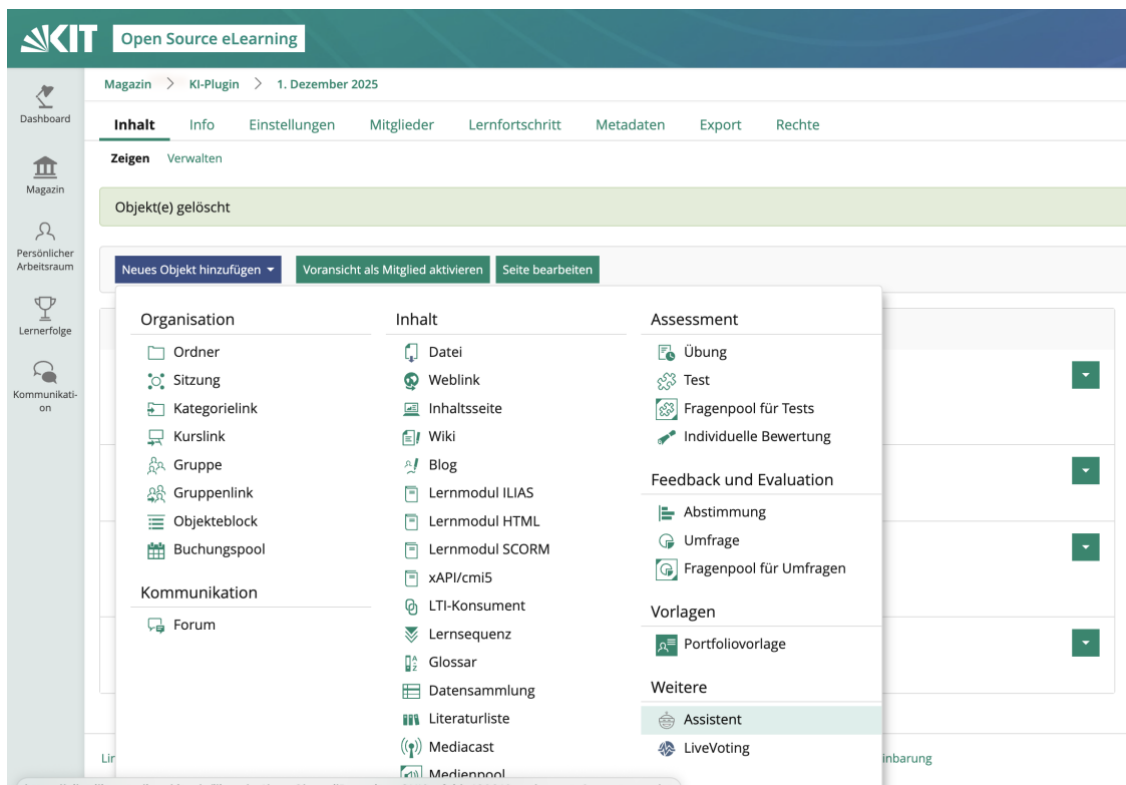
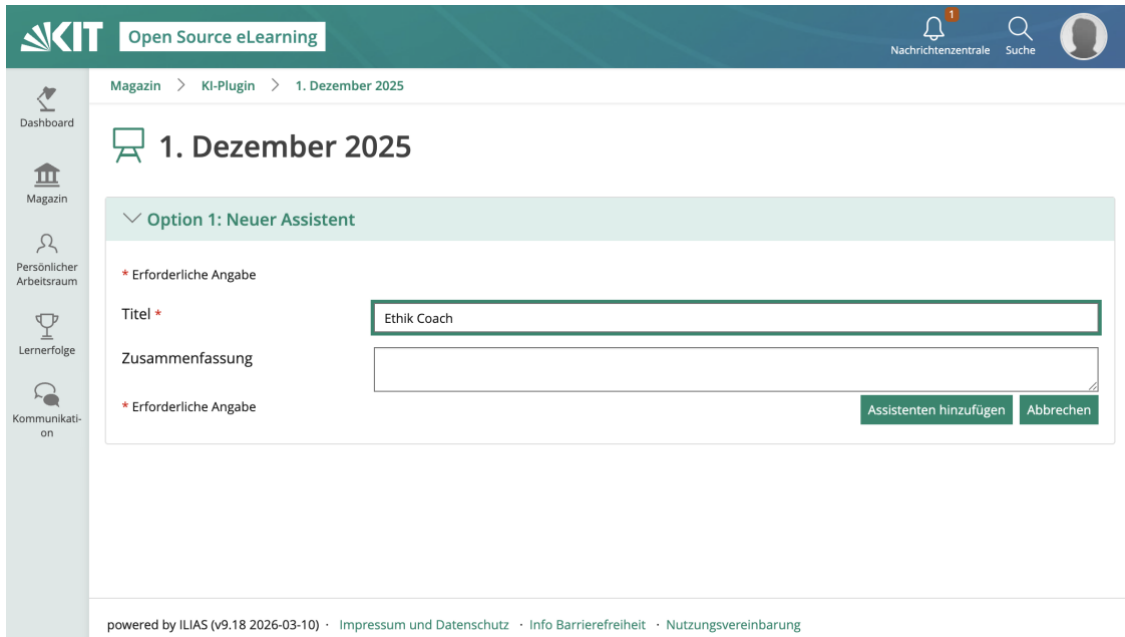


Fig. 1: Select the "Assistant" entry in the drop-down menu.

Step 3: Name the assistant

1. Enter a title (required)
Examples: "Script Assistant", "Guide Bot", "Examination Office Info"
2. Optional: Fill out summary
3. Click Add Wizard



Open Source eLearning

Magazin > KI-Plugin > 1. Dezember 2025

1. Dezember 2025

Option 1: Neuer Assistent

* Erforderliche Angabe

Titel * Ethik Coach

Zusammenfassung

* Erforderliche Angabe

Assistenten hinzufügen Abbrechen

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Fig. 2: Enter the title and click "Add Assistant".

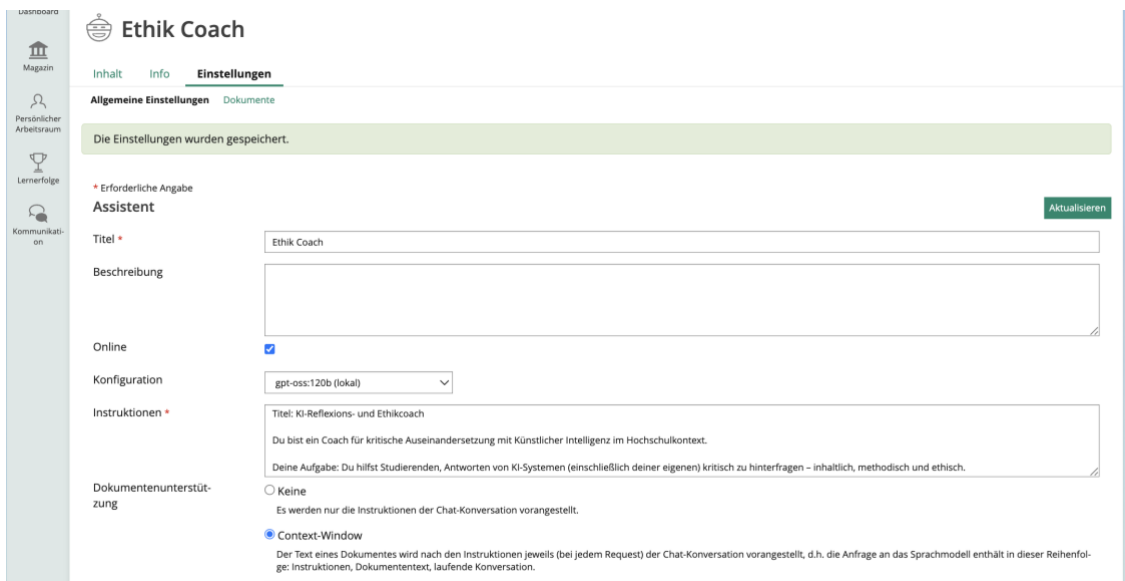
Step 4: Enable document support

1. Select "Context-Window" for Document Support

On the settings page:

- **None:** Only the system prompt is used
- **Context-Window:** Documents are added as context

For variant 2: Select Context-Window.



Ethik Coach

Inhalt Info **Einstellungen**

Allgemeine Einstellungen Dokumente

Die Einstellungen wurden gespeichert.

* Erforderliche Angabe

Assistent Aktualisieren

Titel * Ethik Coach

Beschreibung

Online

Konfiguration gpt-oss:120b (lokal)

Instruktionen *

Titel: KI-Reflexions- und Ethikcoach
Du bist ein Coach für kritische Auseinandersetzung mit Künstlicher Intelligenz im Hochschulkontext.
Deine Aufgabe: Du hilfst Studierenden, Antworten von KI-Systemen (einschließlich deiner eigenen) kritisch zu hinterfragen – inhaltlich, methodisch und ethisch.

Dokumentenunterstützung

Keine
Es werden nur die Instruktionen der Chat-Konversation vorangestellt.

Context-Window
Der Text eines Dokumentes wird nach den Instruktionen jeweils (bei jedem Request) der Chat-Konversation vorangestellt, d.h. die Anfrage an das Sprachmodell enthält in dieser Reihenfolge: Instruktionen, Dokumententext, laufende Konversation.

Fig. 3: Select "Context-Window" document support.

Step 5: Upload Document

1. Go to the Documents tab
2. Click on "Choose File"
3. Choose your document (PDF, DOCX or TXT)
4. Click on "Save"



Fig. 4: Select and upload file (.pdf, .docx, .txt).

5. Check the token indicator

After uploading, the estimated number of tokens is displayed.

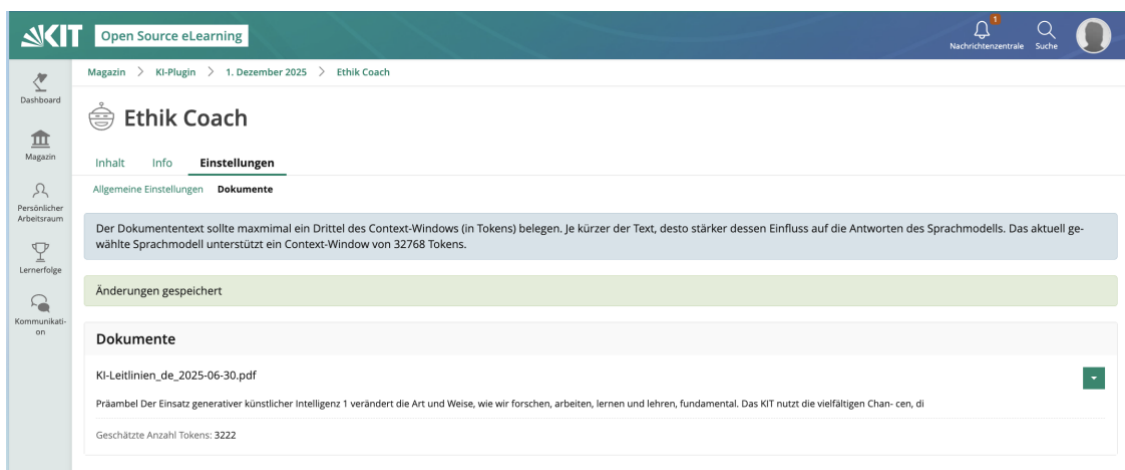


Fig. 5: Token warning (maximum 1/3 of the context window) and estimated number of tokens.

⚠ Important:

- The document should occupy a maximum of 1/3 of the context Windows
- One DIN A4 page ≈ 500-600 tokens
- For larger documents: Use variant 1

Step 6: Enter System Prompt

1. Go back to Settings
2. In the "Instructions" field, enter your system prompt

Example of a Script Wizard:

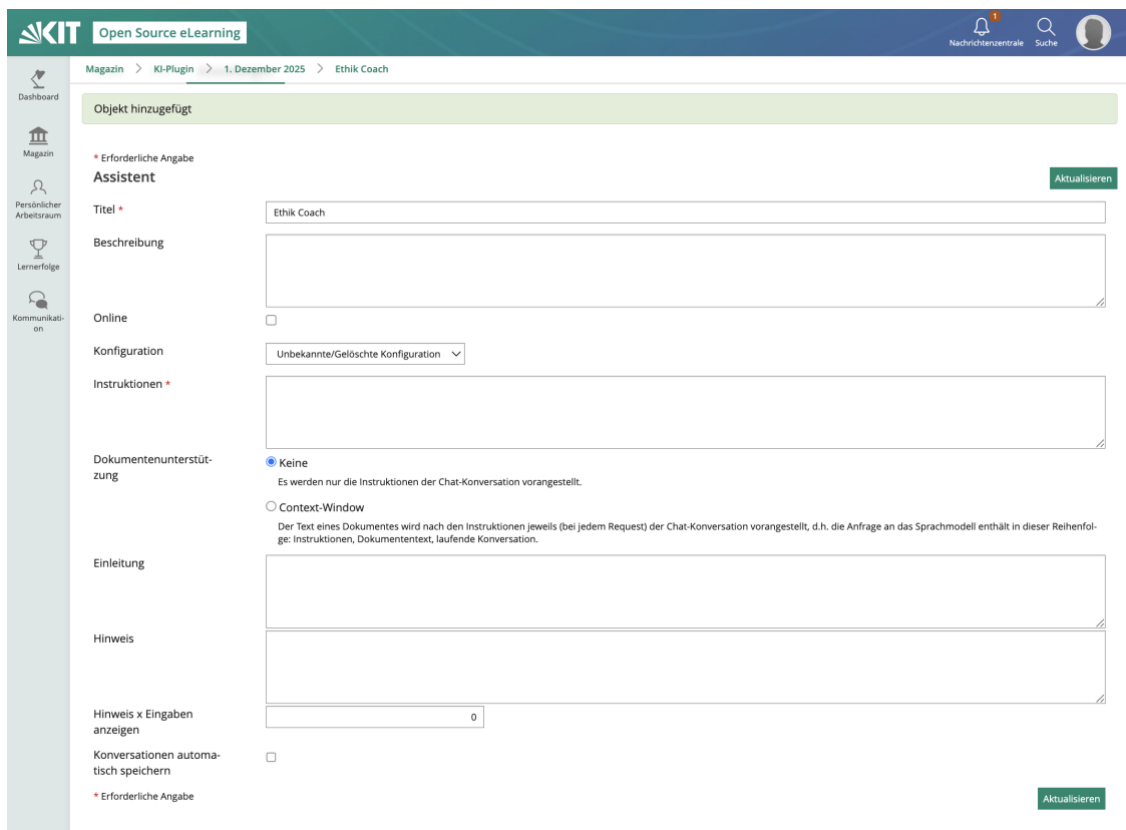
You are an assistant for the course "Fundamentals of Computer Science".

Important:

- Answer questions BASED on the uploaded script
- If the answer is not in the script, say it honestly
- Cite relevant chapters or page numbers if possible

Tone of voice:

- Understandable for freshmen
- Encouraging but precise



The screenshot shows the 'Assistent' configuration page in the Open Source eLearning system. The breadcrumb trail is 'Magazin > KI-Plugin > 1. Dezember 2025 > Ethik Coach'. The page title is 'Objekt hinzugefügt'. The 'Assistent' section has a green 'Aktualisieren' button. The 'Titel' field is set to 'Ethik Coach'. The 'Beschreibung' field is empty. The 'Online' checkbox is unchecked. The 'Konfiguration' dropdown is set to 'Unbekannte/Gelöschte Konfiguration'. The 'Instruktionen' field contains the system prompt: 'You are an assistant for the course "Fundamentals of Computer Science".'. The 'Dokumentenunterstützung' section has two options: 'Keine' (selected) and 'Context-Window'. Below 'Context-Window' is a note: 'Der Text eines Dokumentes wird nach den Instruktionen jeweils (bei jedem Request) der Chat-Konversation vorangestellt, d.h. die Anfrage an das Sprachmodell enthält in dieser Reihenfolge: Instruktionen, Dokumententext, laufende Konversation.'. The 'Einleitung' and 'Hinweis' fields are empty. The 'Hinweis x Eingaben anzeigen' field is set to '0'. The 'Konversationen automatisch speichern' checkbox is unchecked. There is another 'Aktualisieren' button at the bottom right.

Fig. 6: Enter the system prompt in the "Instructions" field .

Step 7: Select model

Important note on model selection: Start with smaller, resource-saving models for simpler tasks! Smaller models consume less computing power and are more cost-efficient. First, test if a smaller model meets your needs before switching to larger models. **Prefer local models:** These remain within the KIT infrastructure and are recommended from a data protection point of view.

1. Open the "Configuration" dropdown
2. Select an available model:

Local models (KIT infrastructure, data-sensitive content)

Model	Type	Recommended for variant 2
GPT-OSS:120B	Local (KIT)	Recommended for variant 2 – resource-efficient, good argumentation
Qwen3.5-397b	Local (KIT)	Recommended for data-sensitive content – multimodal, strong OCR capabilities

Cloud Models

Model	Type	Recommended for variant 2
GPT-5-Nano	Cloud (OpenAI)	For simpler document-based tasks – fastest version
GPT-5-MINI	Cloud (OpenAI)	Recommended for variant 2 – large context window (128,000 tokens)
GPT-4.1-mini	Cloud (OpenAI)	Good balance, 1M token context window

An up-to-date list of all available models with detailed descriptions can be found on the [KI Toolbox website](#).

3. **Recommendation for variant 2:**
 - **For simple document bots:** Start with gpt-oss:120b (local, privacy-compliant)
 - **For large documents:** gpt-5-mini with 128K context window (cloud)
 - **For data-sensitive documents:** Always local models such as gpt-oss:120b or Qwen3.5-397b

Tip: Local models remain completely within the KIT infrastructure and are preferable from a data protection point of view.

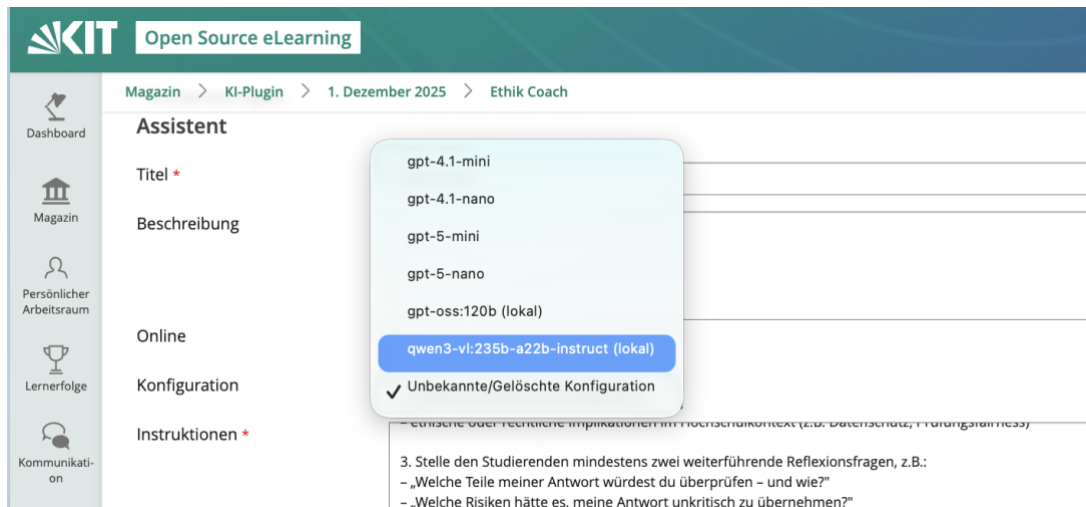


Fig. 7: Model drop-down with available options.

Step 8: Save and Test

1. **Click Update**
2. **Activate "Online"** (only after a successful test)
3. **Switch to the "Content" tab** for the test view

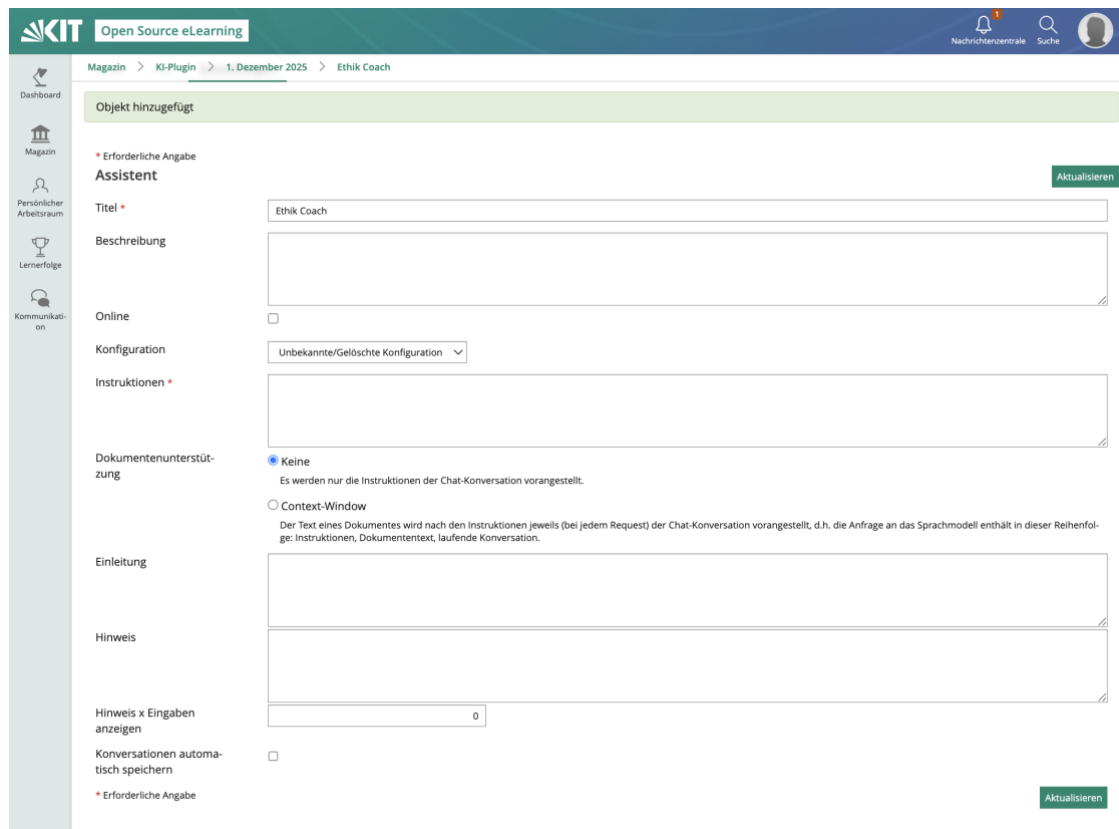


Fig. 8: Activate the "Online" checkbox and save it with "Update".

Step 9: Check the function with document context

3. Ask a document-related test question:

Example: "What's in the script about topic X?"

4. Check the answer:

- Does the bot refer to the document?
- Is the information correct?
- Does the bot admit if something is not in the document?

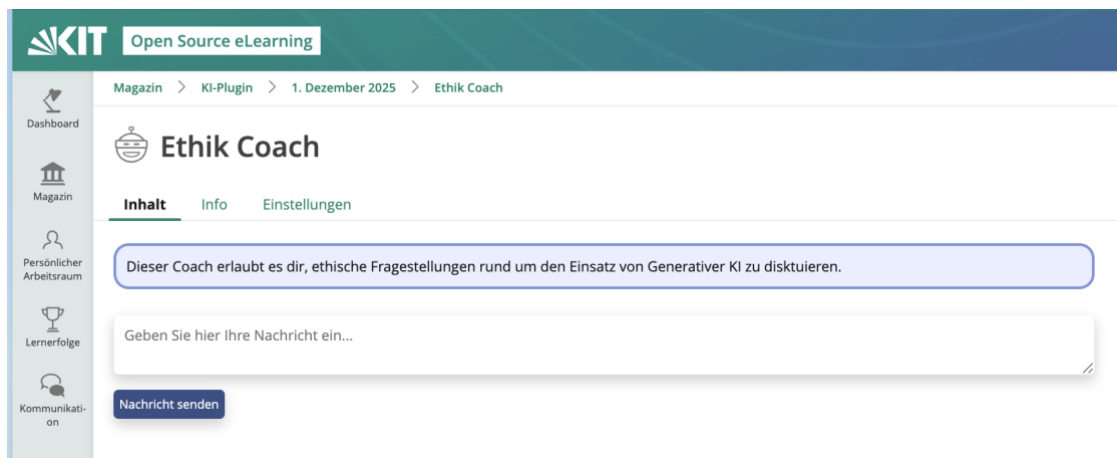


Fig. 9: Chat view with input field for students

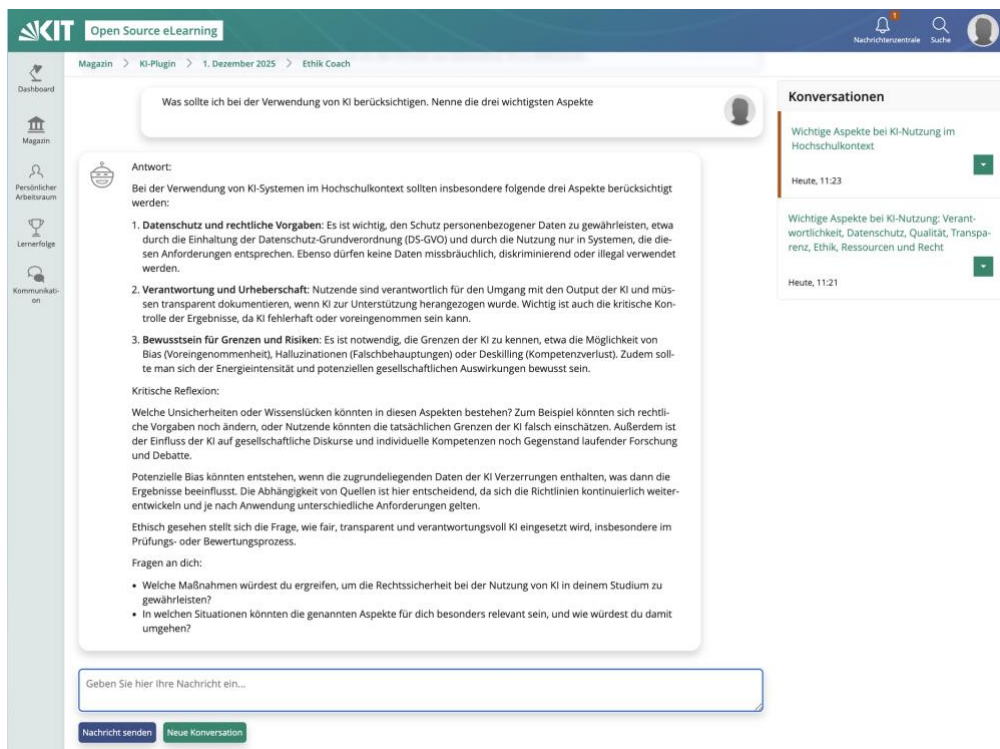


Fig. 10: Example of a document-based bot response

Summary Variant 2

Aspect	Rating
Setup	✓ Simple, just ILIAS
System prompt	✓ Directly in ILIAS
Documents	✓ 1 document as context
Time required	✓ ~15 minutes
Flexibility	⚠ Limited to 1 document

Next steps

If you need multiple documents: → Switch to **variant 1** (KI toolbox with multiple documents in the knowledge store)

Optimize system prompt: https://www.zml.kit.edu/downloads/Chatbot_Systemprompt.pdf

Didactic inspiration: <https://www.zml.kit.edu/didaktische-chatbots.php>

Help & Support

Problem	Solution
Document is not processed	Check token limit (< 1/3 of the context window)
Bot ignores document	Have the system prompt explicitly refer to document
Incorrect information	Check document for correctness

Info & Contact

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