

SimSage AI settings

You can set up an OpenAI or a Google Gemini Large Language models (LLMs) in SimSage. This is to aid Retrieval Augmented Generation (RAG) as supported by SimSage.

This document discusses the settings in the admin UX for enabling this feature. A *token* in the context below is anything SimSage considers to be a separate token. This includes spaces, words, punctuation items, and entities like credit cards etc. Each of such items is considered a distinct token in SimSage.

Navigate to “AI set up” in “the Mind” section for a given knowledge-base.

None

Select “none” to disable the use of AI and large language models (default).

Overview

User Management

demo knowledge-base

Document Management

The Mind

AI set up

Synonyms

Semantics

Synsets

Large Language Model (LLM)

☒ none

☐ OpenAI

☐ Google Gemini

Save

Open AI settings

Overview

User Management

demo knowledge-base

Document Management

The Mind

AI set up

Synonyms

Semantics

Synsets

Large Language Model (LLM)

☐ none

☒ OpenAI

☐ Google Gemini

OpenAI key *

OpenAI model

document Q&A token count

document summarization token count

search box question answering, the number of results to pass to the LLM

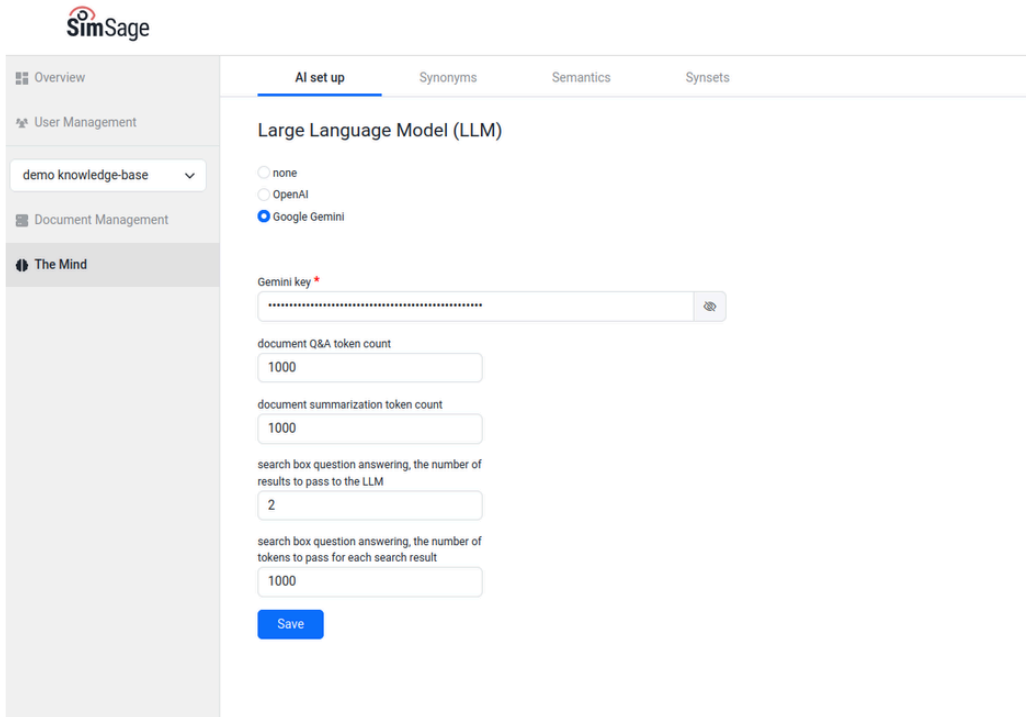
search box question answering, the number of tokens to pass for each search result

Save

Open AI specific settings are

setting	description
OpenAI key	your API key from OpenAI
OpenAI model	the OpenAI model to use for inference

Google Gemini settings



The screenshot shows the SimSage web interface. On the left is a sidebar with navigation links: Overview, User Management, demo knowledge-base (selected), Document Management, and The Mind. The main content area is titled 'AI set up' and contains a 'Large Language Model (LLM)' section. In this section, 'Google Gemini' is selected with a radio button. Below this, there is a 'Gemini key' field with a red asterisk and a masked input box. Further down are four input fields for token counts: 'document Q&A token count' (1000), 'document summarization token count' (1000), 'search box question answering, the number of results to pass to the LLM' (2), and 'search box question answering, the number of tokens to pass for each search result' (1000). A blue 'Save' button is at the bottom of the form.

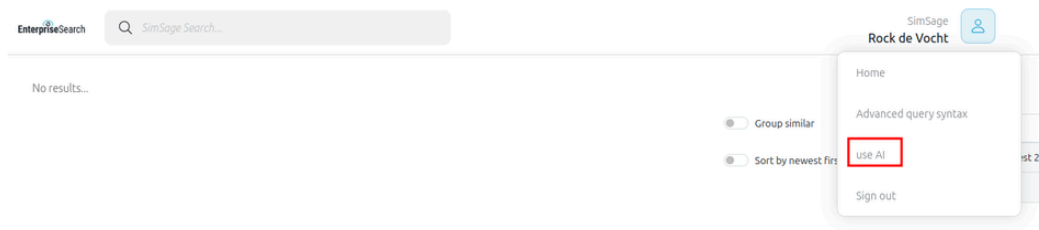
setting	description
Gemini key	your Google Gemini API key

SimSage shared settings

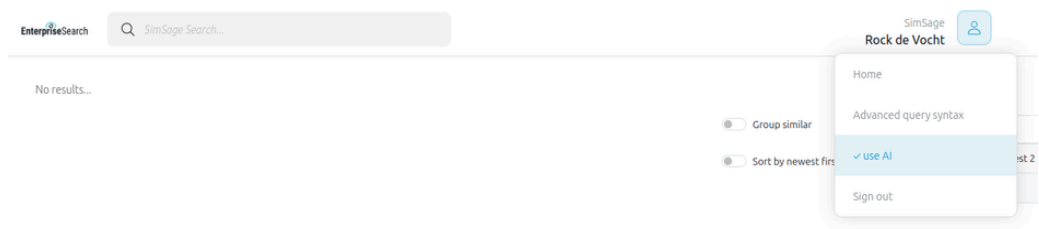
setting	description
document Q&A token count	the number of tokens passed, starting at the beginning of a document for a user asking questions interactively of a document.
document summarization token count	the number of tokens passed, starting at the beginning of a document for document summarization.
search box question answering, the number of results to pass to the LLM	Used for question answering while searching. This is the number of results to pass to the LLM, starting with the top result.
search box question answering, the number of tokens to pass for each search result	The number of tokens to pass for each search result found, starting at the sentence of each successful search.

Search UX

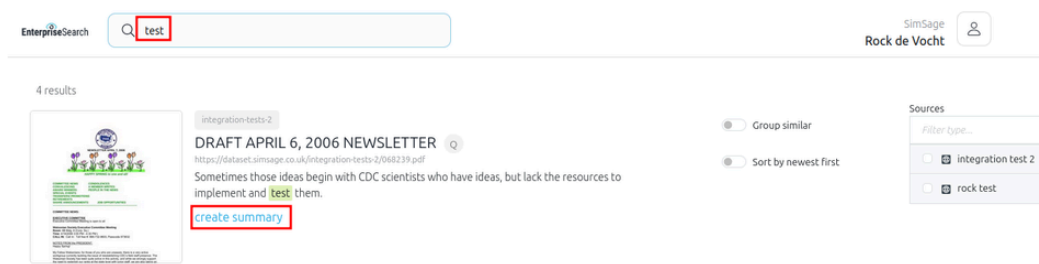
The default SimSage search interface will have extra features once a valid AI set up is set. An additional “use AI” is available (this value can be set to be checked by default by SimSage).



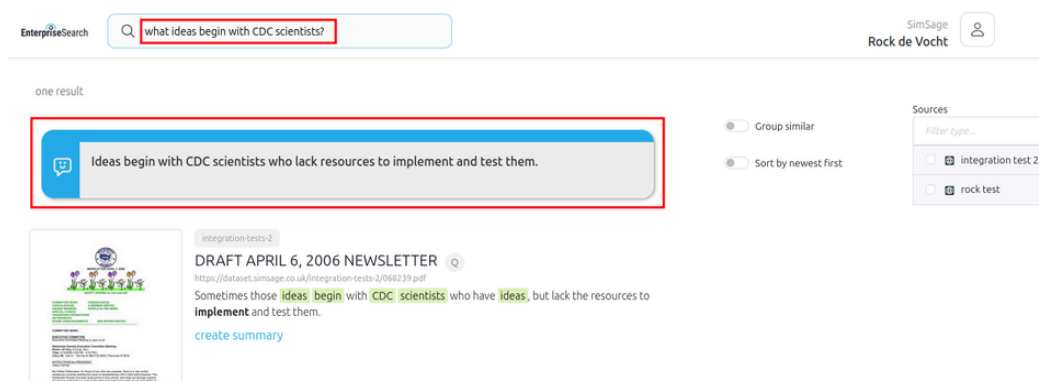
Make sure this value is “selected” by clicking on it.



Once selected, SimSage will automatically use the connected AI for question answering if possible (SimSage will detect if you are actually asking a question or are just using keywords).



A user searches for “test” - this is a single keyword and cannot be phrased as a question, so the search box question answer system is not used. However, once a user enters a proper query, this changes. Note the “create summary” button. This button is part of the SimSage AI system and provides a short summary for the given document.



The search query “what ideas begin with CDC scientists?” does look like a question. This activates SimSage’s search box query answer system and responds accordingly.

EnterpriseSearch


test

SimSage
Rock de Vocht

4 results




integration-tests-2

DRAFT APRIL 6, 2006 NEWSLETTER 


<https://dataset.simsage.co.uk/integration-tests-2/068239.pdf>

Sometimes those ideas begin with CDC scientists who have ideas, but lack the resources to implement and **test** them.

[create summary](#)



integration-tests-2

1902.09243 

<https://dataset.simsage.co.uk/integration-tests-2/1902.09243.pdf>

Lmodel = Ldec + Lrefine (15) At **test** time, each time step we choose the predicted word.

[create summary](#)

Group similar

Sort by newest first

Sources

Filter type...

☐ integration test 2

☐ rock test


Select the “Q” icon after each search result to enter document Question and Answering mode for that specific document.

EnterpriseSearch


test

SimSage
Rock de Vocht

4 results




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Lmodel = Ldec + Lrefine (15) At **test** time, each time step we choose

[create summary](#)



integration-tests-2

Safety Seats 

https://dataset.simsage.co.uk/integration-tests-2/safety_seats.txt

Test the child seat to ensure less than 1" of movement by pulling the the front of the car.

[create summary](#)

Document Questions

Please ask me any question about "DRAFT APRIL 6, 2006 NEWSLETTER" (<https://dataset.simsage.co.uk/integration-tests-2/068239.pdf>)

what is this document all about?

The document is a newsletter providing updates on committee news, award winners, people in the news, special events, transfers/promotions, retirements, job opportunities, and a message from the president regarding the reestablishment of CDC's field staff presence and support for current field staff.

what people are talked about in this document?

We can now start a conversation with this document as shown above.