



SeaTable Status Update

AI-Powered File / Knowledge Management

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Short historical overview

How do we search for information?







Web

Images

Groups

Directory

- [Advanced Search](#)
- [Preferences](#)
- [Language Tools](#)

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OpenAI

Introducing ChatGPT

ChatGPT: Optimizing Language Models for Dialogue

We've trained a model called ChatGPT which generates conversational text. The dialogue turns make it possible for GPT to answer follow-up questions about what it says. If we're incorrect, prompt us to fix our mistakes. We've also created a sibling model to handle more complex tasks.

**What a groundbreaking revolution in
how we access knowledge!**

**But there is one
problem!**

**These search evolution happened only
for public knowledge!**

So, some clever guys tried to use AI with their secret data, but it didn't quite work out as planned. Samsung employees ended up leaking their secret trade data to ChatGPT. It was a bad idea, and it highlights the risks of using AI tools with sensitive information.



Home > Tech

Whoops, Samsung workers accidentally leaked trade secrets via ChatGPT

ChatGPT doesn't keep secrets.

By [Cecily Mauran](#) on April 6, 2023



The most important question

**Can't we use AI to interact with private
data?!?**

**Let's interact with our
private data via AI!**

Potential Use Cases

Differences between base and app?

Medical Practice

- What medications has Patient X received so far?
- What other treatments might help?

University

- Where are there overlaps or synergies between different research projects?

Software Company

- What help articles do we need to avoid the most common support requests?

The setup

Self-hosted n8n AI Starter Kit from Q including:

- n8n (workflow automation)
- Ollama (LLM platform)
- Qdrant (vector store)

My Workflow

Data Ingestion / Indexing

- Read and preprocess documents
- Convert content to embeddings
- Store in Qdrant

Retrieval-Augmented Generation (RAG)

- Retrieve relevant context
- Augment chatbot's knowledge
- Generate informed responses

Live-Demo

Short Recap

- Creation of a private, personal knowledge base
- Using AI power to interact with this knowledge
- 100% private, running locally

Challenges

- Data Privacy: Keeping everything local
- Accuracy: Careful curation of knowledge base
- Scalability: Efficient indexing and retrieval
- Madness: Prevent AI to invent new content

My prediction of the near future

- Companies will build local AI-powered knowledge management systems.
- AI will index and process local knowledge from files.
- Employees will interact via chatbots.
- This enhances access to company-specific information.
- It represents a significant shift in knowledge management.

AI-powered file / knowledge management

Interested in this presentation?



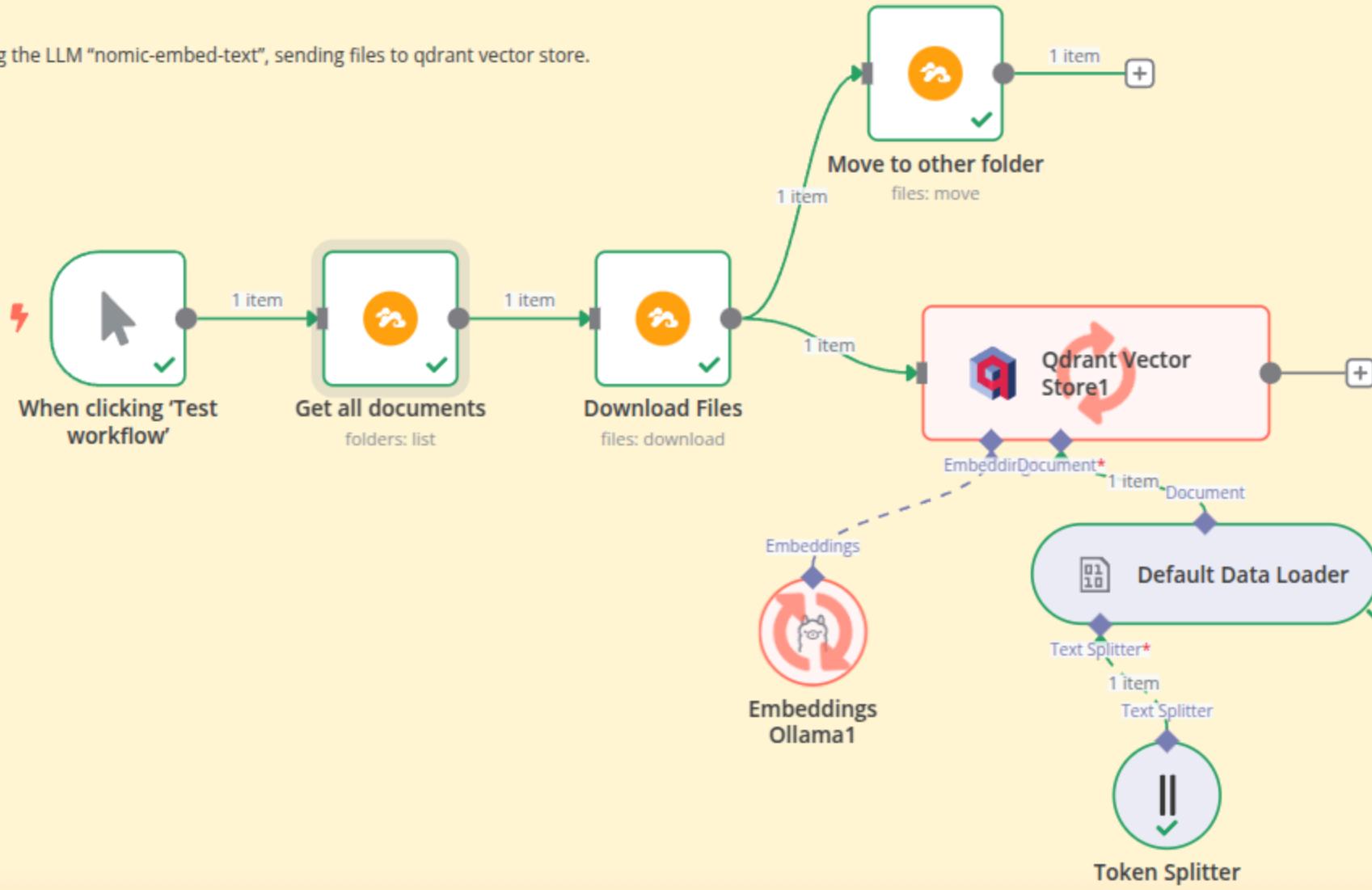
- online: <https://christophdb.github.io/ai-powered-file-management/.>
- pdf: <https://github.com/christophdb/ai-powered-file-management/blob/main/Slides.pdf>

AI-powered file / knowledge management

Backup Slides

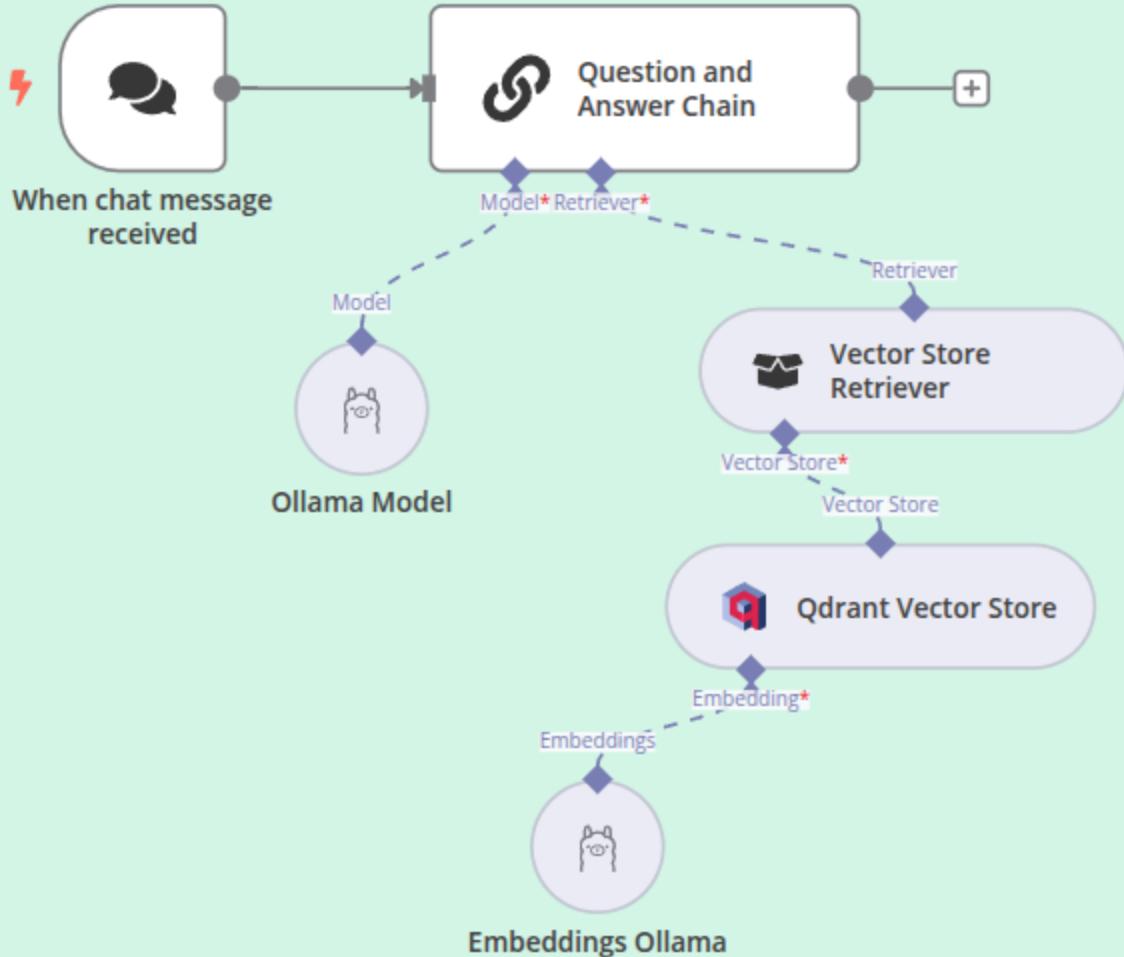
Save files into vector store

using the LLM "nomic-embed-text", sending files to qdrant vector store.



Interact with your data stored in the vector store

using LLM llama3.2:1b



Answer of chatbot without information

no guessing, no invention of content. GREAT!

Chat Session 21461e12dd4443418abcbf59f4be8289

Which plugins does exist for SeaTable?

I don't know.

Answer of the chatbot after providing some information

Chat

Session 21461e12dd4443418abcbf59f4be8289

Which plugins does exist for SeaTable?

According to the text, here are some plugins that exist for SeaTable:

1. Timeline-Plugin
2. Galerie-Plugin (for storing images and displaying them as titles)
3. Karten-Plugin (for visualizing locations on a map)