

sd Open Chat

:Backend API

Ollama Server

FalkorDB Server

opt [PDF Attachments]

POST **/pdf-to-text**

text := pdf_to_text(req.file)

Response(text) [200]

POST **/ollama/api/chat**

opt ["websearch: true"
in Headers]

web_results :=
web_search() via DDGS

1. Search pages for URL & description
2. Scrape URLs manually
3. Append results to prompt

Proxy to **/api/chat**

Stream Chunk 1

Stream Chunk 1

...

...

Stream Chunk N

Stream Chunk N

Stream End [200]

Stream End

sd Chat Persistence

PUT **/append-chat-history**

Validate message as JSON

FalkorDBChatHistory

.append_message(req.chat_id, req.new_message)

1. Get Chat node by ID
2. Get "content" property
3. Concatenate to content as string
4. Update "content" property

Empty Response [200]

Empty Response