



Knowledge-Enhanced Nüshu Agent Pipeline



Client

Question eg: "What is the pronunciation of the Nüshu character /?"

Answer eg: "The Nüshu character / has the ID 0 and corresponds to the Chinese character 一, meaning \"one.\" Its pronunciation is i5."



Streamlit Front-End

Retrieve Knowledge



Knowledge Graph Database

RAG

Retrieval Augmented Generation



Fine Tuned Nüshu Agent Model

Provide Context



Reference Model:
GPT4o mini

Generate Question
&
Parse Answer



Raw Dataset:
Based on Open Source
Nüshu Github Repo

Construction



Json Format Dataset
for Fine Tuning

LORA Fine Tune



Base Model:
Deepseek R1 1.5B