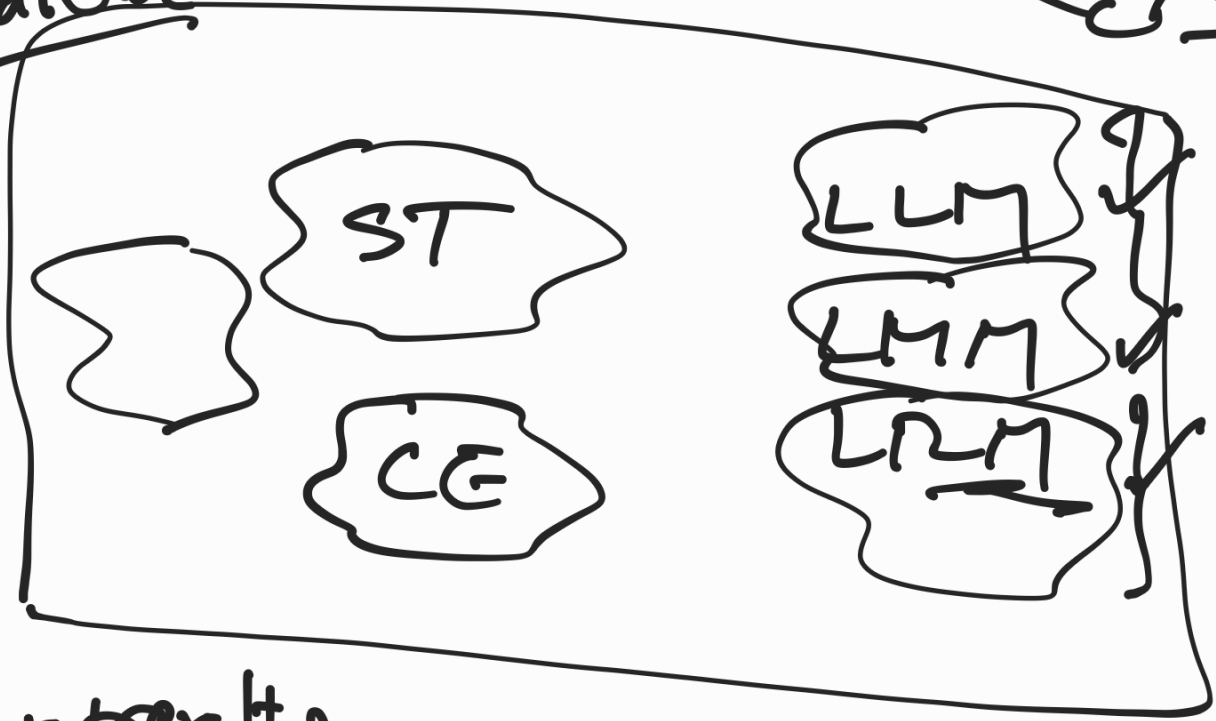


→ to be able to

→ deep learning



Available



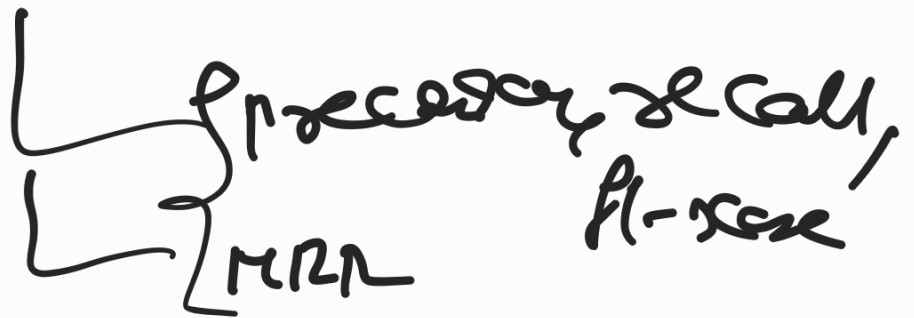
Strengths

- natural language understanding
- natural language generation
- technique 
 → hybrid  
 structured response

Limitations

- lack of real time knowledge
- memory
- reasoning/planning
- ⋮

# Semantic Search Metrics



## Important subtasks

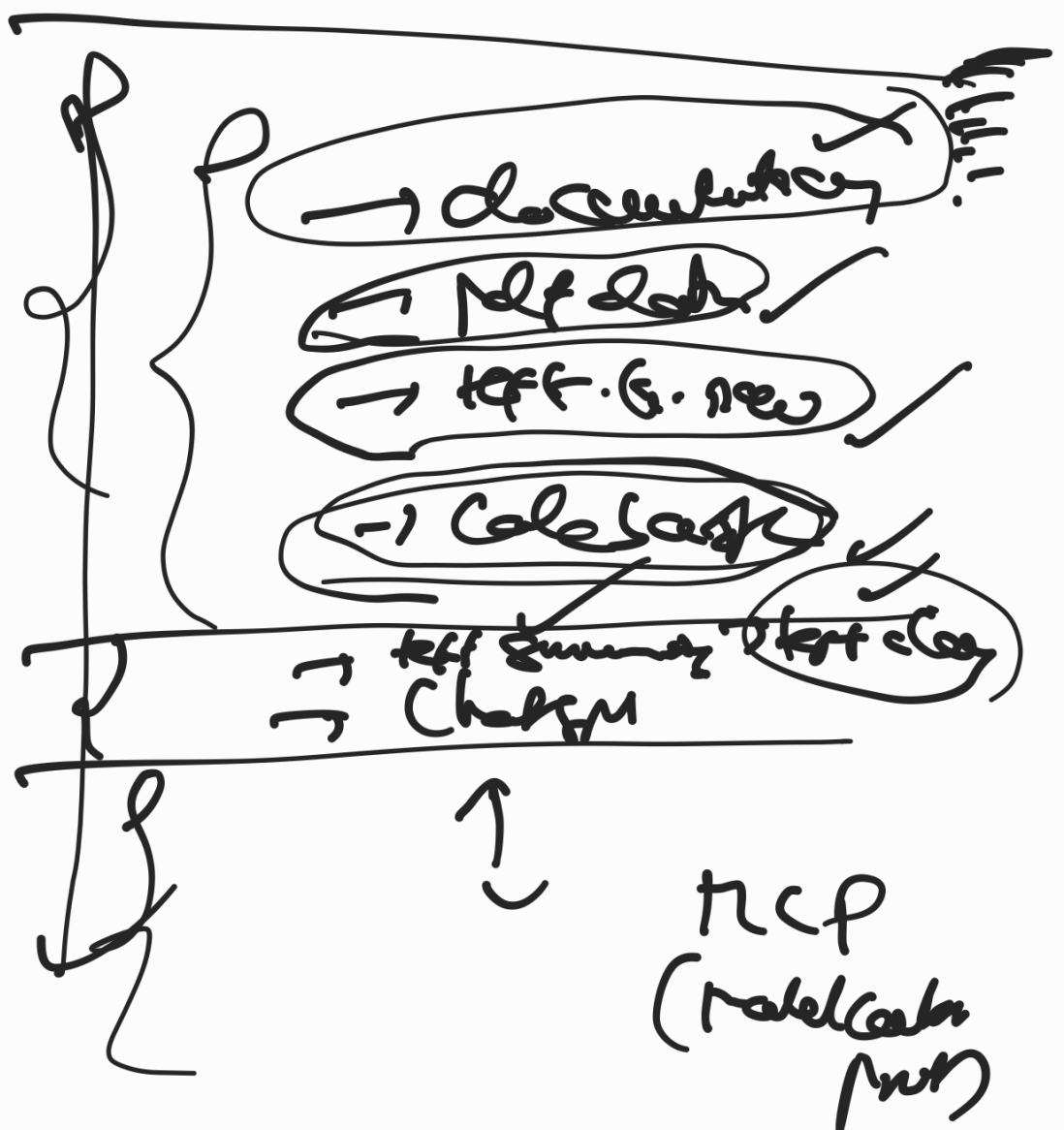
vi:

play receiver

vii:

receiving

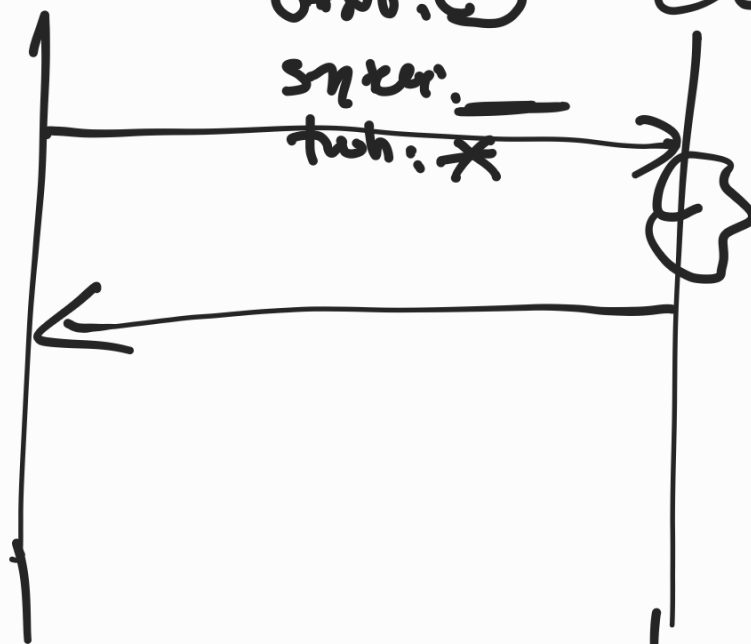
vi:





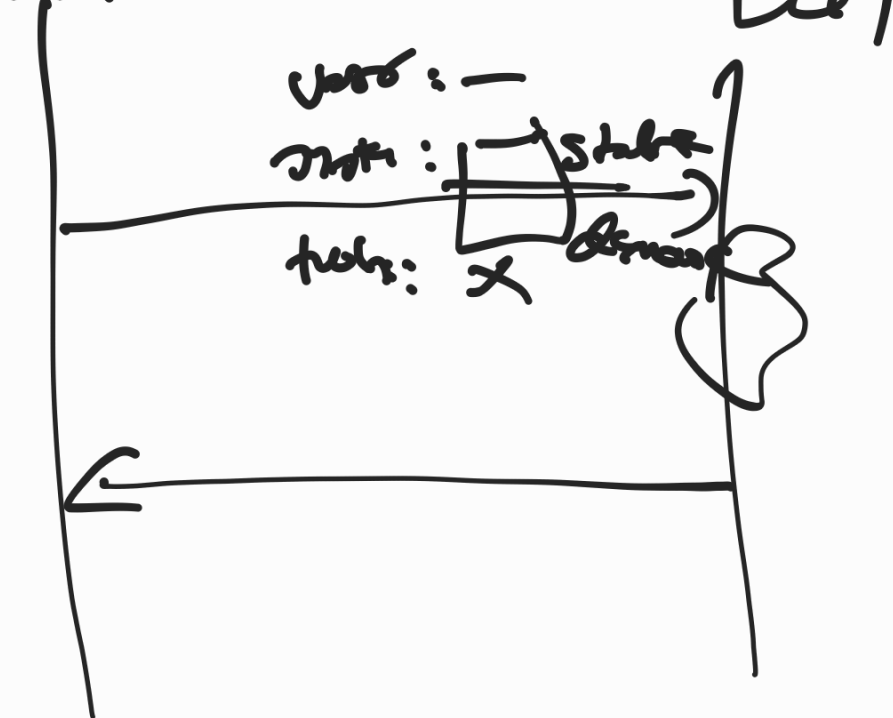
user-pouch

AWI

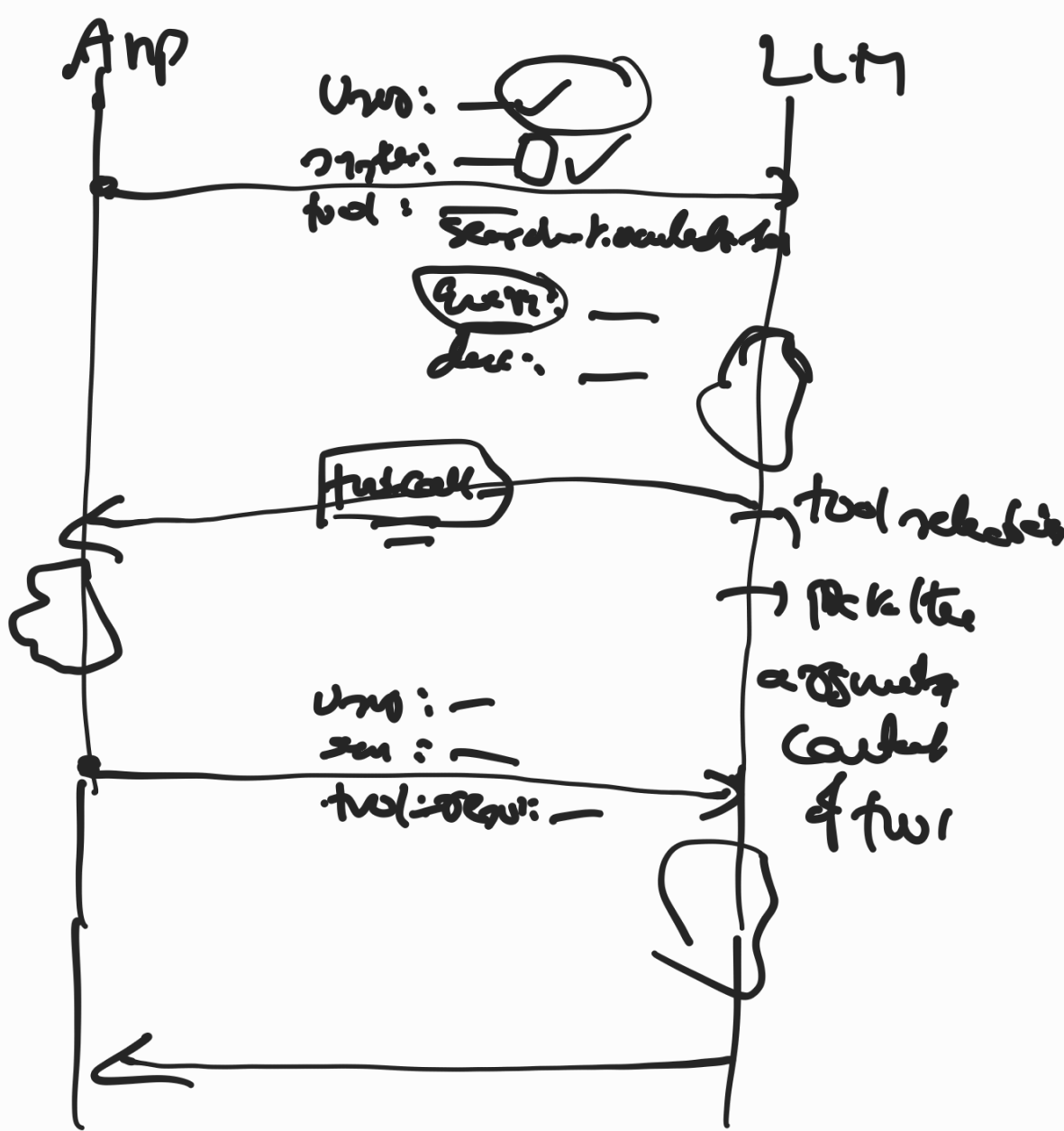


system-pouch

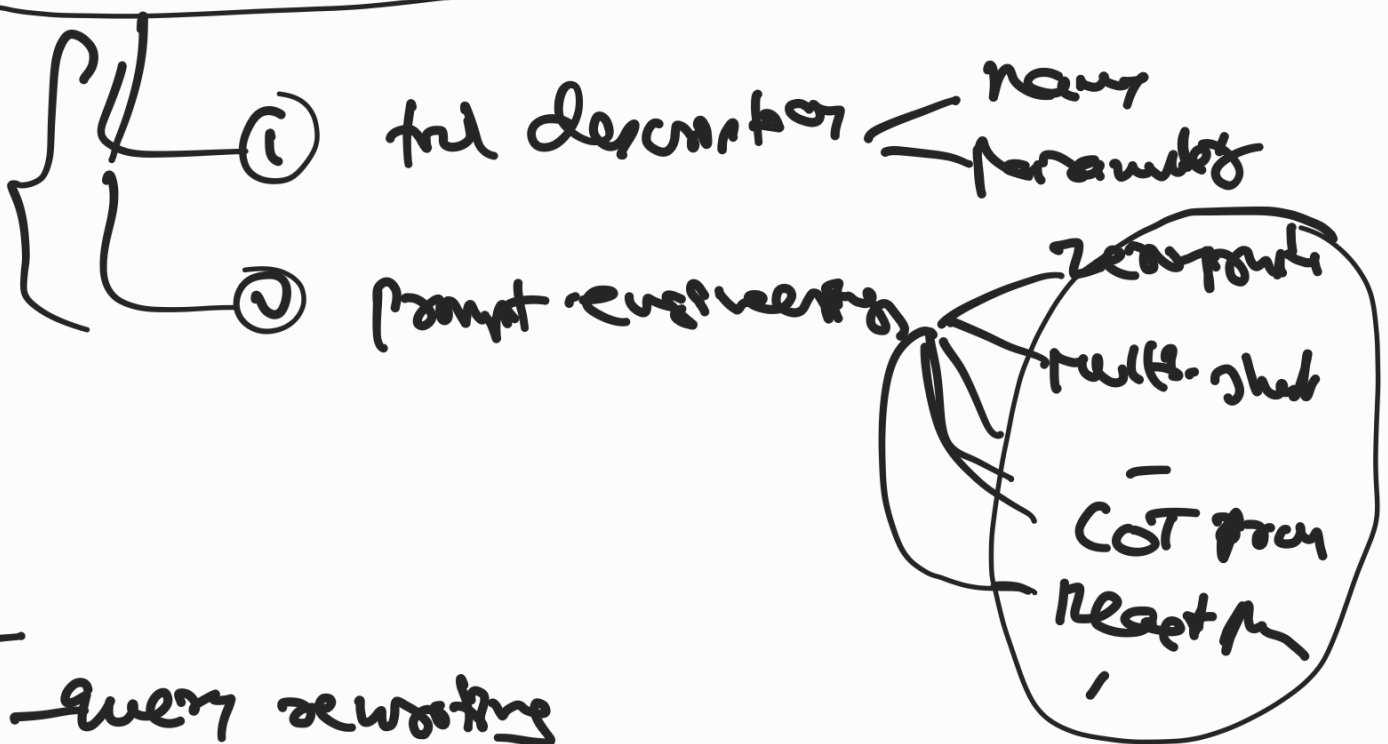
AWI



tool:



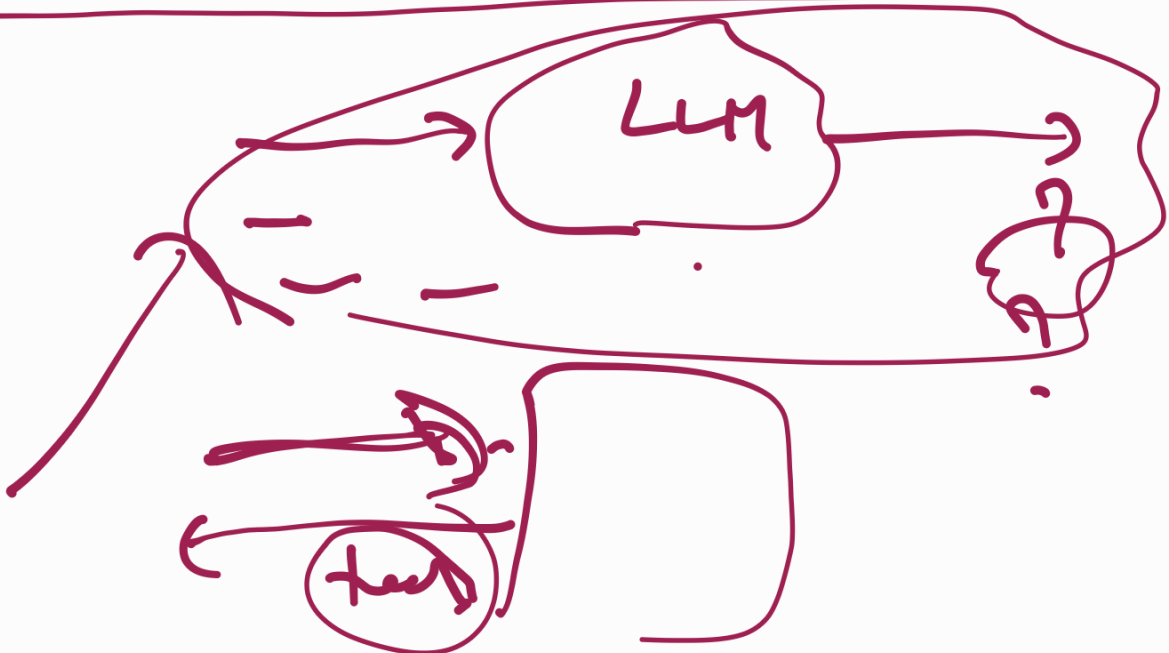
- Fix issue in tool calling

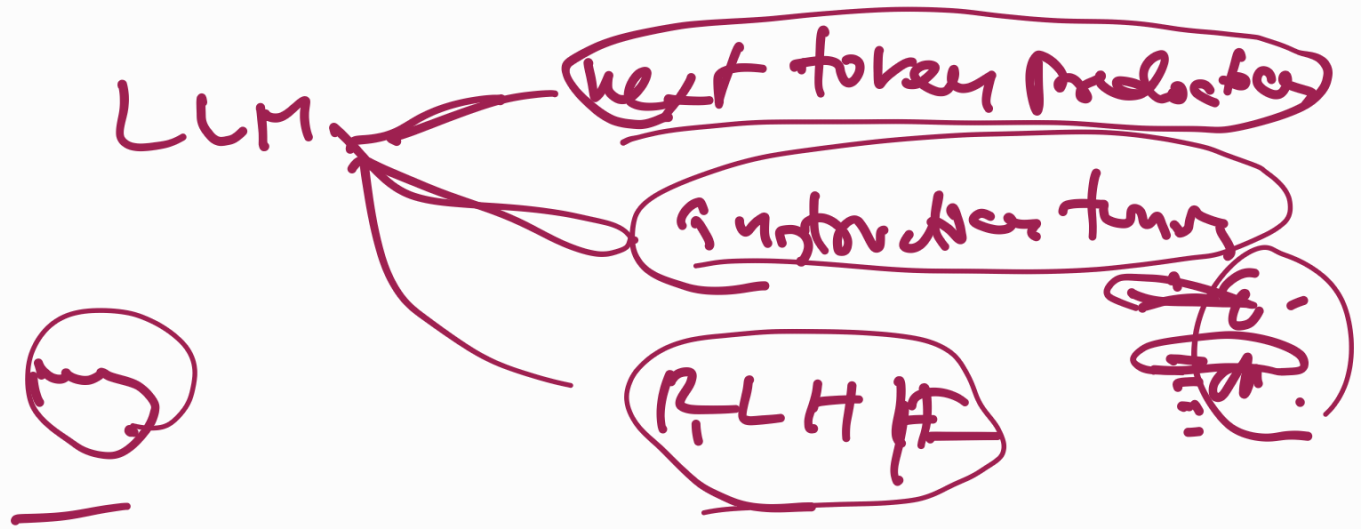


+

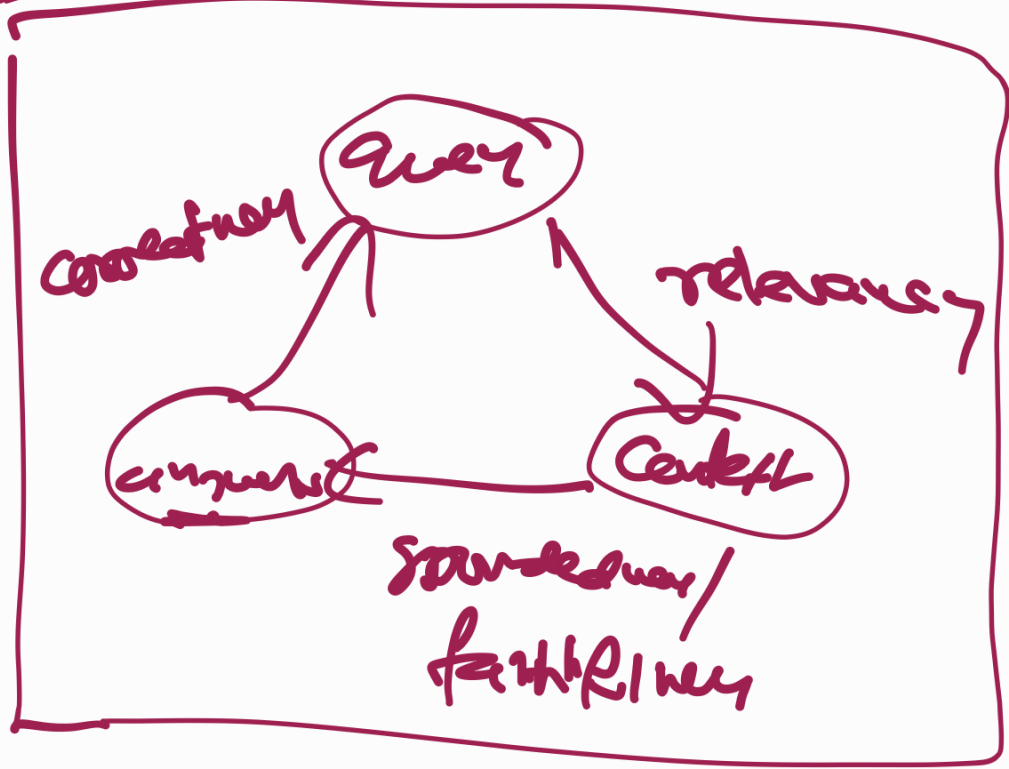
query rewriting

- reused multiple times





# CAG RAG metrics



## Context RAG metrics

└ LLM as judge

## Genomic evaluation set

└ LLM as synthesizer