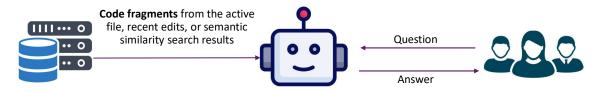
Can LLMs Understand Code Dependency and Structure?



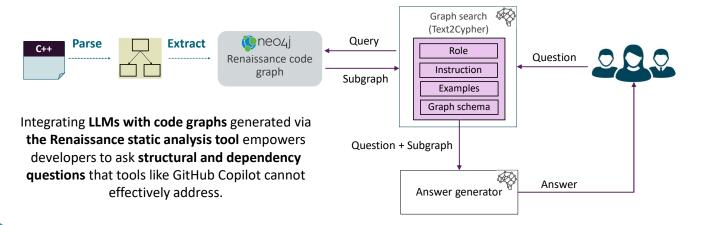
Enabling Dependency Awareness with Code Graphs

INTRODUCTION

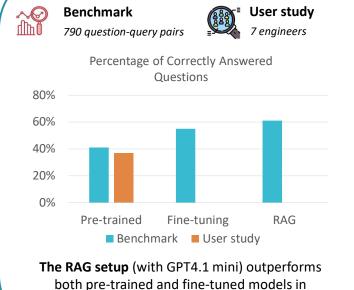
Current chat-based code assistants struggle to answer questions about codebase dependencies and structure because they **cannot "see" the code structure in a holistic way**.



SOLUTION



EVALUATION



answering questions correctly.

CONCLUSION

The combination of LLMs and code graph demonstrate strong potential in helping developers answer structural and dependency-related questions, though open challenges remain—such as understanding developers' high-level intent.

ONGOING WORK

We are integrating the Text2Cypher component as an MCP server into GitHub Copilot via the MCP protocol. This will give Copilot access to missing dependency data, unlocking questions beyond structure and dependency, and improving usability and adoption.



Partners:

Contact

