

OpenFlow

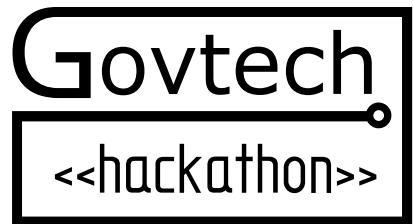
AI-powered search for government process discovery



GOVTECH HACKATHON

11. & 12. October 2025

East Side Fab
Saarbrücken

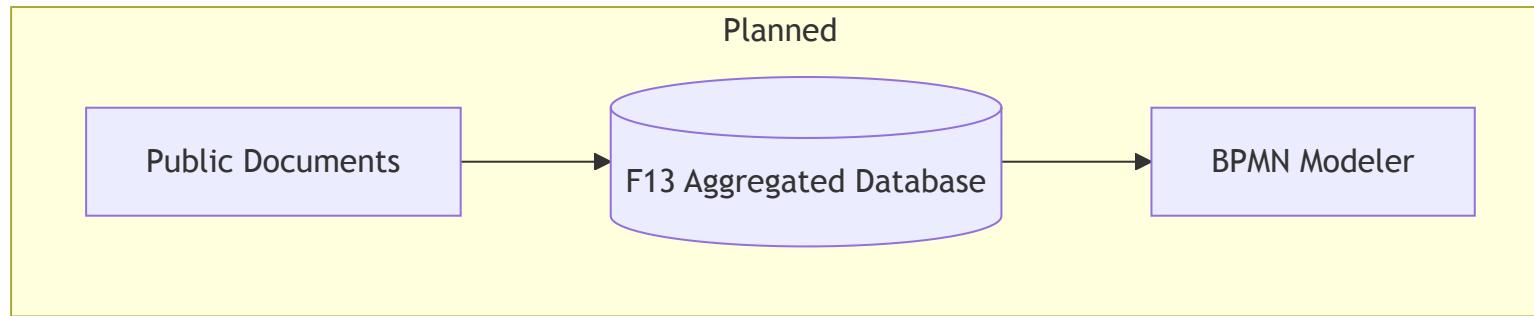


Team of 2: Melanie Schug & Sven Hennessen

F13 AI Platform

Hackathon: Our Briefing

- F13 as Saarland's AI platform for government
- F13 offers semantic search capabilities via RAG service
- Government documents are to be embedded in F13's database
- BPMN processes can be generated based on available information

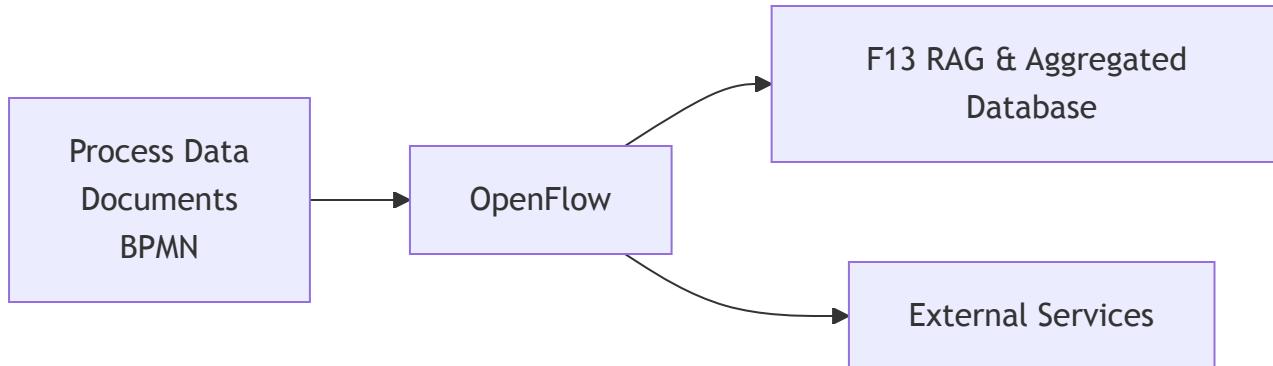


OpenFlow

AI-powered government process discovery

⚠️ **Assumption:** F13 is used as central platform for government documents and processes. Information available is embedded in F13 and searchable via RAG.

💡 **Motivation:** Harmonize redundant processes and break up communication silos across government departments.



Demo



Demo Persona: Sarah, New Employee

"How do I procure software licenses over 25,000 EUR? Do I need a tender process?"

OpenFlow Features

What was shown in the demo?

- Natural language search for government processes
- AI-powered matching via F13 embedding and RAG
- Rich process metadata (owner, contact, forms, legal basis)
- BPMN workflow visualization
- Evidence snippets for transparency
- Integration with external services

Thank You!

Questions?

 [OpenFlow Demo @ GitHub](#)

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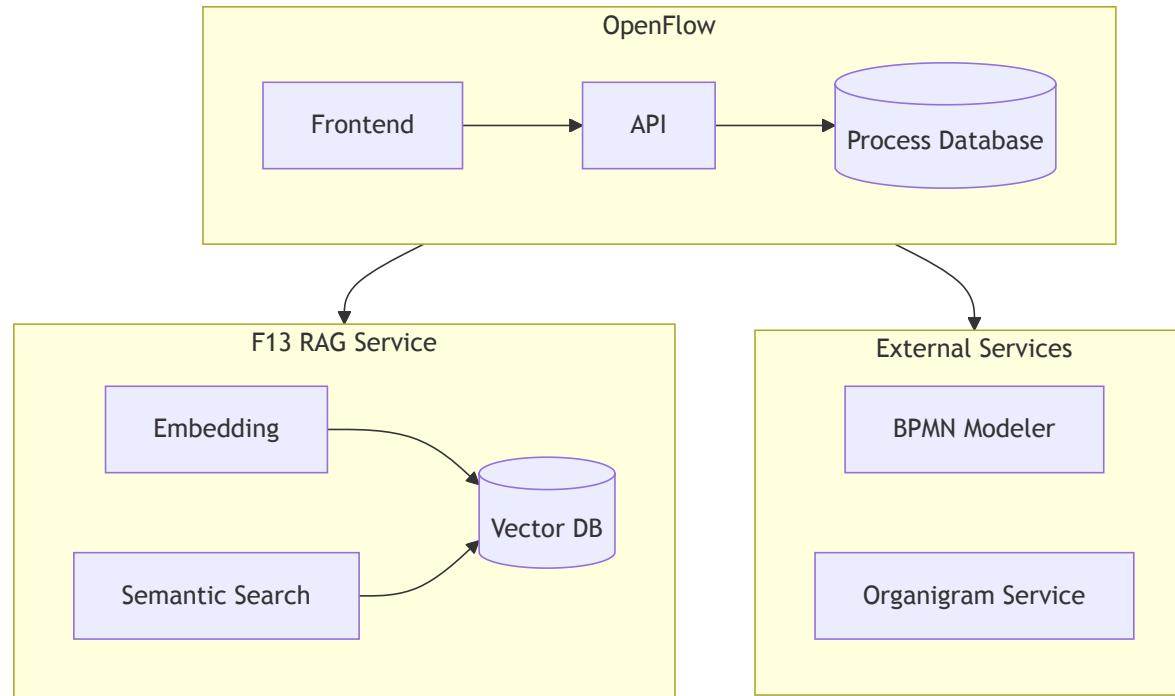
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Appendix: OpenFlow Integration 1/2

High-Level Architecture



Appendix: OpenFlow Integration 2/2

Search Integration Flow

