Scoper

The Co:here based internal documentation helper

What exactly is Scoper?

Scoper is an AI tool to allow individual contributors in large companies easily stay up to date.

Multilingual Semantic searching

- Display relavent documents to keyword

- Example usage in other proposal or code

Classifiying documentation

- Unfinished / Finished

- Guide / Wiki / Internal Memo / Project Proposal

Documentation Generation

- Automatically create documents as placeholders
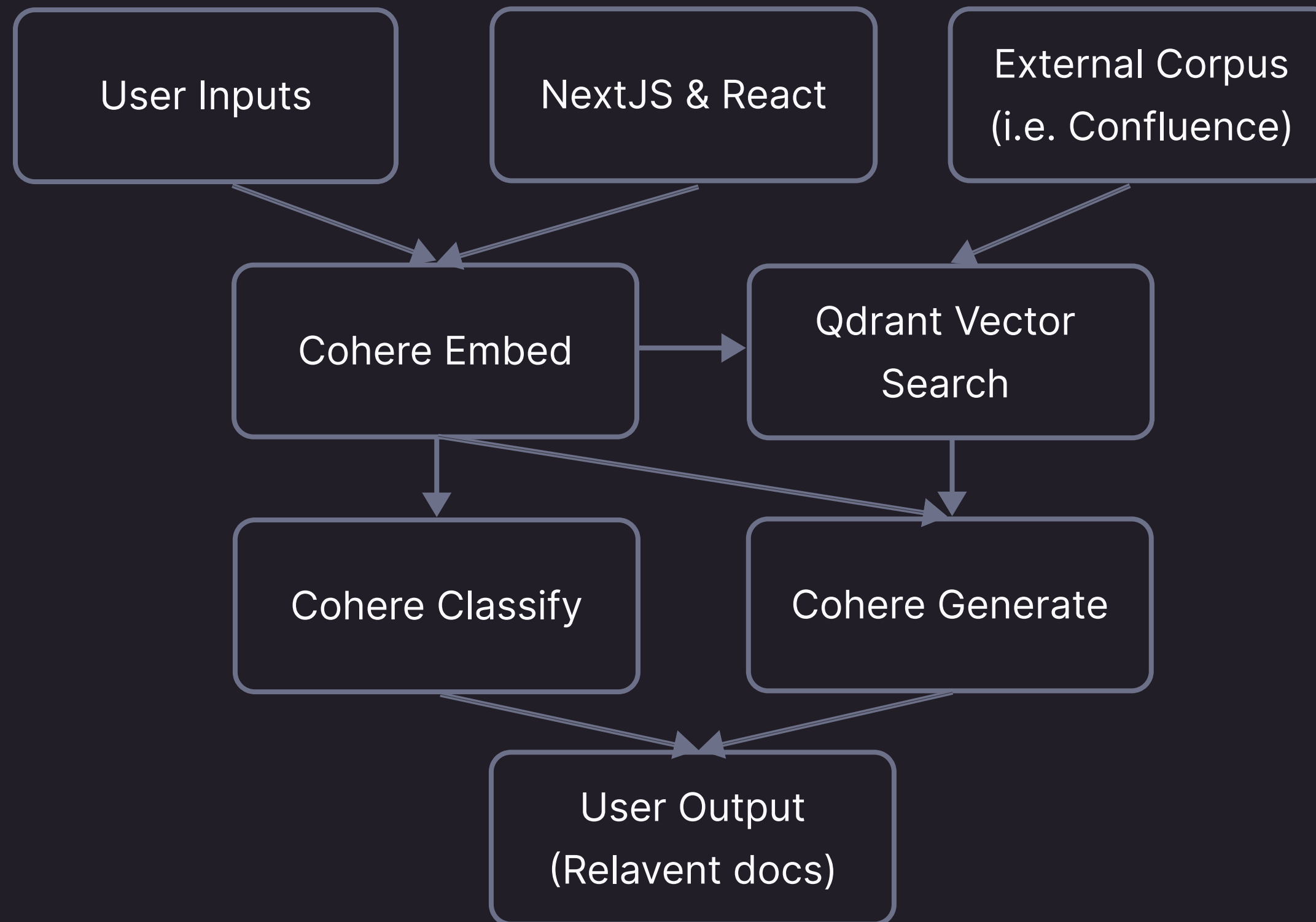
- Generate project proposal drafts

Motivation

Propogating ideas in large companies is hard

When there are many corporate levels, company vision does not always make it to individual contributor. For example, a programmer building a data cleaning service may not fully understand that they are playing a part in a massive company shift to AI. Additionally, when aiming for large scale, rapid changes little details are often lost. Whether it be initial project proposals or even API endpoint documentations.

Vision and scope drive success

Past passion for the project, having a proper understanding of the scope of a project massively improves development time. From our personal experience in large tech organizations, knowledge does not quickly spread across teams or individual sub-organizations. When iterating quickly, waiting for others becomes a bottleneck.

Data Pipeline

```
┌─────────────────┐   ┌─────────────────┐   ┌─────────────────┐
│                 │   │                 │   │ External Corpus │
│   User Inputs   │   │  NextJS & React │   │ (i.e. Confluence)│
│                 │   │                 │   │                 │
└─────────────────┘   └─────────────────┘   └─────────────────┘
```

User Inputs

NextJS & React

External Corpus (i.e. Confluence)

Cohere Embed

Qdrant Vector Search

Cohere Classify

Cohere Generate

User Output (Relavent docs)

Demo

Practical Applications & Extensions

- Deployed as a B2B service for large tech organizations

- Integrated as a plugin into large wiki services (Confluence, Jira)

- Integrate into codebases and version control systems such as github/gitlab

- Extend the service to handle documention for code as well

  - Classify code as undocumented / documented

  - Automatically generate documentation for code

- Chat-bot style helper

- Email classification

Thanks for listening!

And thanks to Cohere and Qdrant for their amazing work