

Lynx

A Graph Query Framework for Multiple Heterogeneous Data Sources

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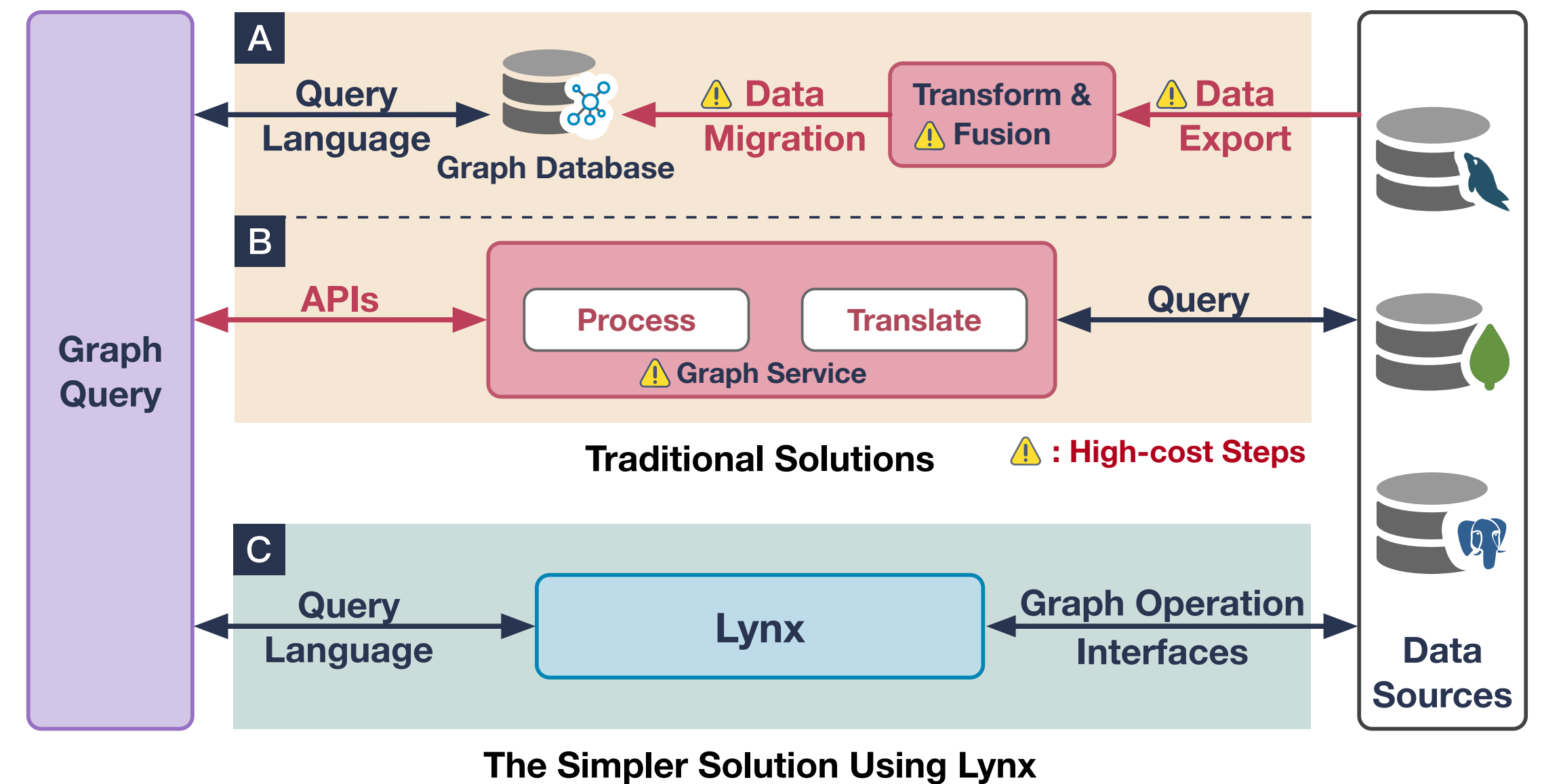
Outline

- **Part 1. Introduction**
- **Part 2. Demonstration**
- **Part 3. Conclusion**

Introduction

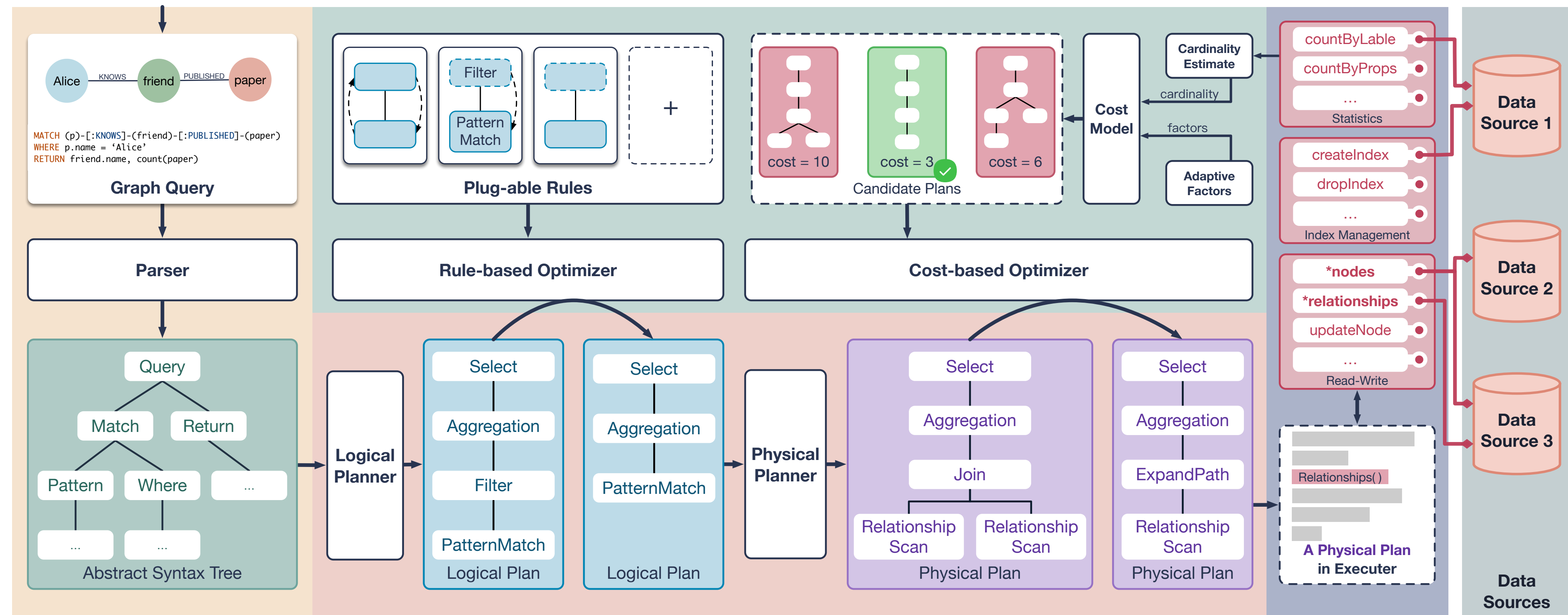
Motivation

- Modern applications need to execute graph query across heterogeneous data sources.
- Two traditional solutions
 - Data migration into Graph Database
 - Developing graph services
- Lynx:
 - Graph query -> Graph operation
 - Provide graph operation interfaces




Introduction

Architecture & workflow

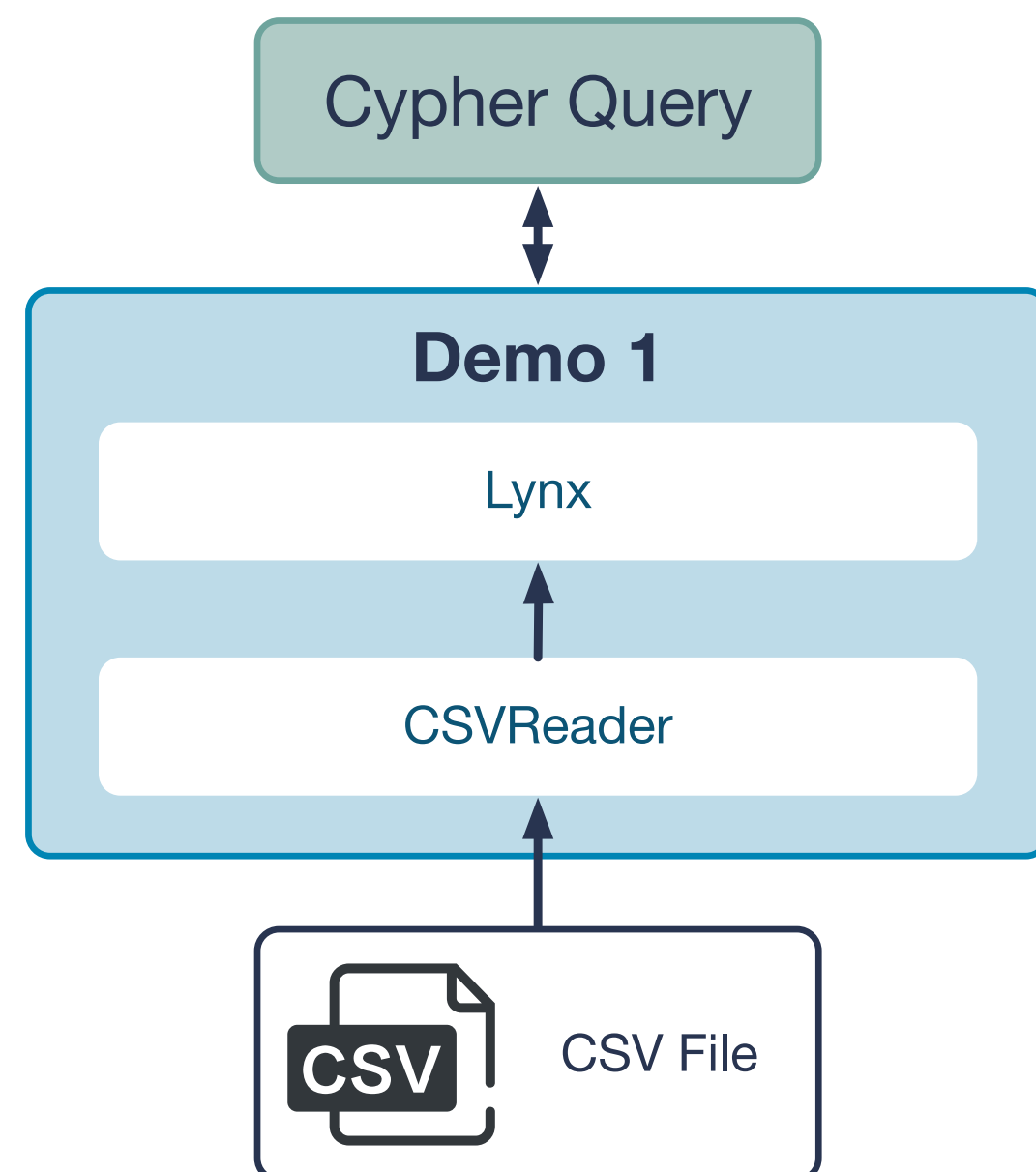




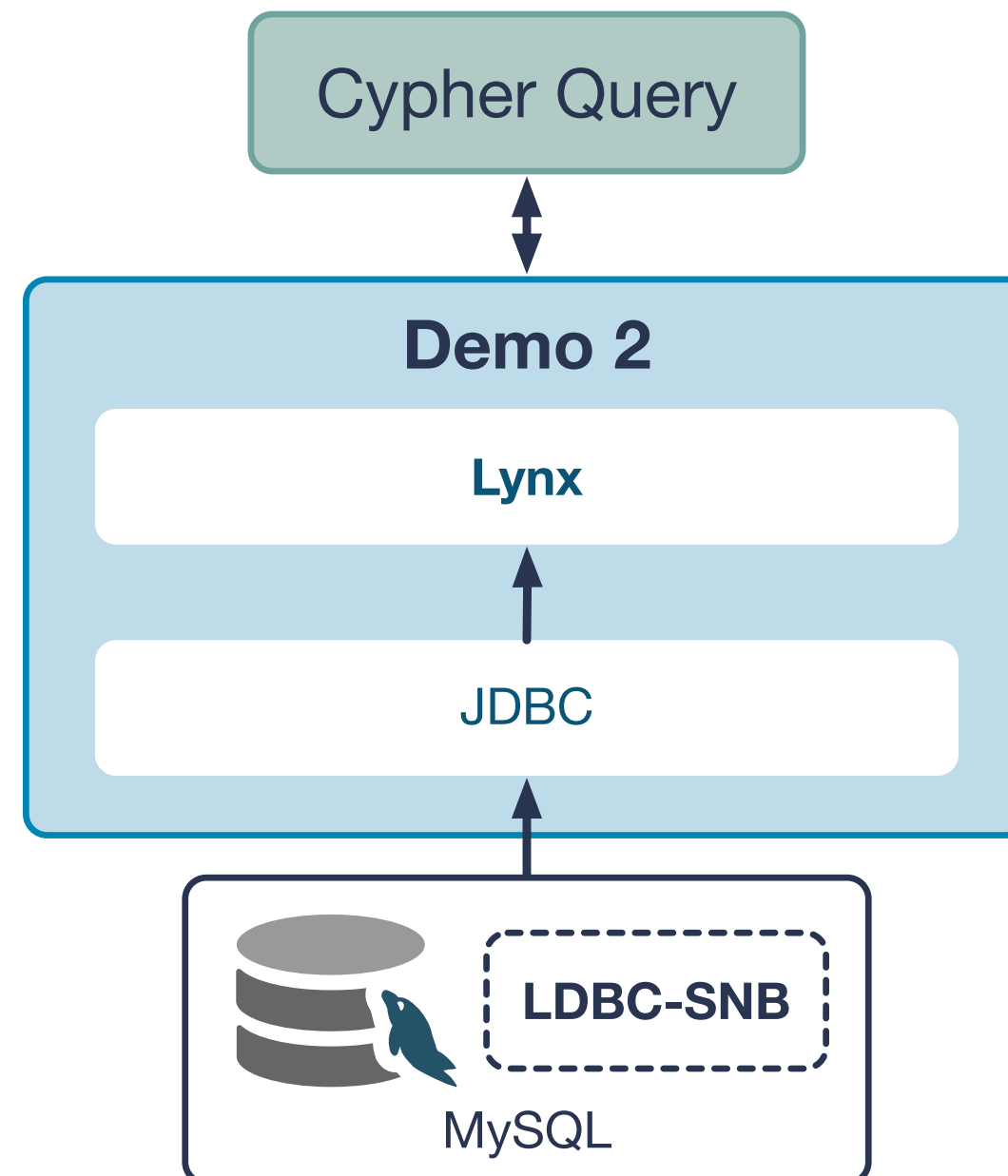
 github.com/lynxworld/lynx

Demonstration

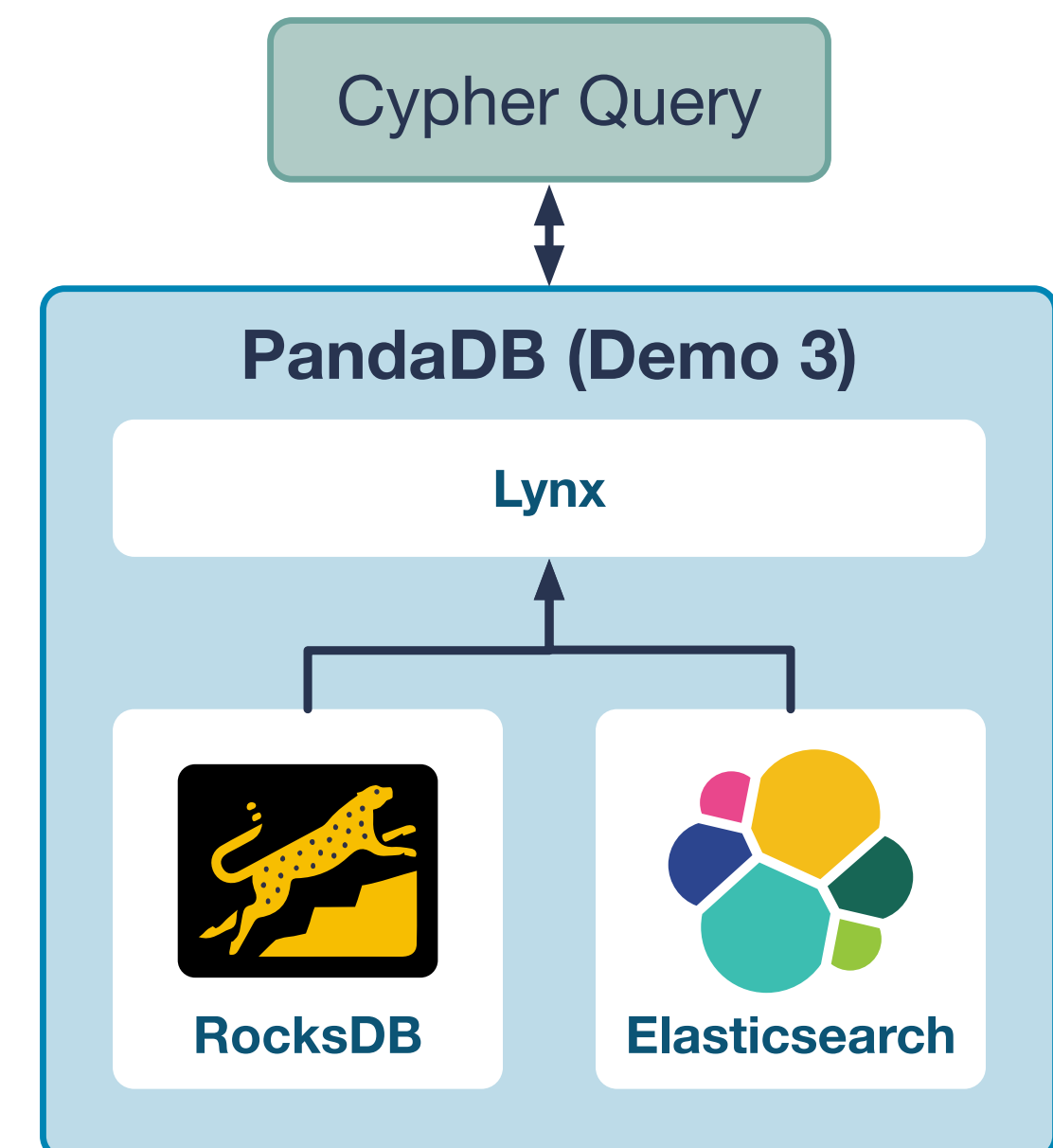
Demo 1. Graph query on CSV



Demo 2. Graph query on Database



Demo 3. Lynx as a query engine for graph database



Conclusion

- **Lynx is a general graph query framework**
- **Support popular graph query language (Cypher)**
- **Open source project**
- **Use cases:**
 - Graph query on any data sources
 - Graph database development

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