



# Metadata Extraction

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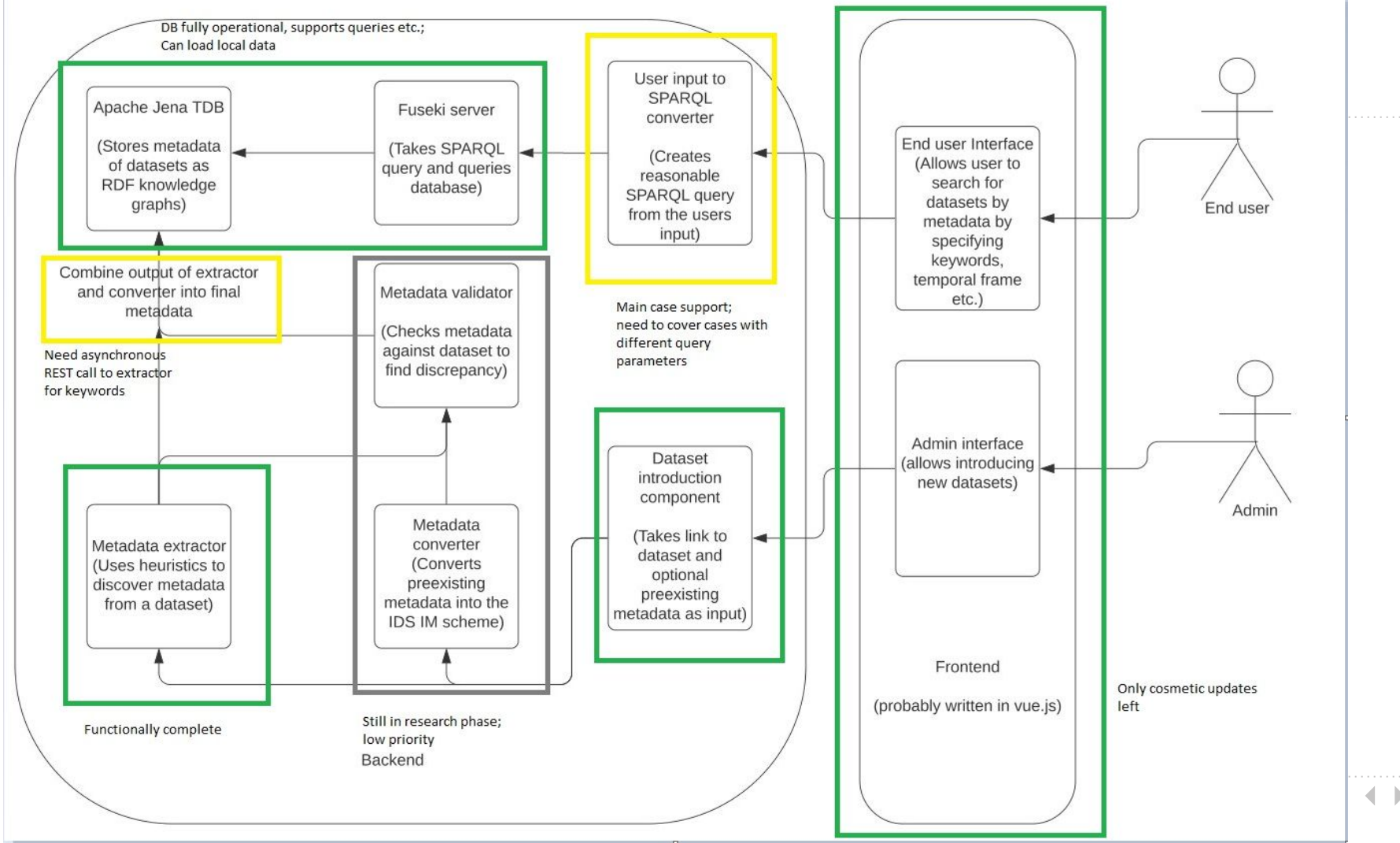
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# Overview

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- Architecture Rundown
- Admin Demo Flow
- User Demo Flow

# Architecture Rundown



# Architecture Rundown

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- **Frontend:** Fully operational, cosmetic updates left
- **Extractor:** Functionally complete; integration with backend left
  
- **Backend (API/Frontend Integration):** Complete
- **Backend (Database):** Complete; can load local data; graceful shutdown
- **Backend (Extractor Integration):**
- **Backend (Query Generator):** Need to take care of edge-cases
- **Backend (KG Creator):** Mostly done, integration remains

# Admin Demo Flow

# Admin Demo Flow

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- Users can invoke Admin page from the frontend
- Users input title, description and url
- Backend retrieves metadata concerns from extractor
- Creates knowledge graph using IDS IM
- Writes KG to database

# User Demo Flow



# User Demo Flow

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- Users can send queries to the application using the frontend with various parameters
- Keywords (including title/description search), dataquality, timeframe
- Backend queries database for matching datasets
- Result is returned to the user



# Thank you

Questions?

Slide theme credit - Isaiah Mulang