



Enterprise Generative AI – Solution for Research and Information Retrieval

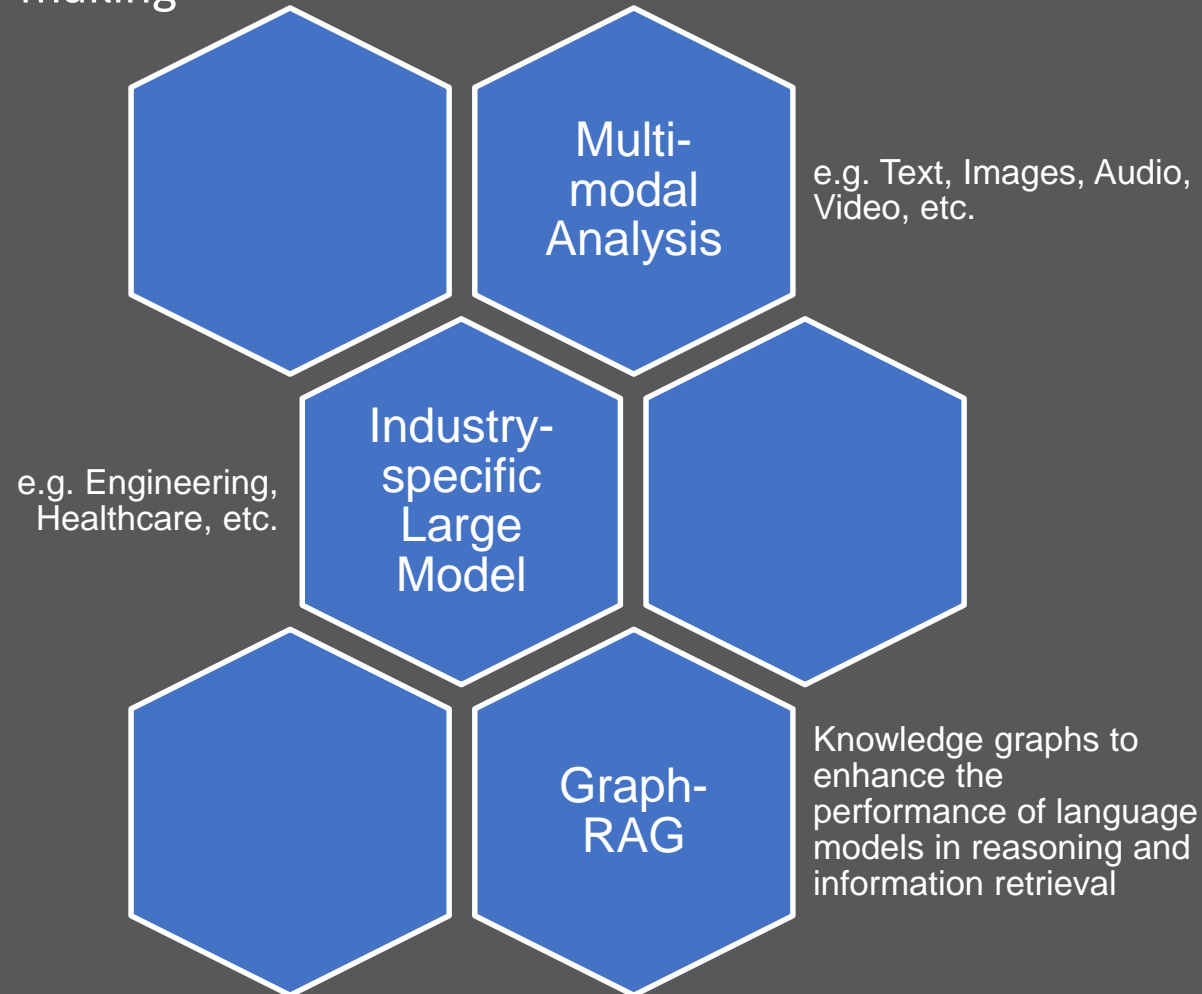
computer  technologies

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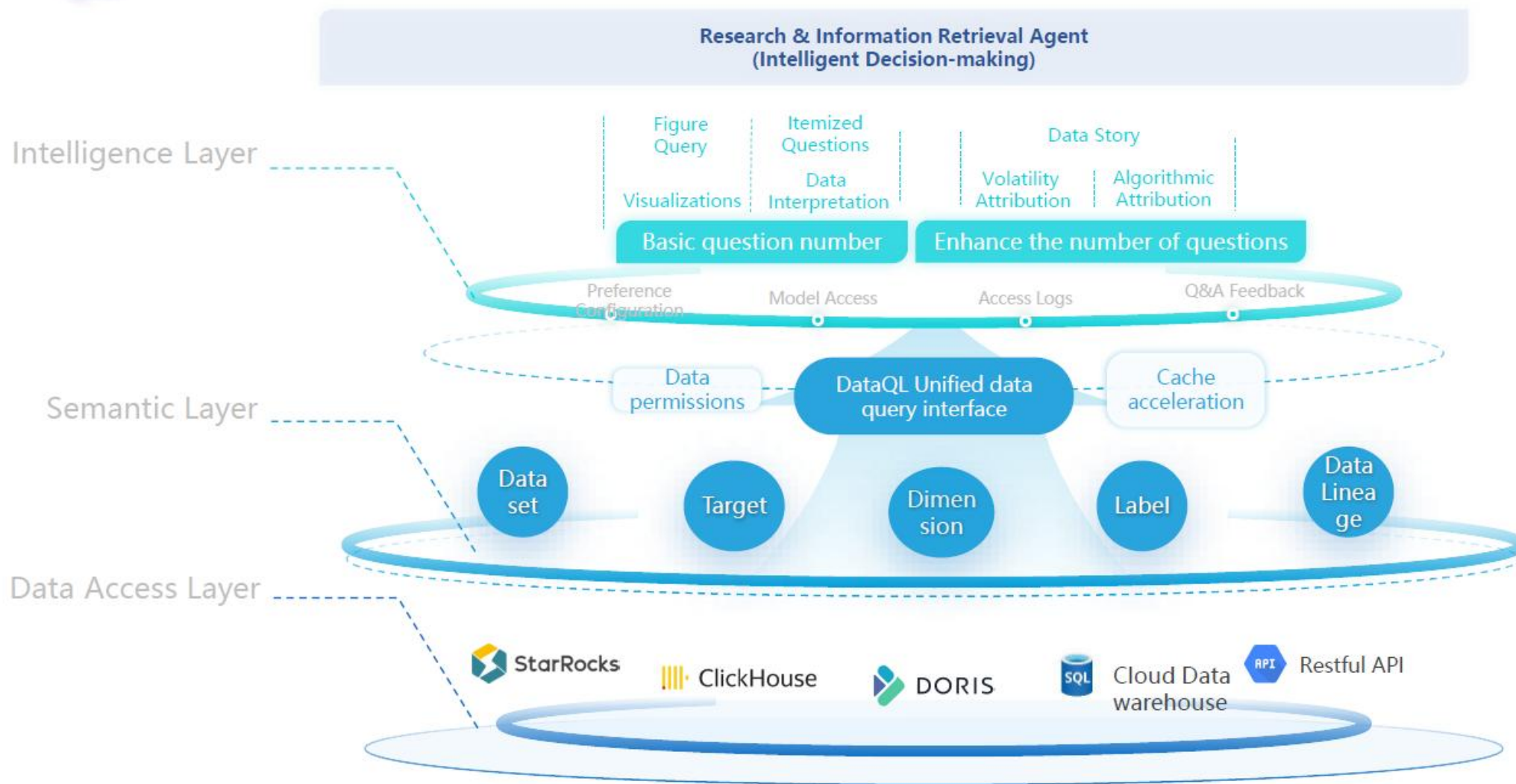
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Introduction

C&T's AI-powered Research and Information Retrieval solution addresses critical challenges in public service efficiency by enabling rapid, accurate access to diverse data sources. Leveraging semantic search, a re-rank model for precision, and integrated data governance, the platform automates complex information synthesis and enhances decision-making

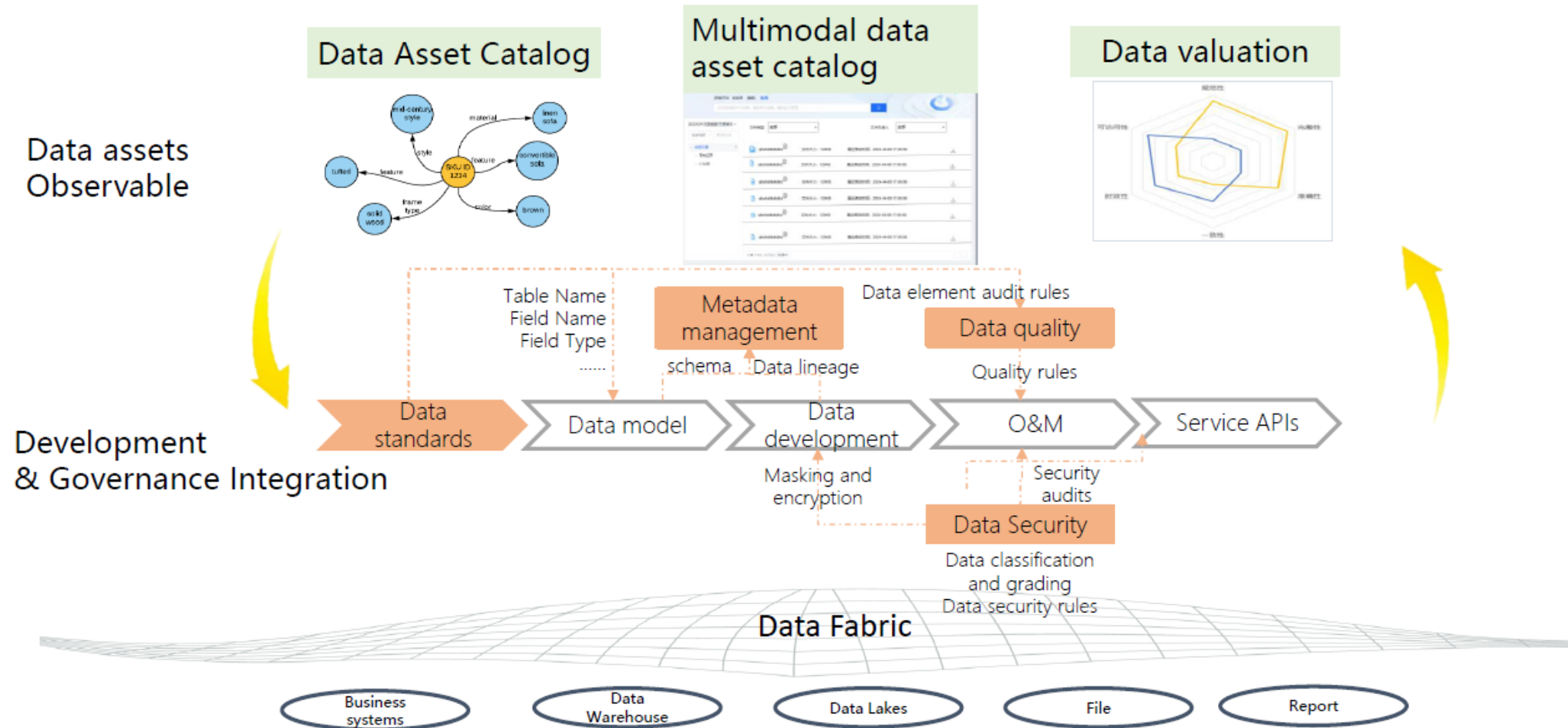


Research & Information Retrieval Agent



Integration of Development & Governance

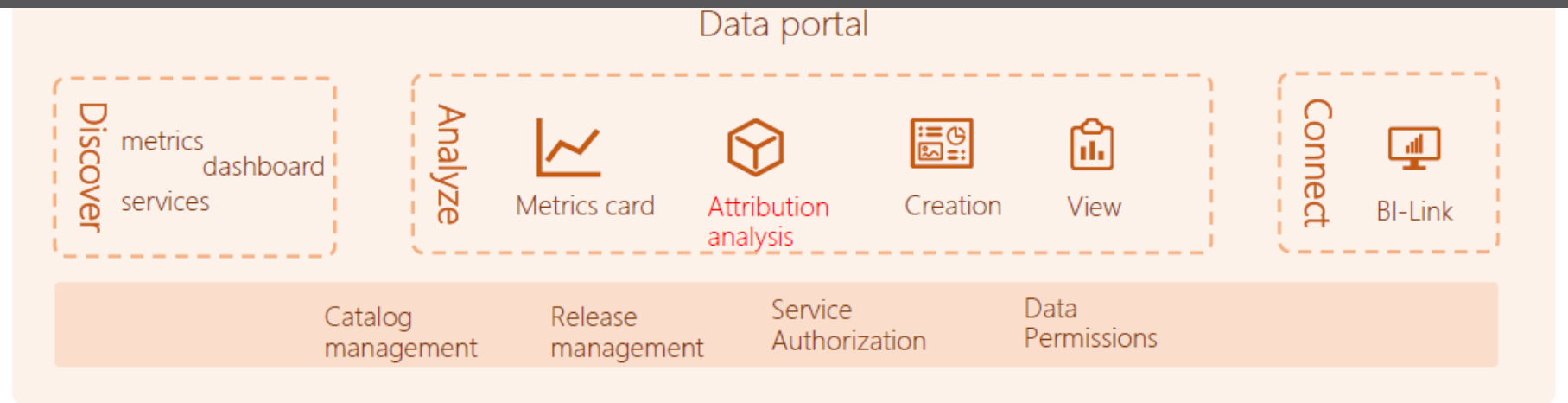
Based on global closed-loop data governance, implement the core ability of **"Integration of development and governance"**. Unlock the value of data by enabling it to be applied more widely and deeply.



Metrics Center, Unified Management & Value Enhancement

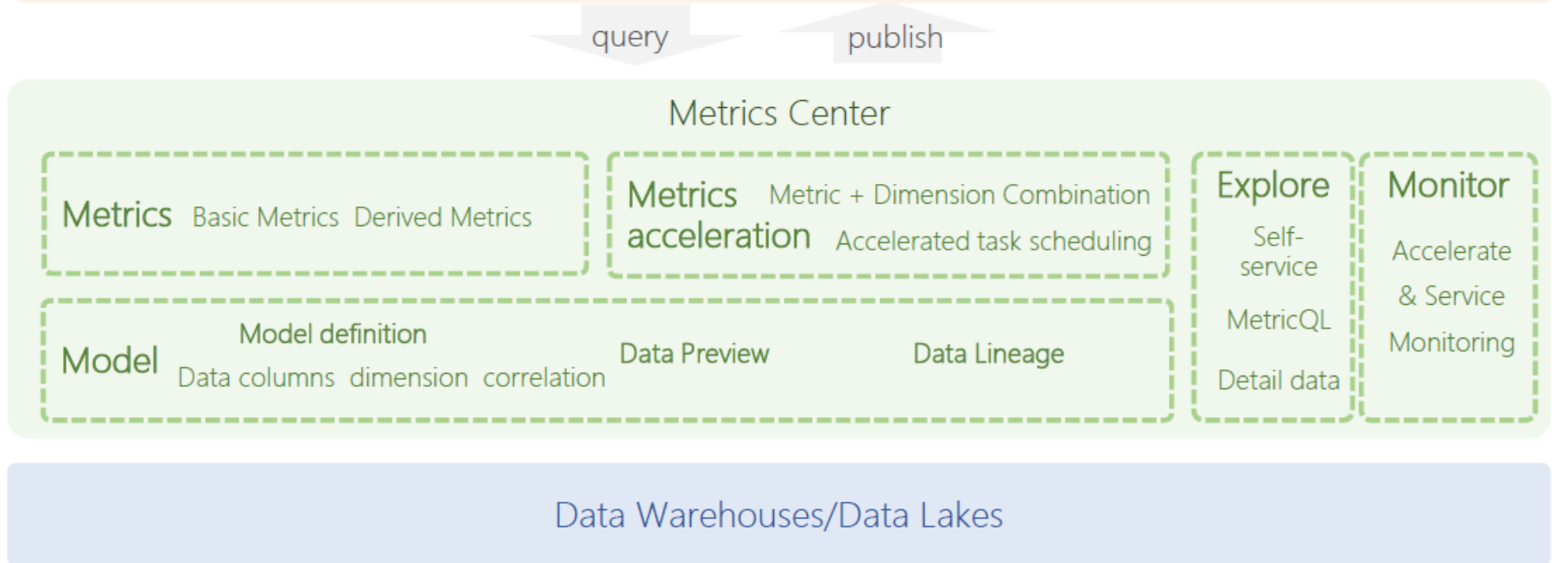
Data portal

Data Users performs metrics discovery in the portal, explore based on metrics, create reports, and connect data to the business for value

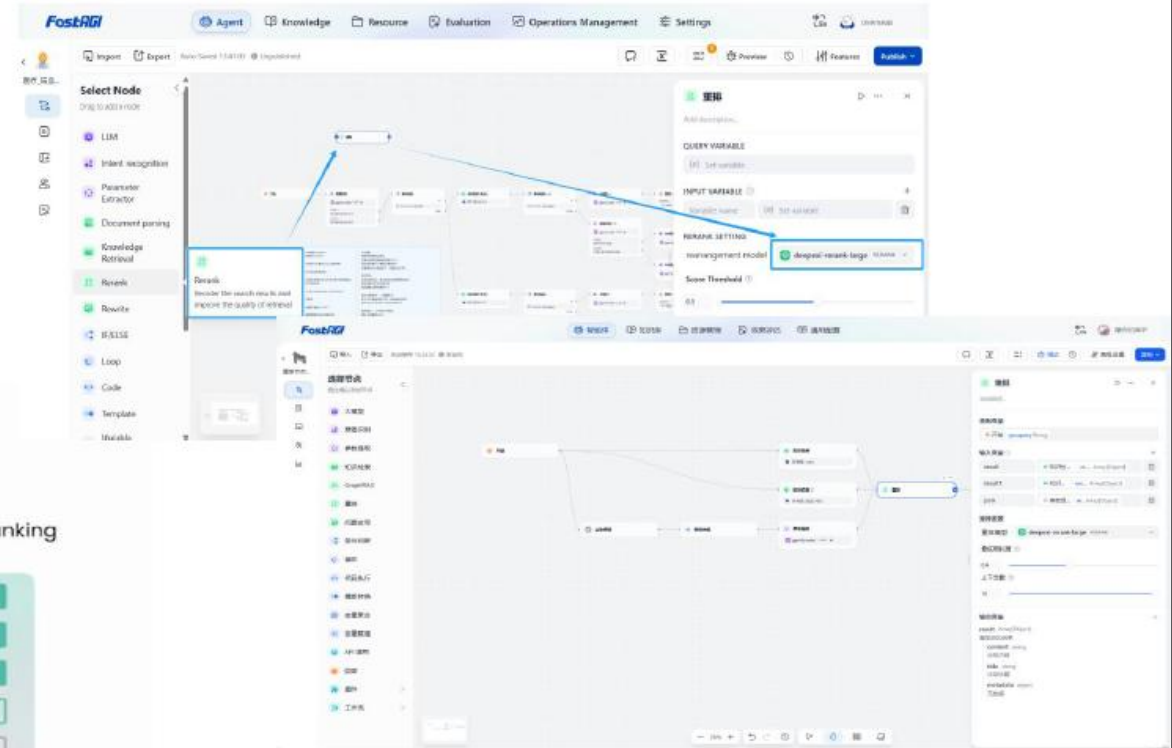
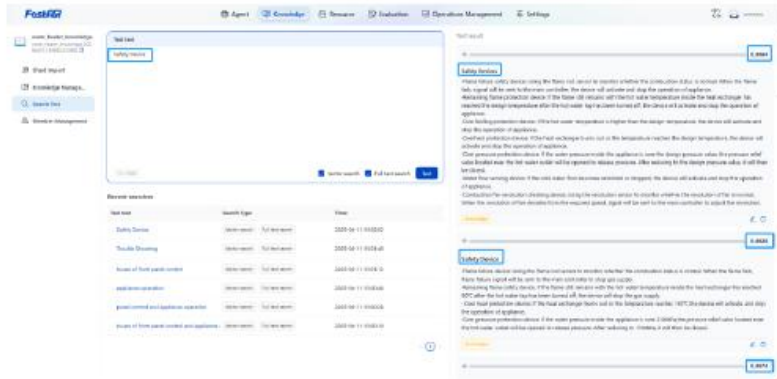


Metrics Center

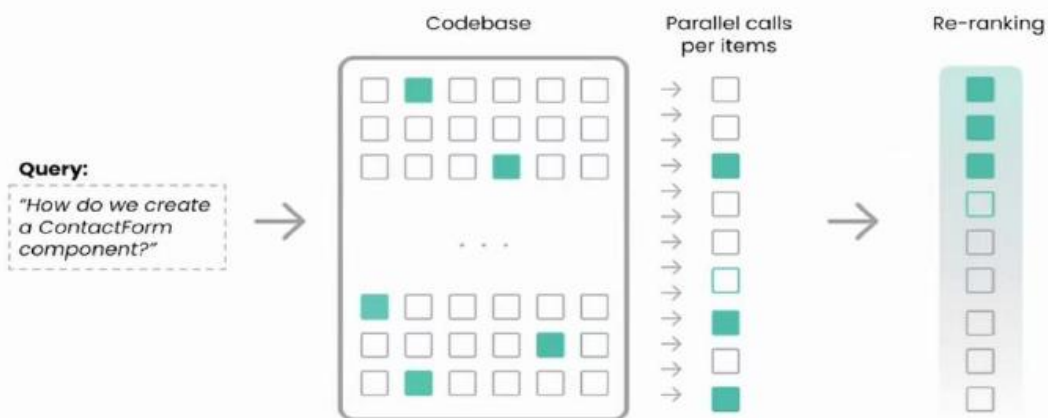
Data Developers process data for accurate metrics through a unified semantic model, choose to configure metrics to accelerate and publish to the data portal



Re-rank Model | Reorder Search Results to Improve Search Quality



Retrieval recall: embedding weights
Riptide



Reorder based on weights
PS: Embeddable industry evaluation criteria

Schematic diagram of the internal process of the model



Customer Case

Council Inquiry Report

Dynamic & Case Database

- Immediacy and authority: dynamic updates, in-depth analysis
- Multi-dimensional Resource Integration: Case database + Retrieval across resource databases

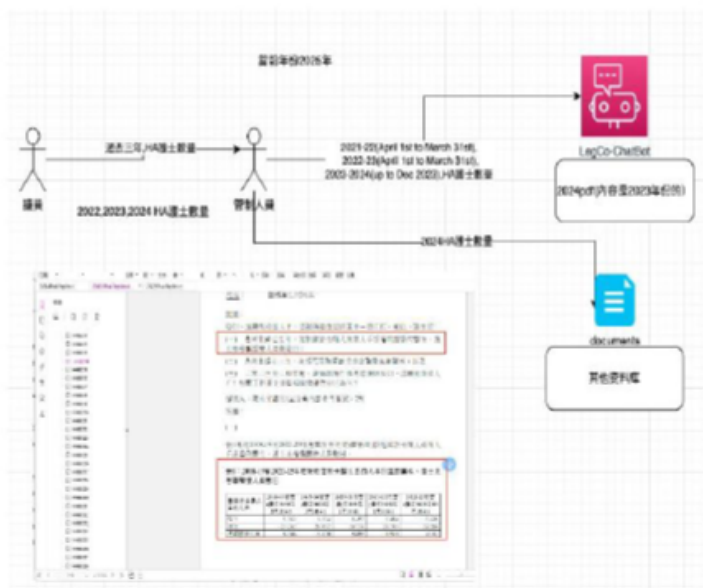
Application direction of the business scenario

At present, it has become a core decision-making tool in scenarios such as law, policy, and corporate compliance

Technical support

Intelligent search tools: keyword optimization + RAG Graph enhanced analysis

業務流程



Legal advice and dispute resolution

Policy Research & Review

Corporate Compliance & Risk Management

Academic research and education training

Tech Innovations



Smart slicing

Automatic data augmentation

Text matching algorithms

Long text compression search optimization

Traceable answer - pdf viewer

The background of the image is a complex, futuristic digital environment. It features a series of floating, rectangular blocks in shades of blue, purple, and orange. These blocks are arranged in a way that suggests a 3D data structure or a virtual cityscape. In the foreground, a person in a dark suit is seen from behind, standing at a desk with two computer monitors. The person is looking out over a vast, hazy landscape that appears to be a digital horizon. The overall color palette is dominated by cool blues and purples, with warm orange and yellow highlights from the light source in the distance.

Deliver effective **IT solutions**
and **quality services**

A futuristic digital landscape with floating cubes and a person at a workstation. The scene is set in a virtual environment with a blue and orange color palette. In the foreground, a person in a dark suit stands at a workstation with two monitors and a keyboard. The workstation is on a platform that extends into a vast, open space. The background is filled with numerous floating cubes of various sizes, some of which are transparent and show internal circuitry. The cubes are arranged in a way that creates a sense of depth and perspective. The sky is a bright, hazy orange, suggesting a sunrise or sunset. The overall atmosphere is one of high-tech and digital innovation.

Thank You
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