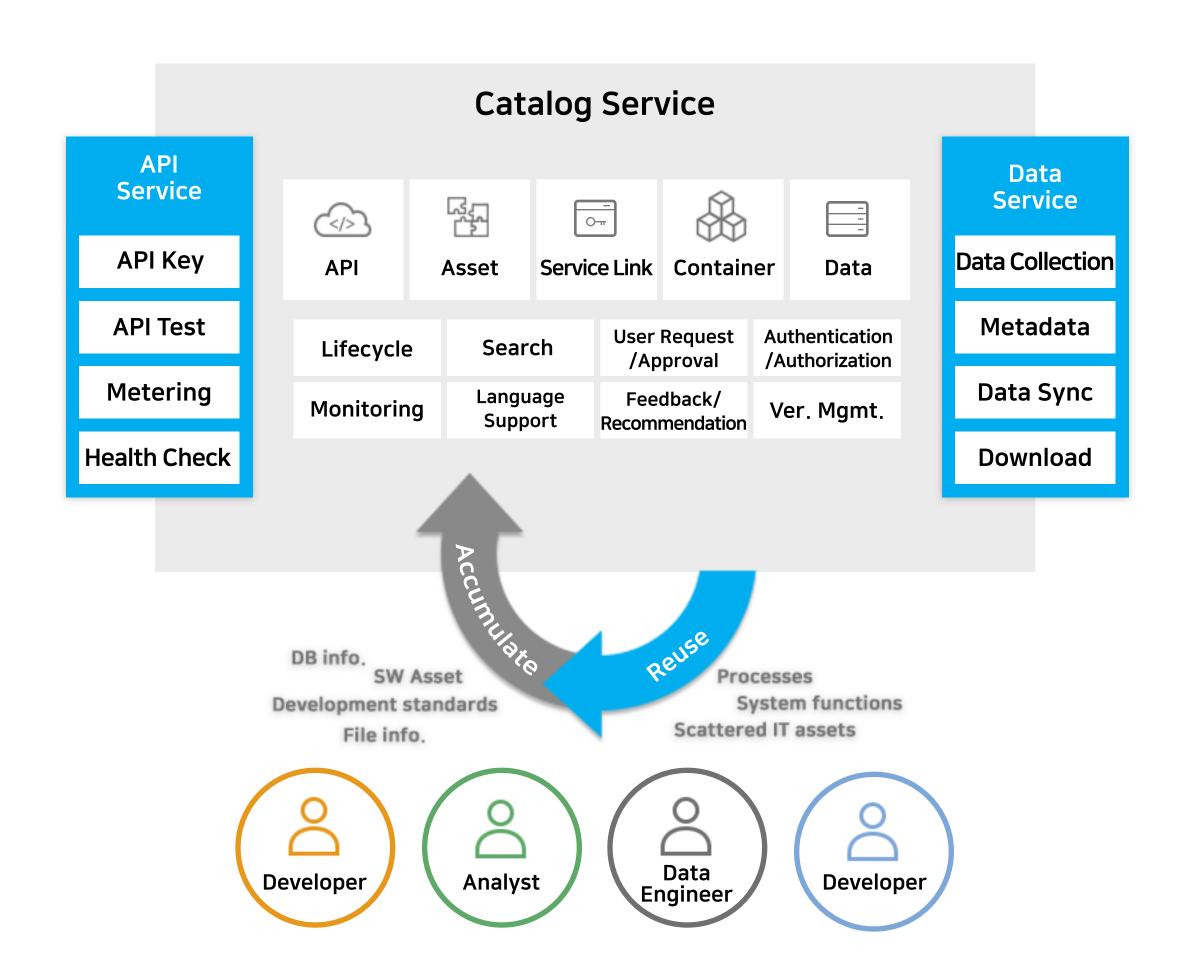# Software Reuse Platform **Catalog**

It's a platform that manages the life cycle of software assets being reused and provides search & recommendation to help make better use of assets.

Catalog Service

API Service		Data Service
API Key	API / Asset / Service Link / Container / Data	Data Collection
API Test	Lifecycle / Search / User Request /Approval / Authentication /Authorization	Metadata
Metering	Monitoring / Language Support / Feedback/ Recommendation / Ver. Mgmt.	Data Sync
Health Check		Download

Accumulate

Reuse

DB info.
SW Asset
Development standards
File info.

Processes
System functions
Scattered IT assets

Developer   Analyst   Data Engineer   Developer

✔ Catalog Service

Provide search/real-time carnation, life cycle management of individual catalog, and effective SW asset management via asset use/approval between suppliers and users.

✔ API Service

Manage API life cycle linked with API Catalog, verify use approval token, and provide API service load balancing, flow control, usage management and monitoring.

✔ Data Service

Expose source data to data catalog, help with simple data migration, and support large-scale data movement (terabyte).

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