YOUnite Ecosystem

YOUnite DataHub

YOUnite DataStore

Internal Database

Router

- **Data Record Assembler**
- **Governance Manager**
- **Data Quality Manager**
- **Notification Manager**

API
OAuth

OAuth

YOUnite UI

Applications/Tools
- Register for and receive YOUnite Notifications
- Request federated data records
- Manage the ecosystem (zones users, groups, domains, etc)

Message Broker

Data Exceptions   Zone1 Logs   Zone2 Logs

OAuth
LOG

datahub queue

message

In Flight Data Record/Payload

adaptor queue

Adaptor

OAuth

Source System/Application

Source Data Records

adaptor queue

Adaptor

OAuth

Source System/Application

e.g. Data Warehouse

NOTE 1: Assume that source data records are contained in containers such as database tables or objects and are linked together to form federated data records (in contrast to data records that are stored in the YOUnite Data Store).
NOTE 2: Data domains and taxonomies are represented by the data records. Data domain is a context to understand a data record and nothing more.
NOTE 3: Adaptors are developed using the YOUniteAdaptor SDK