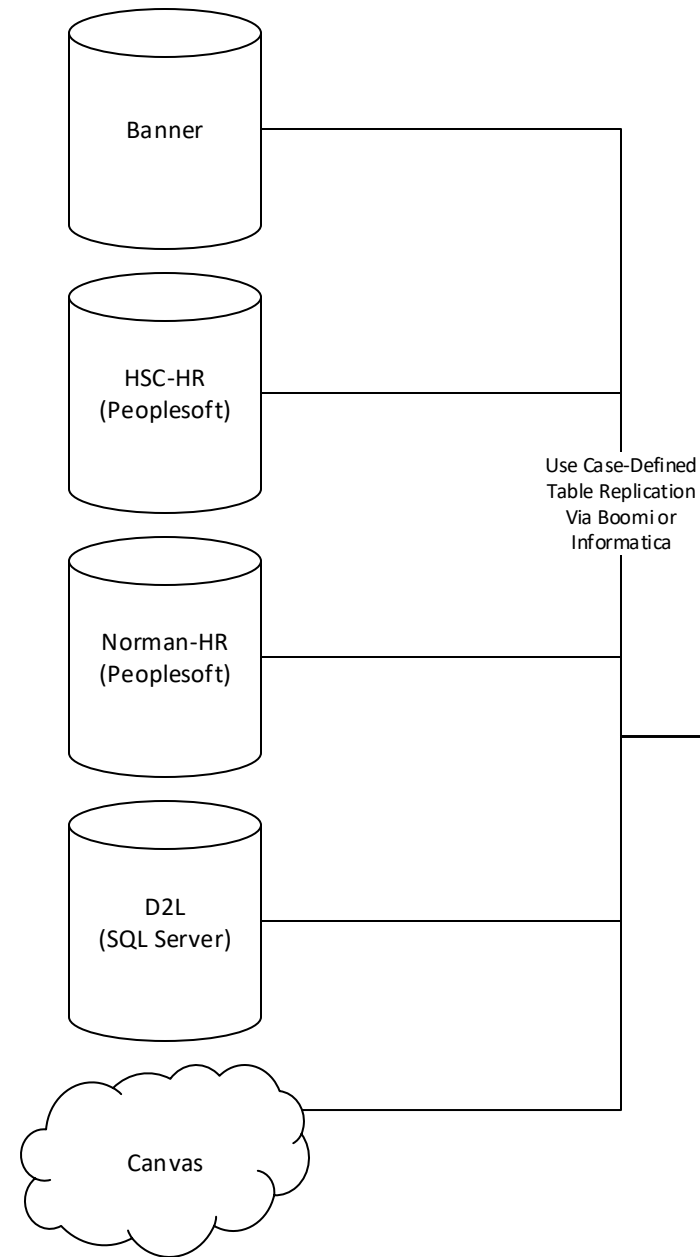# DART Data Review Subteam Minutes, 08-15-17

- Review minutes from prior meeting (virtually approved via DART Data Review SharePoint)

- Presentation/Q&A session by Matt Wesley, IT Data Architect, on the new data reporting architecture being developed by IT. **Matt presented the new data architecture (attached) and fielded questions. This took up most of the meeting time.**

- DART Data Review Group to access DRRG Approved Packages folder. **The DART Data Review Subteam's access to the Data Request Review Group (DRRG) Approved Packages folder was reviewed.**

- Leadership discussion. **The group will vote on leadership at the next meeting.**

- Next meeting: September 19, 2017, 1:30—2:30, Collings Hall (most likely going to virtual meetings after that time)
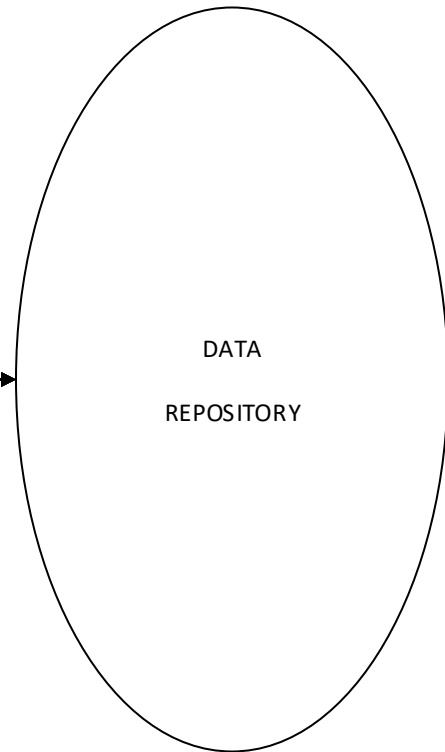
Data Services: From Source to Report

Source Systems
(On Prem and Cloud)

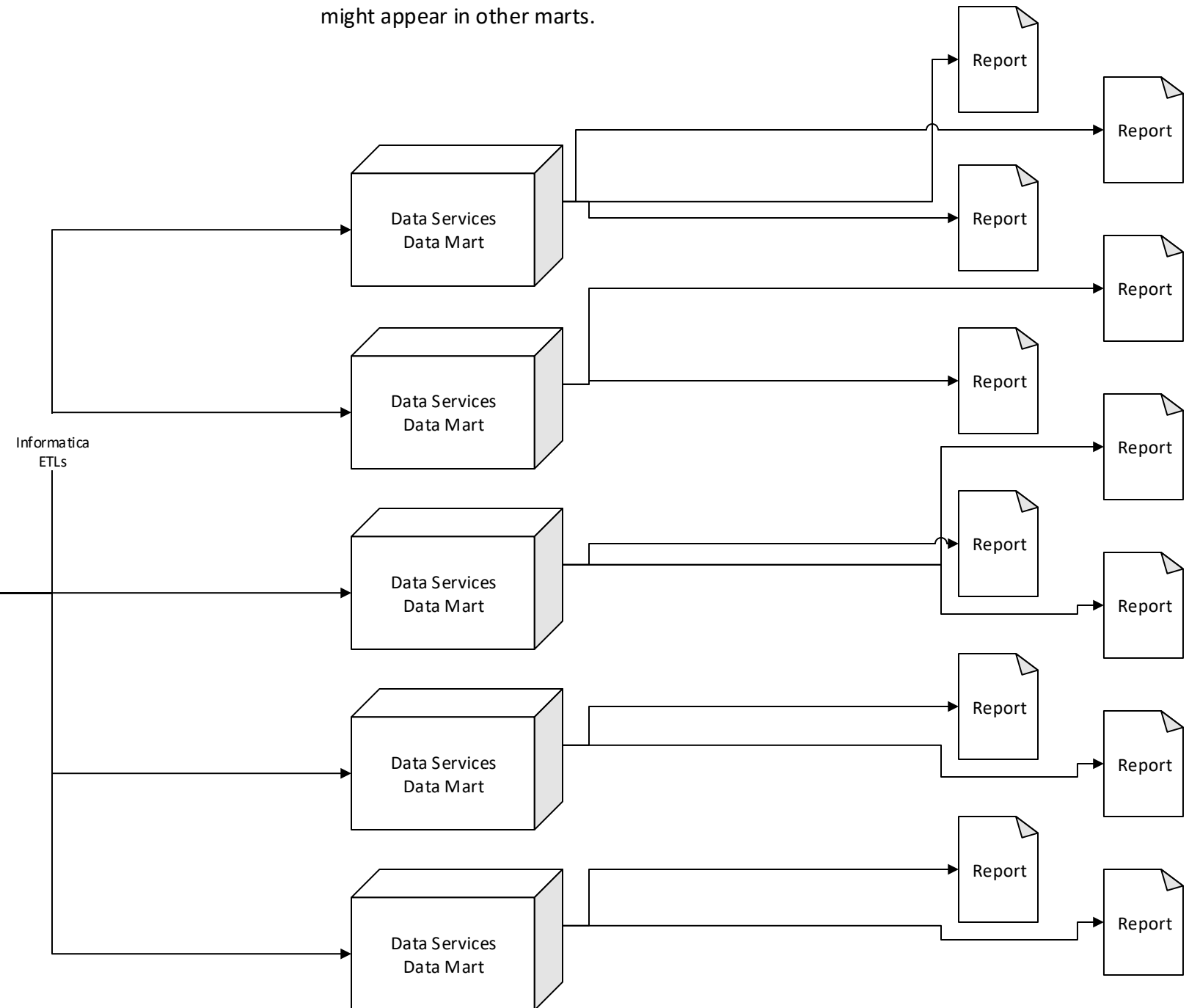Current list of Approved Sources (adding more over time)

Sources:
- Banner
- HSC-HR (Peoplesoft)
- Norman-HR (Peoplesoft)
- D2L (SQL Server)
- Canvas

Use Case-Defined Table Replication Via Boomi or Informatica

Data Repository

Replicated source tables, no translation or massaging. Does include loading metadata to streamline Mart creation

DATA REPOSITORY

Informatica ETLs

Data Marts
(Report Information)

Custom-built information hubs. Data can be translated, truncated, joined, aggregated, and calculated, then placed in an area where approved users have access. More or less robust versions of the same data might appear in other marts.

- Data Services Data Mart
- Data Services Data Mart
- Data Services Data Mart
- Data Services Data Mart
- Data Services Data Mart

Reports/Dashboards

Marts are built to provide information in a tool-agnostic way. The same mart might be used for reports in Cognos, PowerBI, SAS, Tableau, AWS QuickSight. The user and reporting tool do need access to the mart.

- Report
- Report
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