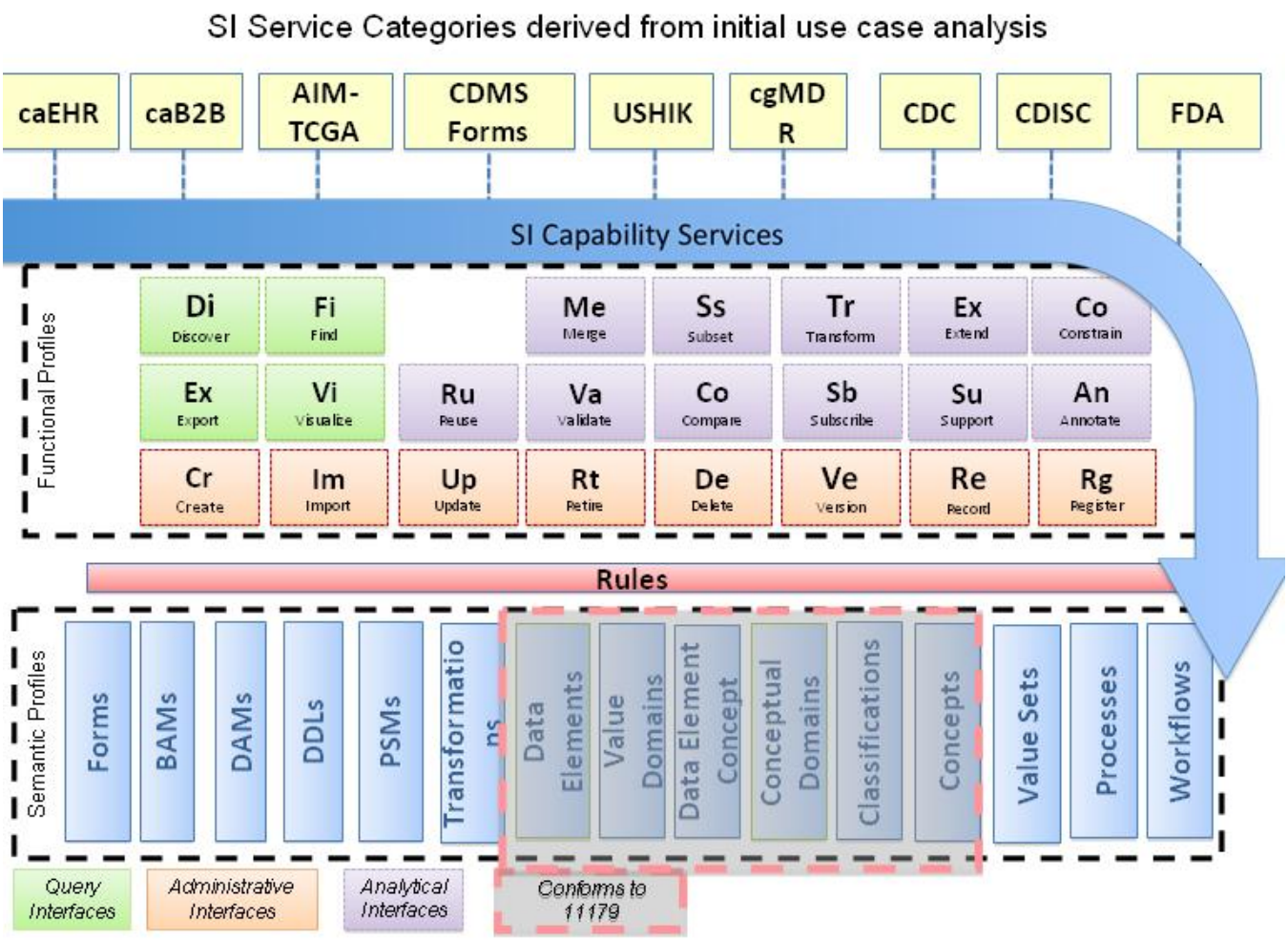
Semantic Infrastructure Services

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The periodic-style table for representing the "Semantic Infrastructure Software Service Categories Derived From Initial Use Case Analysis" was directly inspired by the BIG Health Enterprise Service Portfolio Periodic Table. One of the goals of the Semantic Infrastructure Requirements project was to produce deliverables for software engineering that could be used by the software architects to develop a solution architecture. This periodic table was determined to be the way to represent and synthesize potential business capability services of the Semantic Infrastructure and community, which are in turn the infrastructure services for scientific and clinical communities.

Legend
Light green cells represent query services Light purple cells represent analytical interfaces Light red cells represent administrative interfaces Light blue cells represent semantic profiles Light yellow cells represent administrative services

The Functional Profiles and Semantic Profiles comprise Semantic Infrastructure Capability Services.



The list below identifies the elements. Each is linked to a wiki page with information about that element.

Administrative Services

caEHR
caB2B
AIM-TCGA
Medidata Forms
USHIK
cgMDR
CDC
CDISC
FDA

Functional Profiles

Query Services

Discover
Find
Export
Visualize

Analytical Interfaces

Merge
Subset
Transform
Extend
Constrain
Reuse
Validate
Compare
Subscribe
Support
Annotate

Administrative Interfaces

Create
Import
Update
Retire
Delete
Version
Record
Register

Rules

Semantic Profiles

Forms
BAMs
DAMs
DDLs
PSMs
Transformations
Data Elements
Value Domains
Data Element Concepts
Conceptual Domains
Classifications
Concepts
Value Sets
Processes
Workflows