

Semantic Infrastructure Services

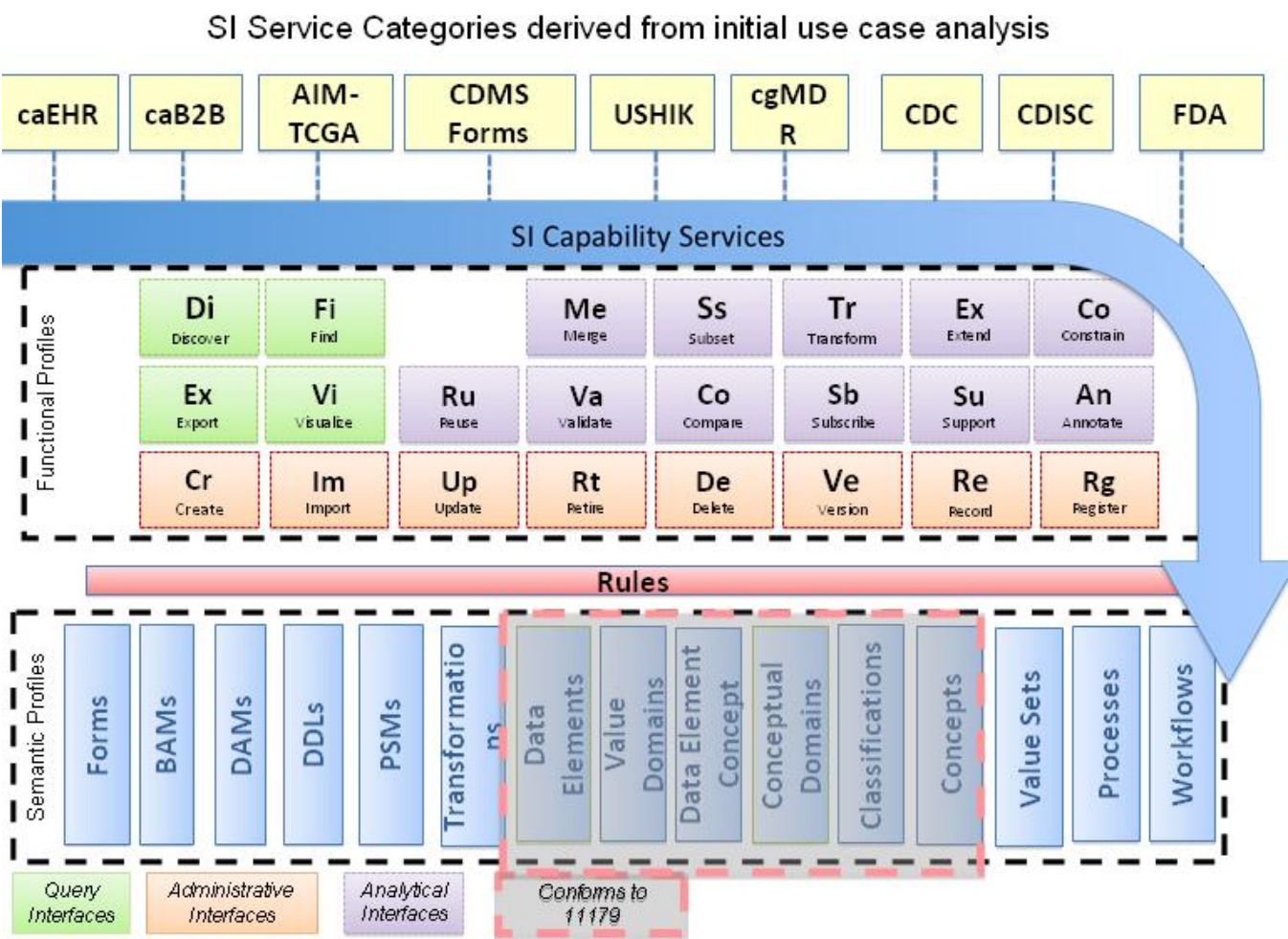
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The periodic-style table for representing the "Semantic Infrastructure Software Service Categories Derived From Initial Use Case Analysis" was directly inspired by the [BIG Health Enterprise Service Portfolio Periodic Table](#). One of the goals of 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](#)