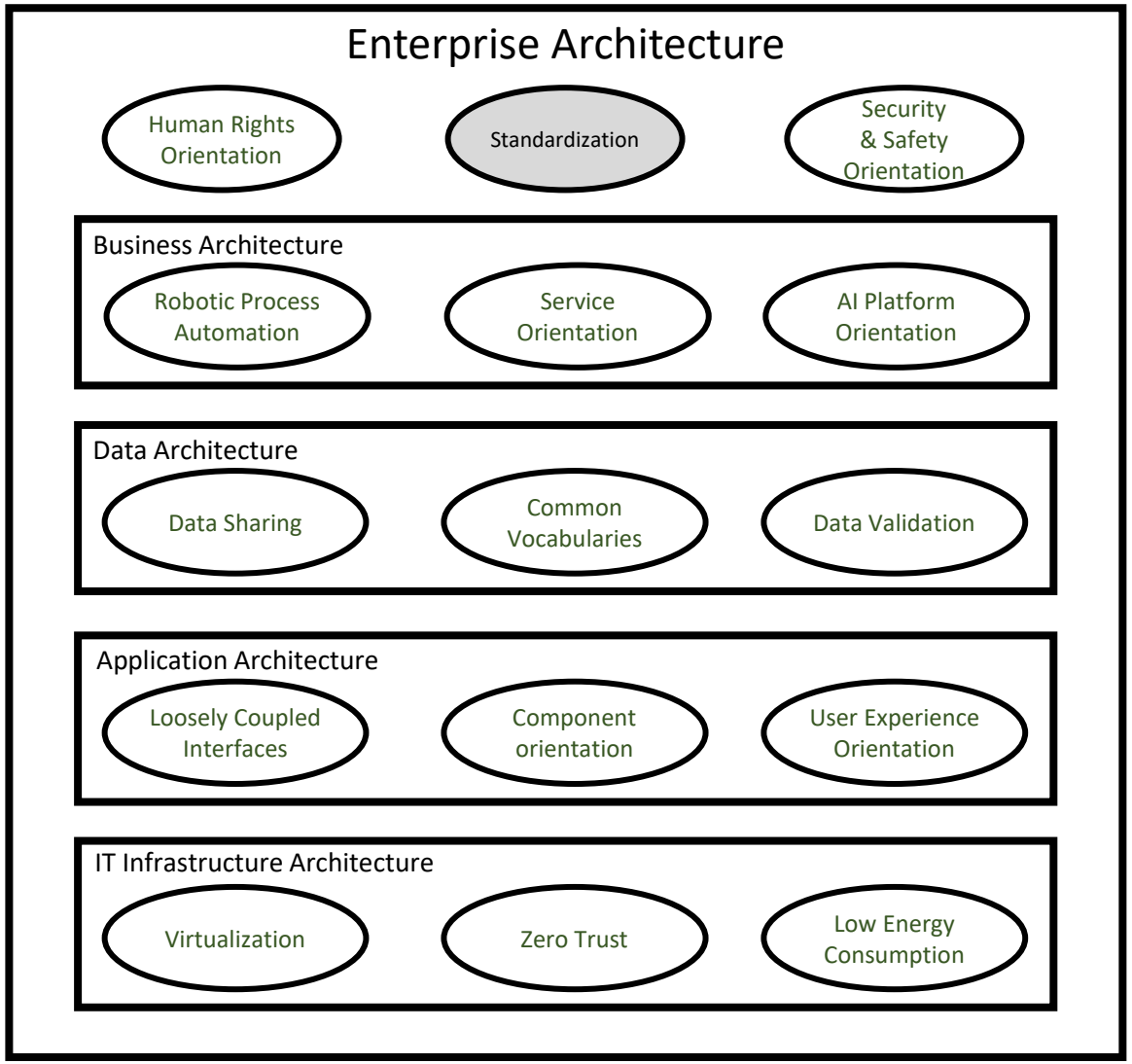
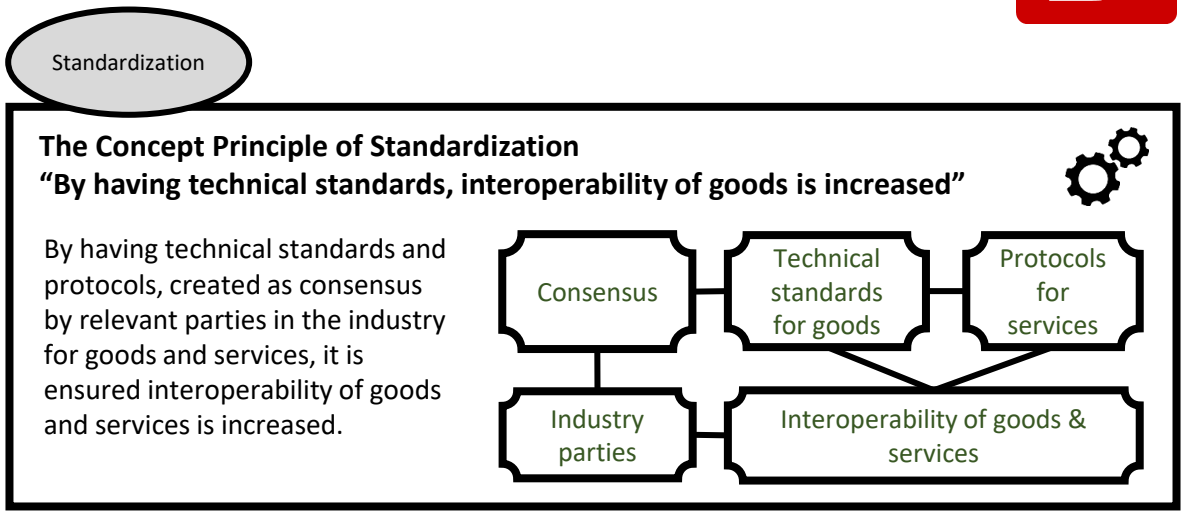
Architecture Principles in Context

Understanding All Principles as Working Mechanisms of Concepts



The figure above shows an example of an Enterprise Architecture with four common sub-architectures and commonly known concepts.



The figure above is a description (statement) and visualization of a principle.

Definitions

- An architecture is a coherent set of concepts, (to be) applied to a system or structure.
- A concept is an approach and an abstraction of an implementation (f.i. a chair, a bike, …).
- An architecture concept is a concept that is made part of an architecture.
- A principle is the enforced way a concept works, producing results. Any principle is a working mechanism, an inevitable consequence of something, a fundamental truth, a cause-effect relationship of something to happen. Concepts have many principles (that are discovered in time).
- An architecture principle is a principle of a concept that is part of an architecture.
- A principle statement names the elements of a concept that need to be in place at a certain maturity level and need to collaborate, in order to produce the predicted result.
- Per principle, general rules, guidelines and standards are identified to help design and implement solutions that make use of the principle.
- Realization of Business & IT strategy is helped by implementing its addressed concepts & principles.

Legend

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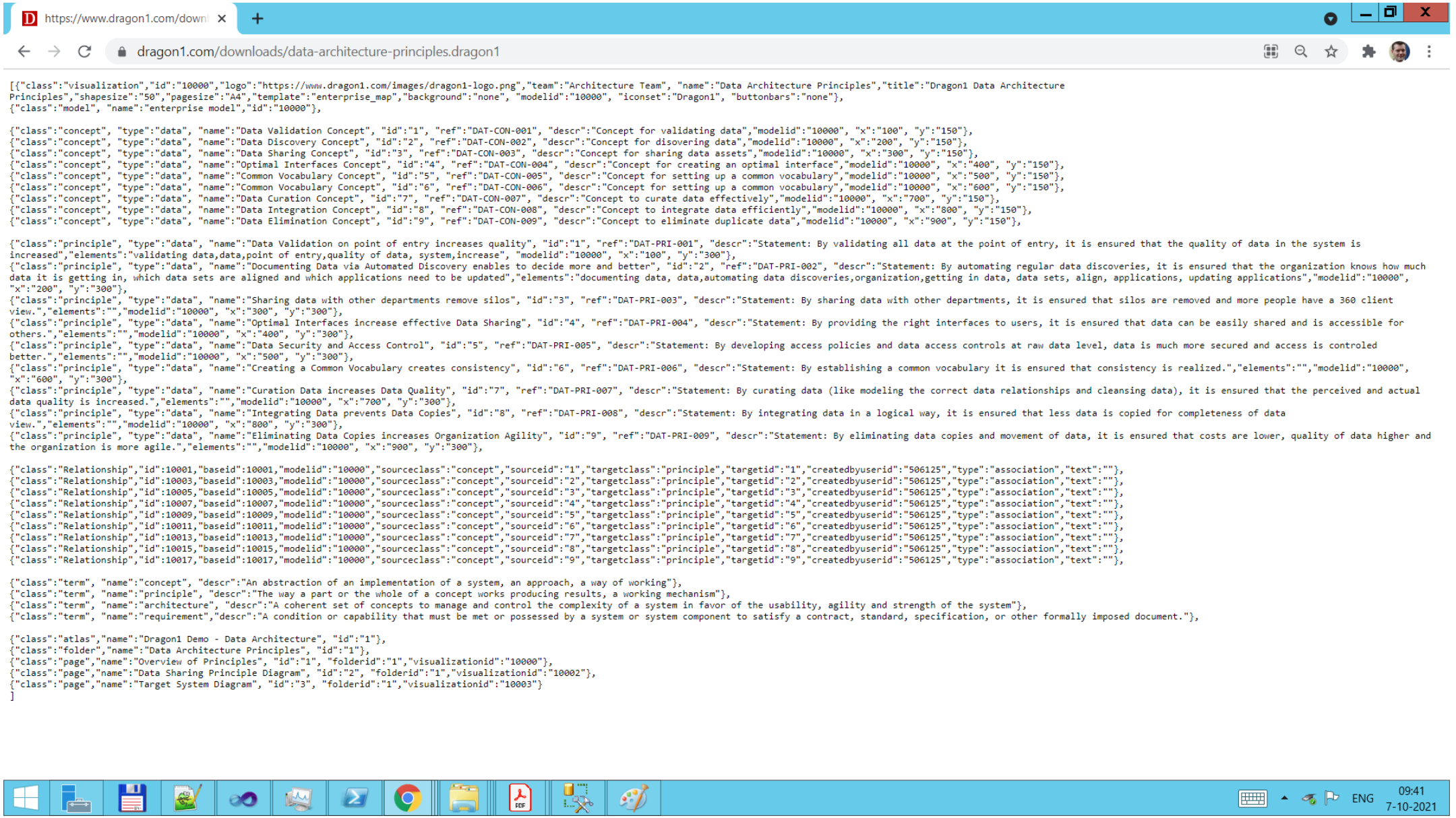
Architecture Principles in a .dragon1 File

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