

Introduction to Information Modeling in Jalapeno

Information Modeling: Jalapeno's View

■ Why Information?

Information is the currency of the digital revolution. 'Big Data' has been a buzzword for some time and data privacy is, and will be, a hot topic for a long time to come.

In the digital world data is the medium used to communicate and access to the right data at the right time is instrumental in the successful operation of any business.

Information is a key element in the Business Architecture of an organization. Understanding its purpose will ensure that overengineering is avoided and the right level of detail is captured.

■ Information in Business Architecture

Business Architecture spans a conceptual continuum covering areas such as Goals and Strategies which in isolation are often vague, through to artefacts such as system portfolios which are inherently specific and defined. Yet information plays a key role in defining how these elements will be measured and tracked for success.

There is little value in having parts of a strategy or operating model that is immeasurable.

■ Data models in Jalapeno

Jalapeno primarily focuses on information in through a conceptual lens, offering concept modeling as its main entry point into the world of data.

The concept model may be converted to a logical entity relation diagram but ERDs cannot be manually created or edited. This is due to Jalapeno's focus as a business language platform.

The ERD may be converted to an XSD schema. The schema may also be exported.

XSD Schemas can be imported into Jalapeno and converted into ERDs and ERDs converted into Concept models.

■ Use of Data in Jalapeno

In Jalapeno concepts and their properties

- Define OKR and KPI measures
- Are evolved through business processes
- Are the basis for business rules and decision logic
- Are a fundamental dimension that makes up a business capability.
- Provides the underlying structure of interactions (forms / messages)
- Forms part of the enterprise vocabulary

Information Modeling: the metamodel

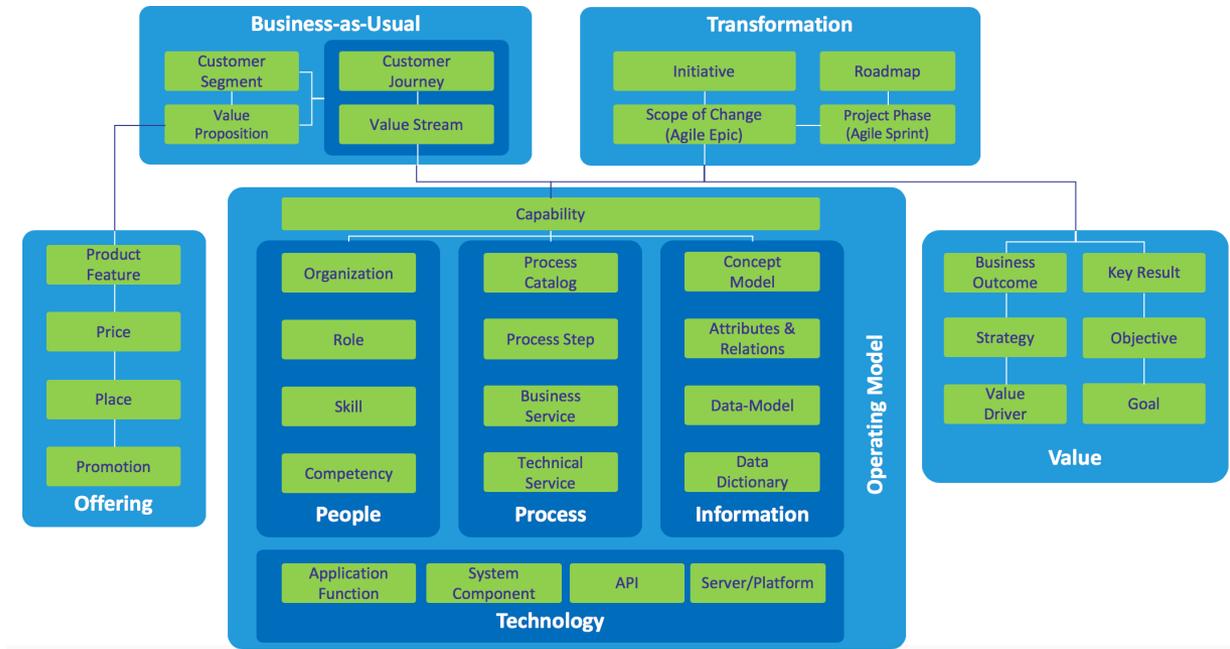
Business Operating Model Components

The diagram below depicts the parts of a business operating model and how they fit together.

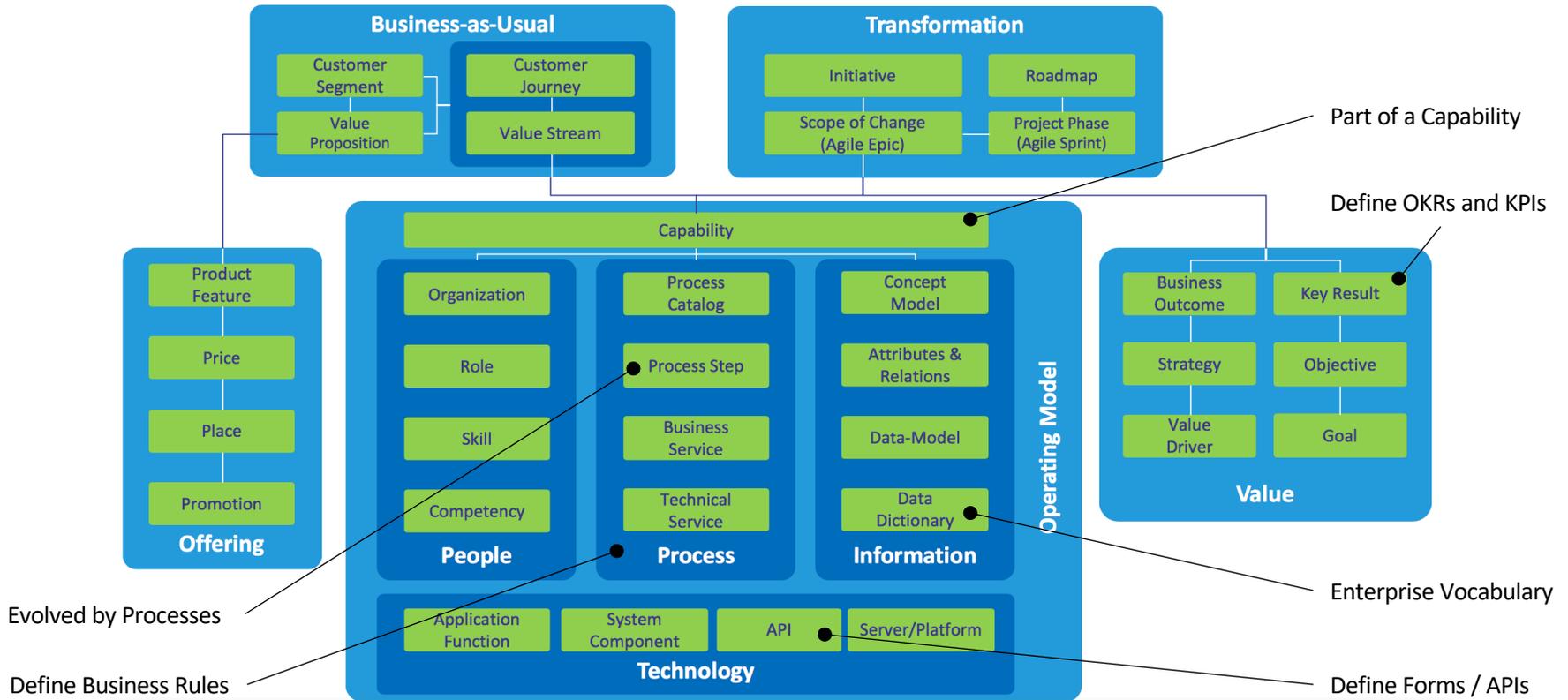
As a metamodel, many of the ideas depicted will be referenced many times from different areas of the model but this diagram depicts the logical place where each part lives.

Along the top there is a distinction between Business As Usual and Transformation. Both areas are equally as important within a business with BAU focused primarily on Offerings. Both areas need to drive value and are supported by the operating model. The foundation of the operating model are business capabilities which are comprised of people, process, information and technology.

As one of the four pillars of a business capabilities, information is a foundational aspect of any business architecture and operating model.



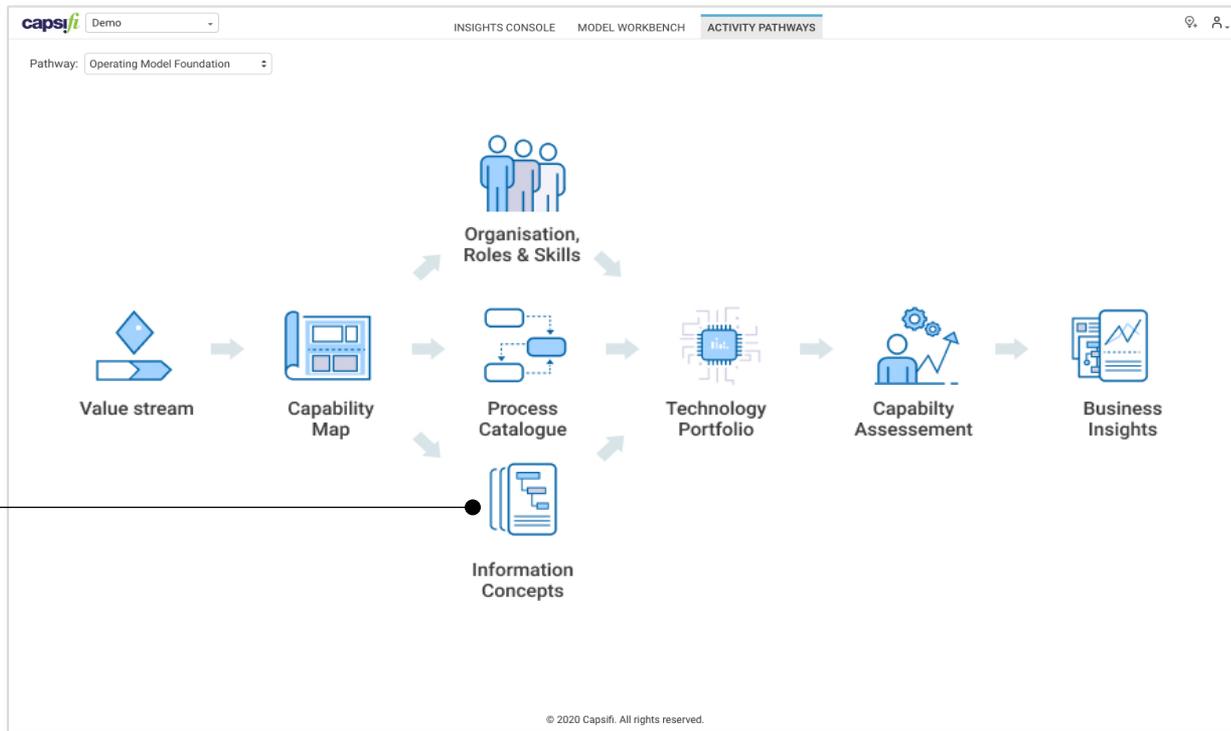
Information Modeling: the metamodel



Information in the Operating Model Pathway

Information as part of a business capability

Information concept modeling is primarily found within the Operating Model Pathway. Whilst the concept model can be modeled independently at any point, information concepts are aligned to business capabilities as an intrinsic part of the capability definition.



Information
concept
modeling

Information Modeling: Guidance Material



■ Jalapeno Guidance Material

Capsifi offers online Guidance Material for Jalapeno users to reference as they need.

www.capsifi.com/support/

How to Model Information Concepts

<https://www.capsifi.com/support/how-to-model-information-concepts/>

How to Use Property Inheritance

<https://www.capsifi.com/support/how-to-use-property-inheritance/>

How to Import Schemas

<https://www.capsifi.com/support/how-to-import-xsd/>