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Enterprise Architecture Profile (EAP)

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Data Architecture

(/models/data-architecture/class-diagrams.html)

Class diagrams (/models/data-architecture/class-diagrams.html)

The key purpose of the **class diagram** is to depict the relationships among the critical **data entities** (or classes) within the enterprise. This diagram is developed to clearly present these relationships and to help understand the lower-level data models for the enterprise.

> This diagram is at a high level of representation (conceptual). We are interested here in modeling the main business entities, their properties and relationships. The persistency model (typically for RDB) will be inferred

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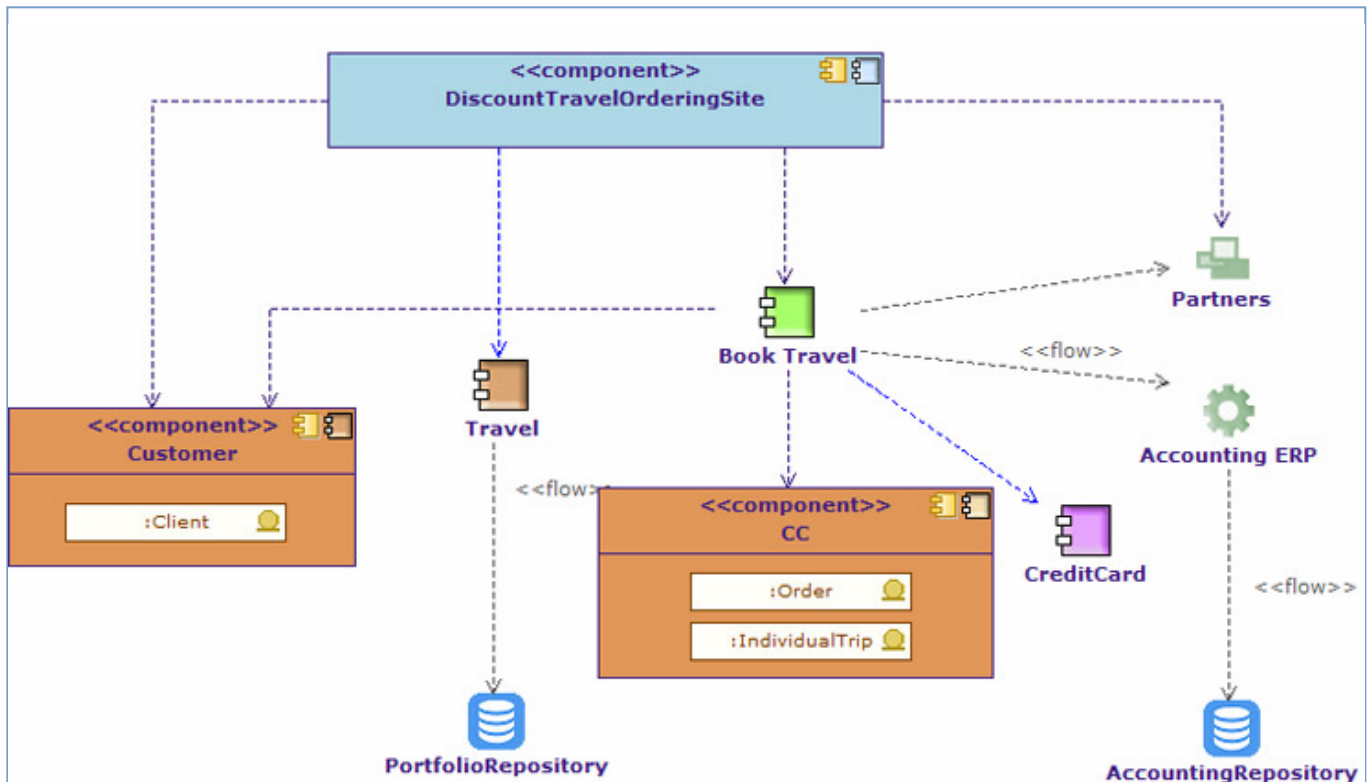
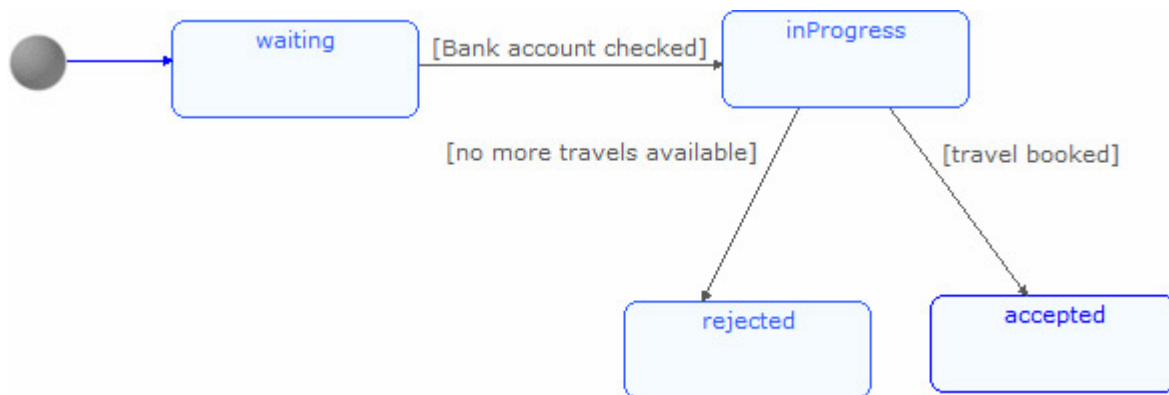(/models/data-architecture/data-dissemination-diagrams.html)

Data dissemination diagrams (/models/data-architecture/data-dissemination-diagrams.html)

The purpose of the **data dissemination diagram** is to show the relationship between **data entities**, **business services**, and **application components**. The diagram shows how the **logical entities** are to be physically realized by **application components**. This allows effective sizing to be carried out and the IT footprint to be refined. Moreover, by assigning business value to data, an indication of the business criticality of application components can be gained. Additionally, the diagram may show data

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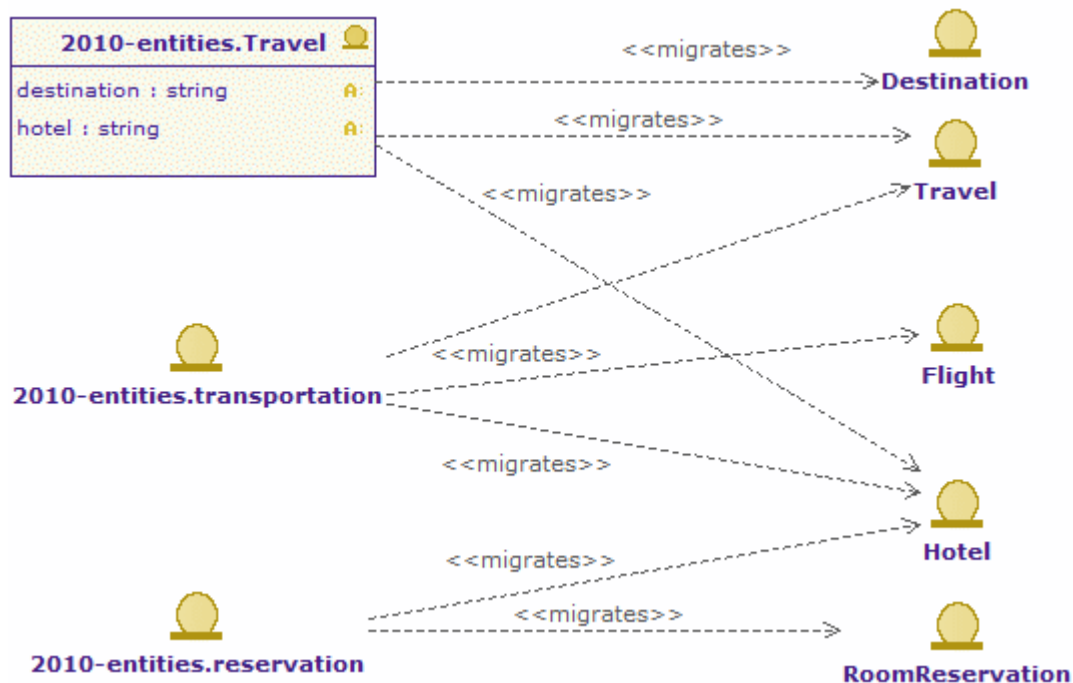
(/models/data-architecture/data-lifecycle-diagrams.html)

Data lifecycle diagrams (/models/data-architecture/data-lifecycle-diagrams.html)

The **data lifecycle diagram** is an essential part of managing **business data** throughout its lifecycle, from conception through disposal, within the constraints of the **business process**. The data is considered as an **entity** in its own right, detached from business processes and activities. Each change in state is represented in the diagram, which may include the event or rules that trigger that change in state. The separation of data from process allows common data requirements to be identified

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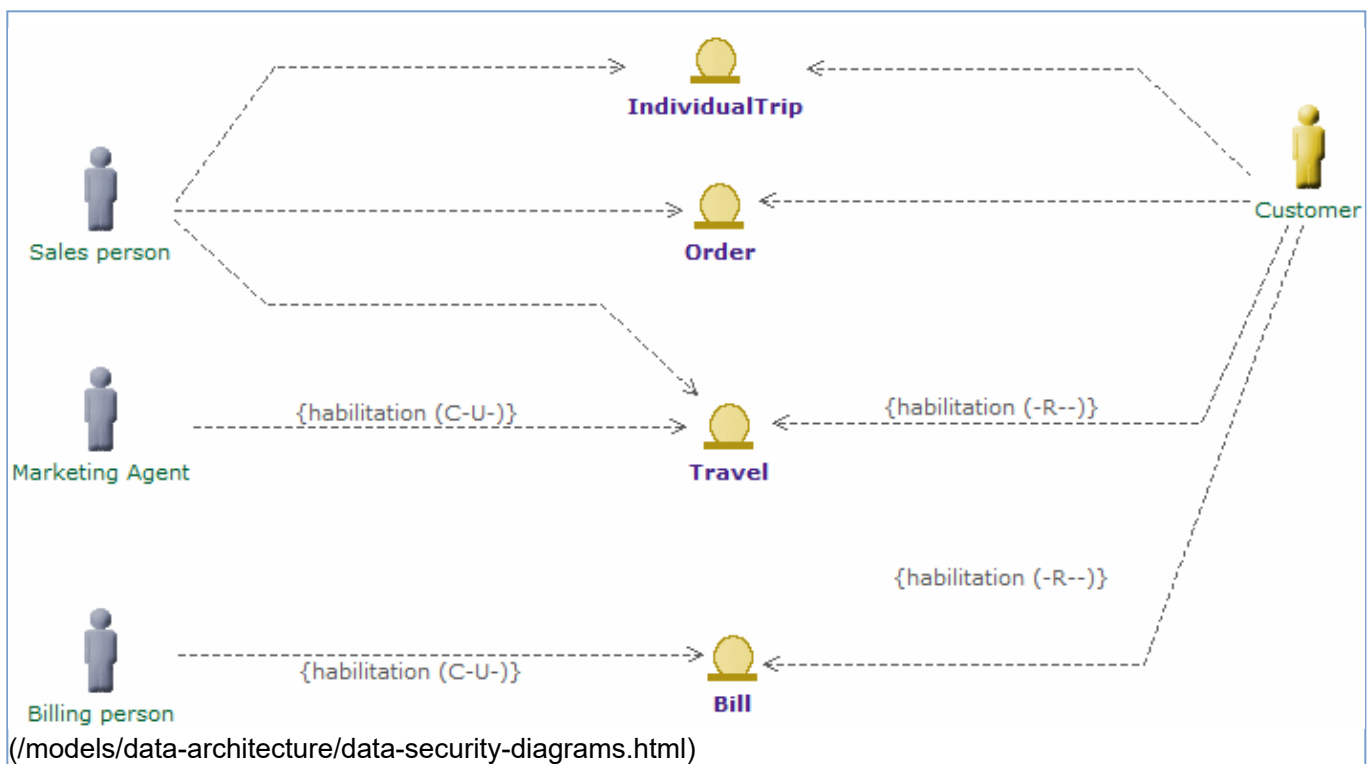

(/models/data-architecture/data-migration-diagrams.html)

Data migration diagrams (/models/data-architecture/data-migration-diagrams.html)

The purpose of the **data migration diagram** is to show the **flow of data** from the source to the target applications. The diagram will provide a visual representation of the spread of sources/targets and serve as a tool for data auditing and establishing traceability. This diagram can be elaborated or enhanced as detailed as necessary. For example, the diagram can contain just an overall layout of migration landscape or could go into individual application metadata element level of detail.

> Data

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(/models/data-architecture/data-security-diagrams.html)

Data security diagrams (/models/data-architecture/data-security-diagrams.html)

Data is considered as an asset to the enterprise and **data security** simply means ensuring that **enterprise data** is not compromised and that access to it is suitably controlled. The purpose of the **data security diagram** is to depict which actor (**person**, **organization**, or **system**) can access which enterprise data. This relationship can be shown in matrix form between two objects or can be shown as a mapping. The diagram can also be used to demonstrate compliance with data privacy laws and other

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prajakta sakpal

> Can some one plz let me know where can i get togaf template for lucid chart for solution ...
>
> **Read more... (/models/architecture-vision/solution-concept-diagrams.html#comment-749)**