



Forces & Drivers linked to Time

Based on best practice Enterprise Modelling & Architecture principles

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Introduction

Analyzing both external as well as internal forces and drivers is a complex endeavor, and finding out where it interlinks with multiple other components within the organization is even more difficult. In order to capture time related to external and/or internal forces and drivers, the Forces & Drivers linked to Time is built as a matrix. The matrix is a representation that shows the relationship of captured information between specific decomposed and/or composed timings and external and/or internal forces and drivers objects. The core idea of a Forces & Drivers linked to Time Matrix is that it typically consists of time aspects in a list of columns, and another aspect is a set of external and/or internal forces and drivers columns (taken from the map), while the third and final aspect being the cross product between the rows and the columns.

This allows for the Forces & Drivers linked to Time Matrix to relate (un)familiar objects to familiar objects in the different layers of an enterprise (composition discipline), usually in the form of a diagram, a table or a chart (e.g. rows and columns), thereby outlining direct (and possibly indirect) connection points between different kinds of objects while showing a common pattern of the objects and the relationship between them.

Forces & Drivers linked to Time

The Forces & Drivers linked to Time Matrix provides you with a detailed overview of the cross relationships between time and external or internal forces and drivers (each identified with a unique name and ID number) that has been identified through the Forces & Drivers Map, and then associated with the identified risks, organizational units, areas and groups, and service and process areas and groups.

How to use Forces & Drivers linked to Time

Identify, document and relate time to the external or internal forces and drivers (each identified with a unique name and ID number) that has been identified through the Forces & Drivers Map, and then associated with the identified risks, organizational units, areas and groups, and service and process areas and groups.

For example:

1. Time may specify the beginning, the end and the overall expected time consumption of external or internal forces and drivers, risks, organizational units, areas and groups, and service and process areas and groups.
2. Time may specify the beginning, the end and the overall expected time consumption for any single specific external or internal force or driver, risk, organizational unit, area and group, and service and process area and group.

| When | Forces & Drivers # | What | | | | | Where | | | |
|----------|--------------------|-----------------|-----------------|----------------|----------------|------|------------------------------|-----------------------|-----------------------|---------------------|
| | | External Driver | Internal Driver | External Force | Internal Force | Risk | Organizational Area or Group | Service Area or Group | Process Area or Group | Organizational Unit |
| Timing 1 | # | | | | | | | | | |
| Timing 2 | # | | | | | | | | | |
| Timing N | # | | | | | | | | | |

Table 1: Forces & Drivers linked to Time.

Please note that the objects we have listed here are the most typical components that are commonly used within a Forces & Drivers linked to Time Matrix, but there may be more (or fewer) relevant aspects that are used within your organization. If that is the case, feel free to either add new ones, or remove any objects that are not relevant, or are otherwise unimportant, for this particular matrix.

Also note that the objects might have a different name in your organization, so make sure to adapt the objects of this artefact so that it fits to the taxonomy of your organization.

The objects involved with Forces & Drivers linked to Time is shown in table 2.








| Objects used within Forces & Drivers linked to Time | | |
|---|--|--|
| Notation | Name | Description |
|  | Force | An external or internal factor that forces or pushes some aspect of an enterprise in a specific direction. |
|  | Driver | An external or internal factor that drives, establishes motivation for or influences the direction of an enterprise. |
|  | Risk | The combined impact of any conditions or events, including those caused by uncertainty, change, hazards or other factors that can affect the potential for achieving objectives. |
|  | Organization (units, areas and/or groups) | An arrangement or formation of resources that has a set of collective goals. |
|  | Business Service (service area and/or group) | The externally visible [logical] deed or effort performed to satisfy a need or to fulfill a demand that is meaningful to the [business] environment. |
|  | Business Process (process area and/or group) | A set of structured activities or tasks with logical behaviour that produce a specific service or product. |
|  | Time | A plan, schedule, arrangement or measure for when something should initiate, take place, be completed or the amount of time consumed. |

Table 2: Objects typically associated with Forces & Drivers linked to Time.

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