

Business Modeling

Modeling the Business Process

Modeling the business process is an essential part of any software development process. It enables the analyst to capture the broad outline and procedures that govern what it is a business does.

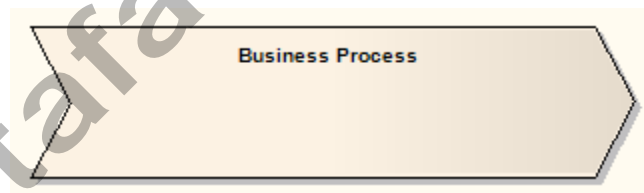
A business process model defines the following elements:

- The goal or reason for the process
- Specific inputs
- Specific outputs
- Resources consumed
- Activities that are performed in some order, and
- Events that drive the process.

Process Modeling Notation

Business process

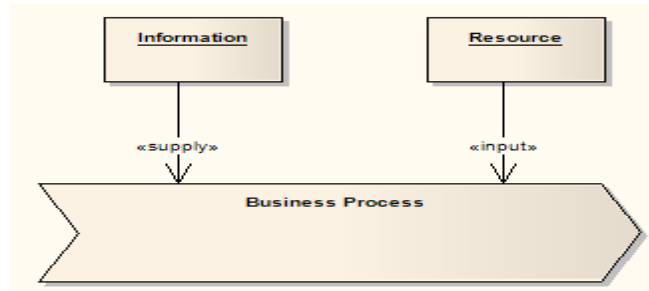
A business process is a collection of activities designed to produce a specific output for a particular customer or market.



Inputs, Resources and Information

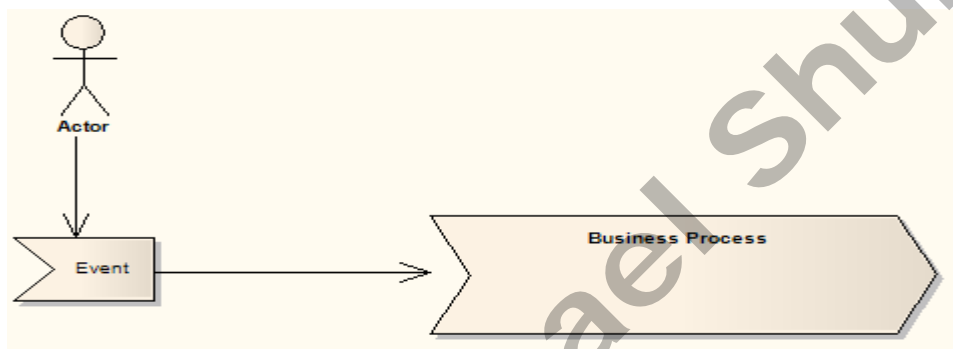
Business processes use information to complete their activities.

Information, unlike resources, is not consumed in the process; rather it is used as part of the transformation process. A resource is an input to a business process and, unlike information, is typically consumed during the processing.



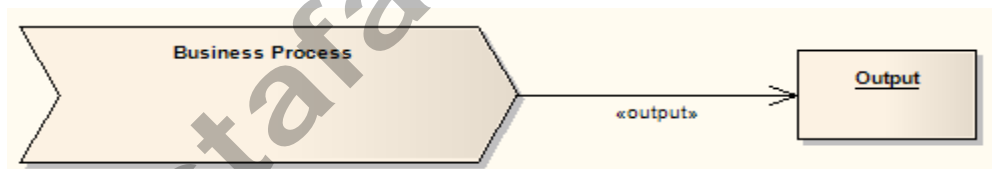
Events

An event is the receipt of some object, a time or date reached, a notification or some other trigger that initiates the business process.



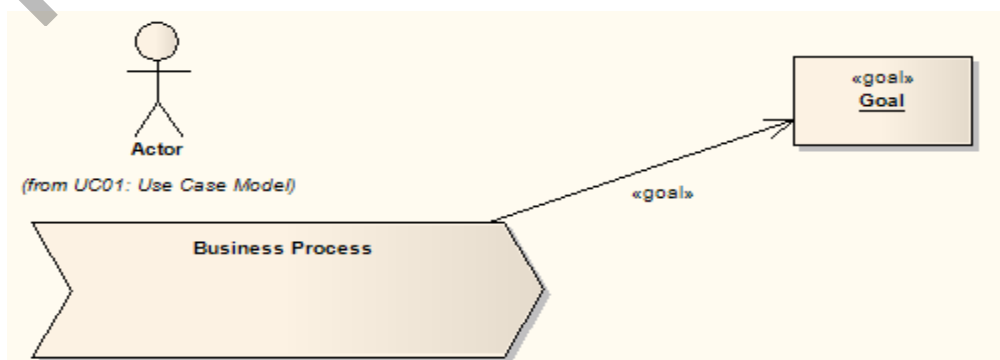
Outputs

A business process typically produces one or more outputs of value to the business, either for internal use or to satisfy external requirements.

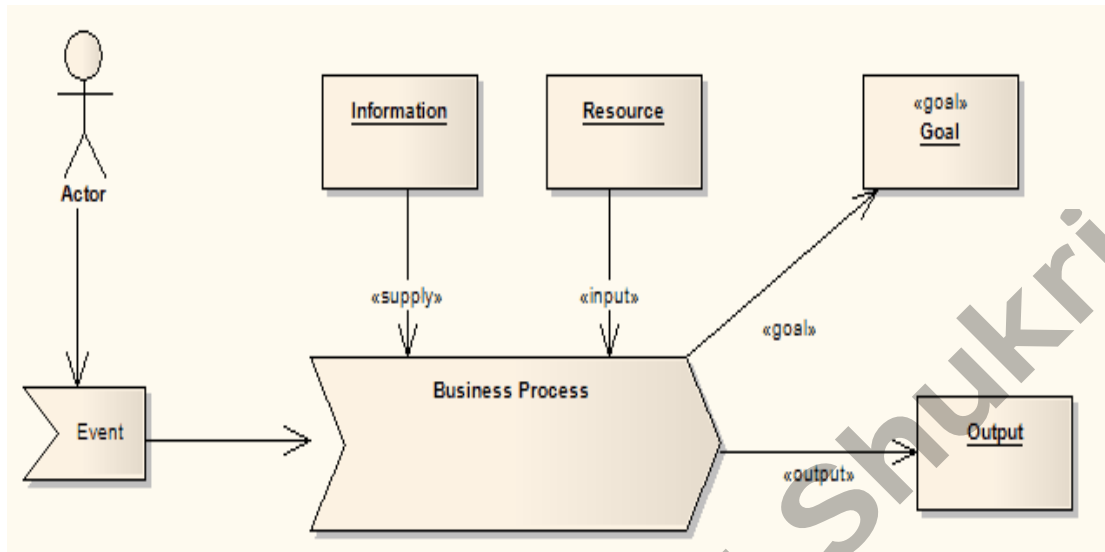


Goals

A business process has some well-defined goal.



A Complete Business Process



Business Process Model Template

The Business Process Model describes both the behavior and the information flows within an organization or system. As a model of business activity, it captures the significant events, inputs, resources, processing and outputs associated with relevant business processes.

