

Process Introduction

Enterprise and Business Process Modelling Barbara Re

































































Establishing Process Thinking in Organizations

- Establish BPM Team
- Describe Process Architecture
- Define Process Performance Measures
- Discover and Model Processes
- Analyze, Redesign, Implement and Monitor Processes
- Make Use of Process-Aware Information Systems







Stakeholders in the BPM Lifecycle

Management Team:

- Chief Executive Officer (CEO) responsible for overall business success.
- Chief Operations Officer (COO) responsible for defining the way operations are set up, sometimes Chief Process
 Officer (CPO) or Chief Process and Innovation Officer (CPIO).
- Chief Information Officer (CIO) responsible for operation of information system infrastructure.
- Chief Financial Officer (CFO) responsible for overall financial performance of the company.
- Human Resources (HR) director plays key role in processes that involve many process participants.

Process Owners:

- Process owner is responsible for efficient and effective operation of a given process, including
- Planning and organizing, i.e. defining performance measures and objectives as well as initiating and leading improvement projects.
- Monitoring, i.e. ensuring that performance objectives are met, and taking corrective actions.
- Process owner is involved in process modeling, analysis, redesign, implementation, and monitoring.

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Stakeholders in the BPM Lifecycle

Process Participants:

- Perform activities of business process on day-to-day basis.
 Conduct routine work according to the standards and
- guidelines of the company.
- Coordinated by process owner, who is responsible for nonroutine aspects of process.
- Involved as domain experts during process discovery and process analysis.
- Support redesign activities and implementation.

Process Analysts:

- Conduct process identification, discovery, analysis, and redesign.
- Coordinate implementation and monitoring.
- Report to management and process owners
- Have business or IT background.

Process Methodologist:

- Provides advice on methods, techniques and software tools.
- Coordinates technical training.
- System Engineers:
 - Translate requirements into system design
 - Responsible for implementation, testing and deployment.

BPM Group (also BPM Center of Excellence):

- Responsible for preserving project knowledge and documentation.
- Maintain process architecture.
- Prioritize process redesign projects.
- Align the BPM efforts with strategic goals.
- Most common in large organizations with several years of BPM experience.

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Degree of Repetition

Highly Ripetitive

- It refers to high ripetitive business process
- Investment in modelling and supporting the automatic enactment of these processes pay off, beacuse many process instance can benefit from the investment

Low Ripetitive

- Business Process are not fully automated and have a collaborative character, so that the effort in providing automated solutions is not required, which lowers the cost
- Collaboration between the person involved in modelling and enactment is not only efficiency

Degre	e of Structu	uring		UNICAM Università di Carrentos 1336
 High level of s Process r executio PRODUC and high 	structuring model prescribes the activities n constraints in a complete fas TION WORKFLOW – are well ly repetitive	and their hion structure	 Low level of structuring Case handling is an approach that supports knowledge workers performing business process with a low level of structuring and, consequently, a high level of flexibility 	
	Structured Process	Case	Ad hoc process	
	Structured Process Structured process flow	Case Process flow can partly be structured	Ad hoc process Process flow cannot be structured	
	Structured Process Structured process flow Activities can be defined	Case Process flow can partly be structured Activities can partly be	Ad hoc process Process flow cannot be structured Activities can partly be	
	Structured Process Structured process flow Activities can be defined in advance Many repetitive elements	Case Process flow can partly be structured Activities can partly be defined in advance Some repetitive elements	Ad hoc process Process flow cannot be structured Activities can partly be defined in advance Marginal portion of repetitive elements	
	Structured Process Structured process flow Activities can be defined in advance Many repetitive elements No degrees of freedom for people with respect to process flow	Case Process flow can partly be structured Activities can partly be defined in advance Some repetitive elements Degrees of freedom for people with respect to process flow	Ad hoc process Process flow cannot be structured Activities can partly be defined in advance Marginal portion of repetitive elements Very high degrees of freedom for people with respect to process flow	