

A framework for monitoring and evaluation of learning processes

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Introduction

- Basic principles and advantages of using business processes in course design
- Medusy project
- Enhanced model of a course on Environmentalistic

Course as a process

- Definition of a process
- Comparison of a process and a course
- Inputs and outputs
- Predictable behaviour

Processes in the e-learning

- Comprehensive learning environment
- Principles of Business Process Management
- Higher efficiency and quality of education
- Direct and non-direct effects of learning processes

Medusy project

- Multi-purpose EDUcation SYstem
- Process-centric approach
- Prototype of process based e-learning application
- Tool for learning process modeling
- Foundation of a pattern repository
- Integration of monitoring and evaluation tools

Using patterns in a course modeling

- Capture best practices from the educational area
- Creating whole course by choosing patterns
- BPMN model behind every pattern

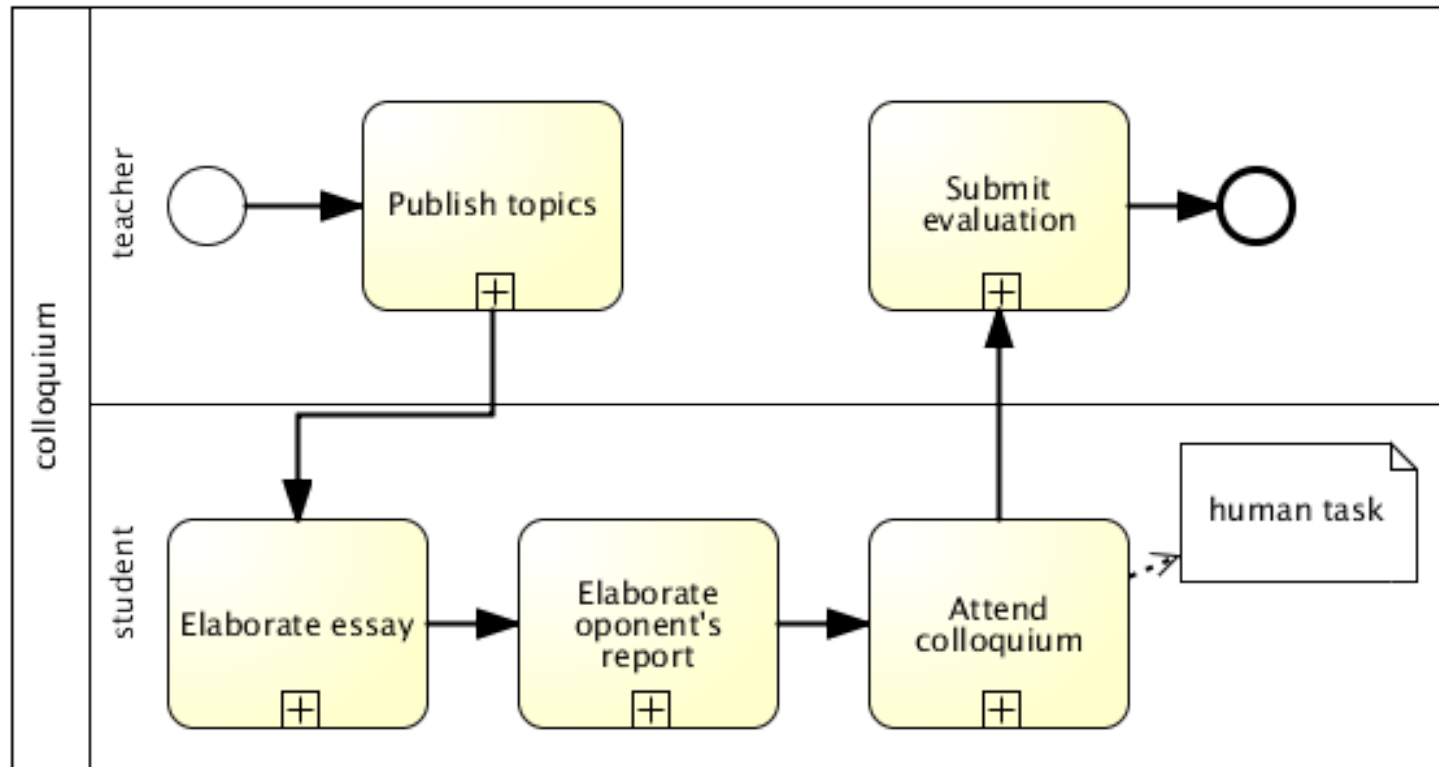
Environmental courses

- Two environmental courses taught at Faculty of informatics
- Enhanced model of courses with e-learning and interactive elements
- Creating a learning plan with patterns

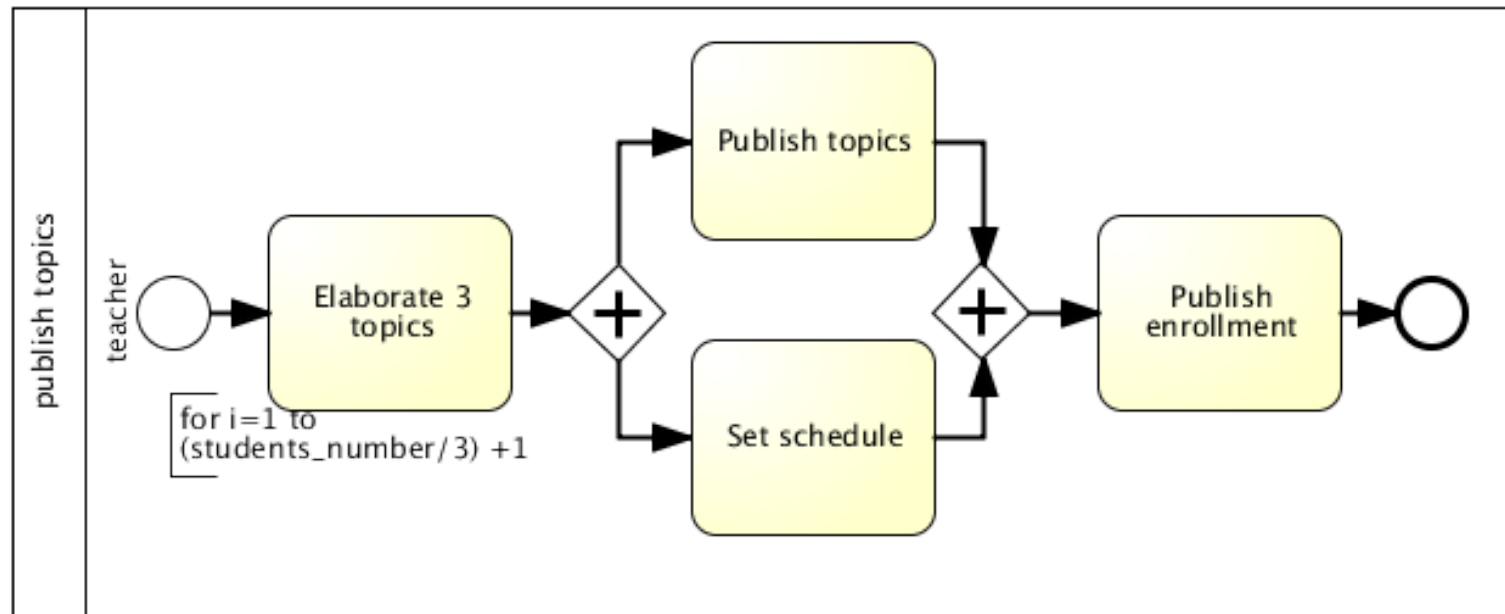
Examples of models

- Enhanced concept of final Colloquium
- Subprocess of publishing topics

Colloquium



Publish topics



Conclusion and future work

- Pattern repository
- Monitoring and evaluation tools
- Enhanced education of Environmental at Faculty of informatics

Questions?

Thank you for your attention!