



LiquidBooks

Collaborative reuse and sharing of multifaceted content

Fabio Casati, Maurizio Marchese, **Cristian Parra**
Luca Cernuzzi
Ralf Gerstner

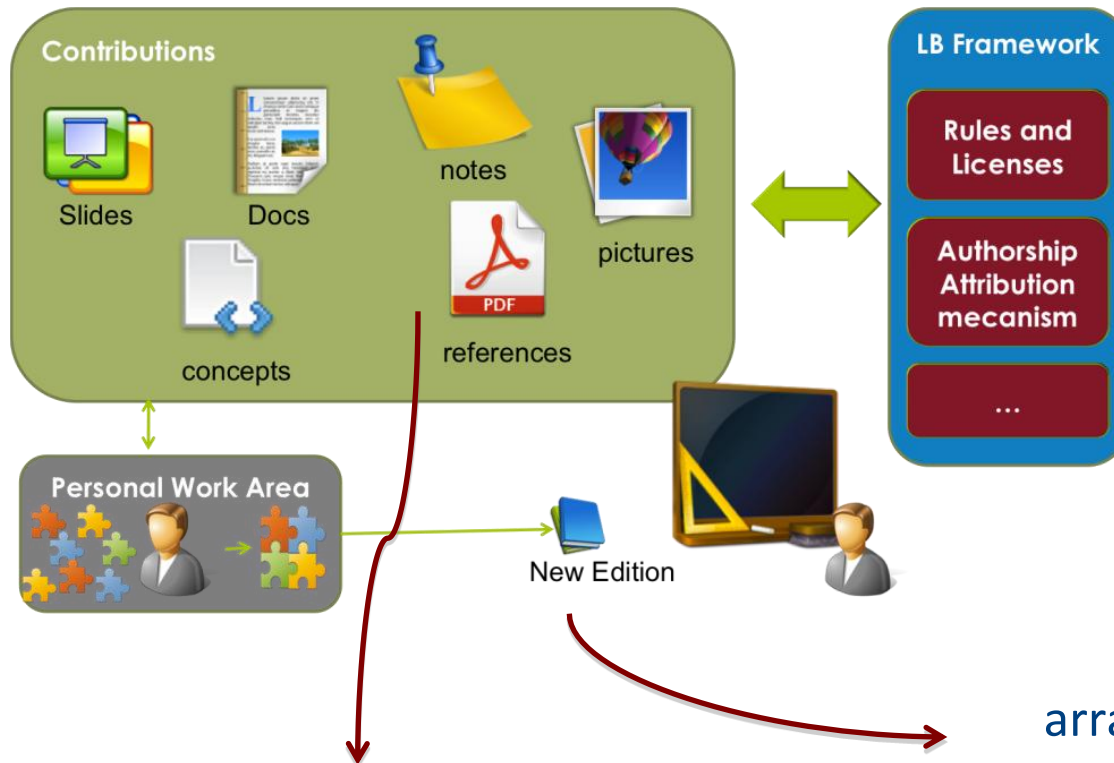
Università degli studi di Trento, Italia
Universidad Católica, Asunción, Paraguay.
Springer-Verlag, Heidelberg, Germany.

Outline

- LiquidBook (LB) in a Nutshell
- LB Pilot
 - A LB on Service-Oriented Business Process Management
- Lessons learned and open issues

LB in a nutshell

LB are **collaborative, evolutionary, multi-faceted** versions of the traditional books, characterized by

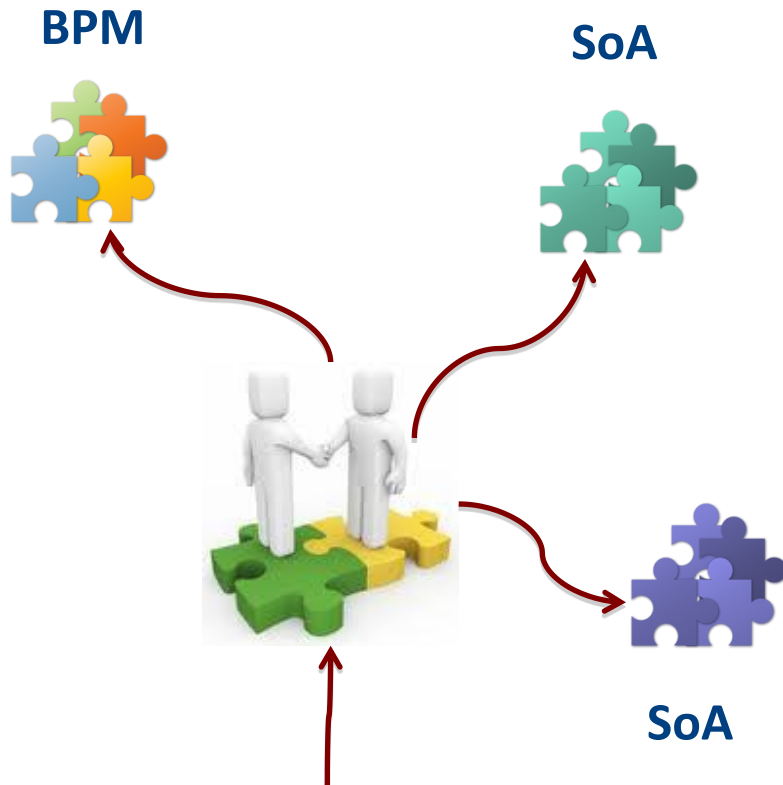


a **contract** defines the **licensing/re-use policies** for content, processes for attributing royalties **among contributors, editors and a publisher**

content provided by **contributors**

content is structured arranged/commented in **editions**, prepared by **editors**

LB Pilot: a Textbook



Focus on:
Methodological/Contractual
Use existing IT

Service-Oriented Business Process Management

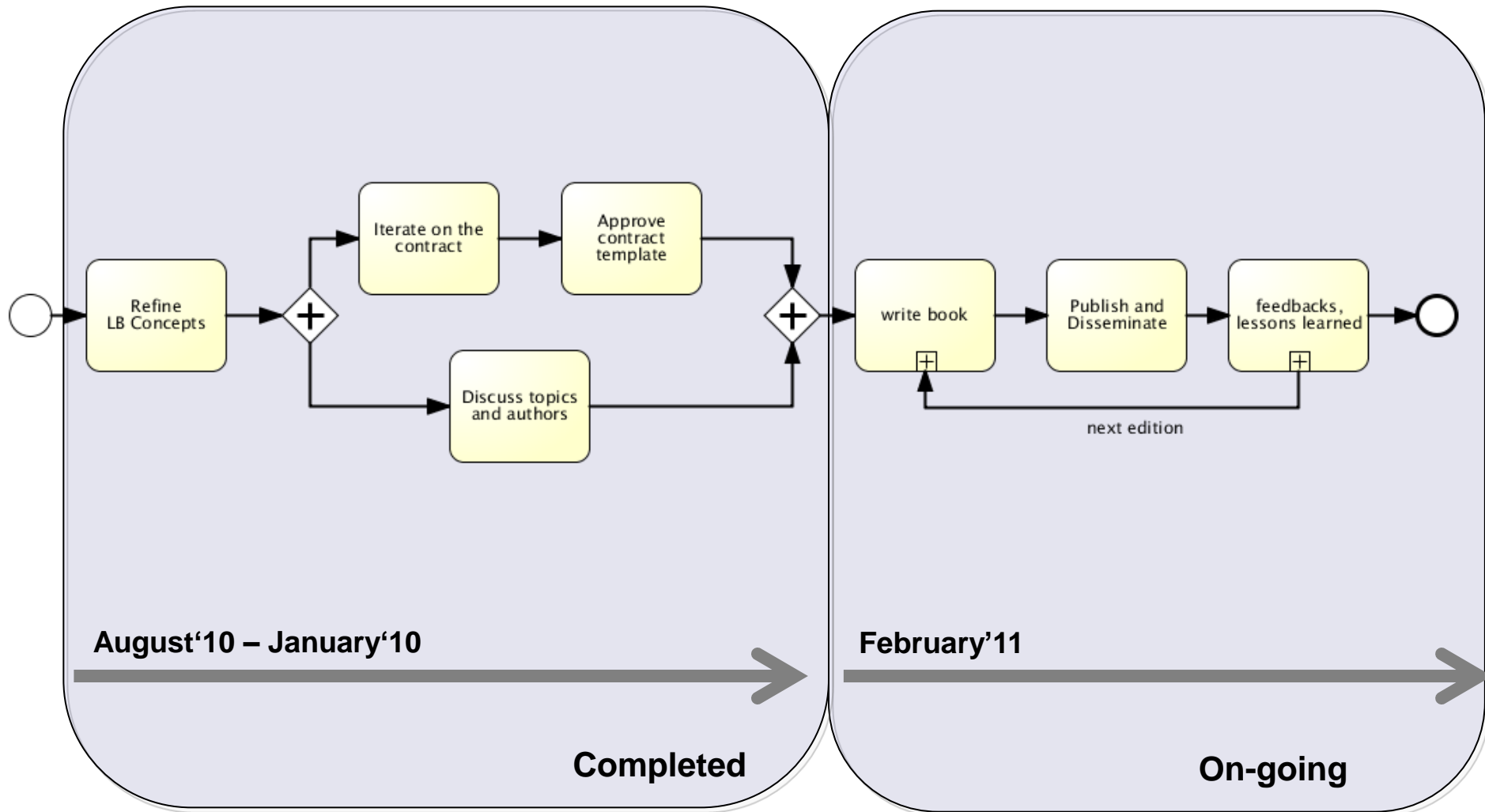
Lecturers (7)

F. Casati, A. Mussi, M. Dumas, M. La Rosa
M. Marchese
B. Benatallah, H. Paik

Institutions (4)

University of Trento, University of
Tartu, UNSW, Queensland
University of Technology

LB Pilot Life-Cycle Macro Process



Content Creation and Management

- Existing light IT infrastructure



- Starting from existing material in contributor's PCs and evolving



- Live experimentation on current classes (Fabio, Marlon)
- Tracking requirements and ideas
 - Shared graphical style
 - Record flow of presentation

Fabio Casati and Alejandro Mussi
with contributions from Marlon Dumas and Marcello La Rosa

Business Process Management

Understanding, Modeling, Improvement, and Automation

May 10, 2011

Springer

Example: BPM version

Intro <= *mostly taken from Marlon Dumas, text modified*

BPM basics and BPMN <= casati and mussi, with minor input from Dumas and La Rosa

Process Elicitation <= casati

Process Automation <= taken from Benatallah and Paik, with major cuts as automation is only a small part of the BPM course in trento

Example

Chapter 1 **Introduction**

Credits: This part has been taken from Marlon Dumas and adapted to this edition

Credits: Written by Fabio Casati with editing by Marlon Dumas and Marcello La Rosa. Exercises in in this chapter courtesy of Marcello La Rosa

LB Related Platform

StreamScience

Login with:   Facebook

STREAMSCIENCE

StreamScience lets teachers share streams, recording, slides and teaching materials with students and lets students ask questions on the class. It can be used both as a support to live classes as well as a tool for remote attendance. It synchs up with google calendar and google groups to facilitate class scheduling and interaction.

You have the option of requesting, as an additional service, the transformation of your streams, recordings, and slides into a textbook that is prepared for you and on which the community can provide feedback to help you improve it. To get started, simply create a new course with the link below.



Courses ongoing upcoming finished

ICT Summer School at Maputo Living Lab
Maputo, Mozambique

Laboratory of Service Design and Engineering
Trento, Italy

Lectures lecture lab

8 November 2011 **SOAP and WSDL Standard Language**
part of the Laboratory of Service Design and Engineering course
Location AI07

1 November 2011 **Intro to Software Project Management**
part of the ICT Summer School at Maputo Living Lab course

Pilot Results

- **Contract guidelines** accepted by Springer and Authors that captures the need of both
- **Publication processes** re-worked by Springer to cope with LB personalization requirements
- An **experience report** with lessons learned
- A **master book+edition(s)** forthcoming

Lesson Learned – Author Issues

- Authors need to trust each other
- Authors need to collaborate closely
- Authors need to designate responsibilities clearly
- Authors need to commit for a long time
- Authors care a lot for reputation

Lesson Learned – Contractual Issues

- Addition/Retirement of Authors
- Copyright with Respect to Re-Use
- Lifecycle / Update Process
- Rights and Duties of Editors vs Authors
- Distribution of Royalties

Lesson Learned – Production Issues

- Production needs to be fast
- Production schedules need to be reliable
- Changes have to be incorporated flexibly
- E-Products are especially suitable for Liquid Books

Lesson Learned – IT Issues

- Monitoring of authorship
- Collaborative authoring environment
- Integration of content in different media

Lesson Learned – Open Issues

- Integration of manuscript creation into production process
- Integration of manuscript and additional material
- Lifetime of product and long-term commitment of authors
- Business model
- Quality expectations and actual usage

Conclusions

- The LB project is not finished yet
- The current LiquidBook is only a first step, more will follow
- The LiquidBook is not THE new publication model, but ONE MORE publication model

Thanks for your attention



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