SPMS Development and Support

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SPMS Development

- Need to distribute the development of the SPMS
  - SPMS Core
  - SPMS Registration
  - SPMS Hotel Handling
  - Better support (time to dedicate to the SPMS)
- Need for ticketing system (users/developers)
- Need for versioning control (developers/developers)

Enter SourceForge.net

- Open web facility for Open Source projects
- It's open, it's free
- Plenty of tools
  - File repository for code distribution
  - Ticketing system for bug tracking
  - Concurrent Versioning Support systems

SPMS sorceforge project

- We'll use it for:
  - Ticketing
  - Code management
  - SPMS distribution

Bug tracking

Tracker: Registration bugs

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ID	Summary	Status	Opened	Assignee	Submitter	Resolution	Priority
Assignee: Any ▼ Status: Any ▼ Category: Any ▼ Group: Any ▼				Submitter: [ ] Keyword: [ ]		Artifact ID: [ ]	
[Filter] [Reset] Permalink							
3091860	Registration manager cannot manage field groups etc.	Open	2010-10-21	arenamatt 🔧	t4nec0 🔧	None	7
3057405	Deletion of page do not delete associated payment codes	Open	2010-09-01	t4nec0 🔧	t4nec0 🔧	None	2
3053251	Cannot delete one's registration (processed)	Open	2010-08-25	t4nec0 🔧	t4nec0 🔧	None	5
3052196	Miscellaneous fees do not work	Open	2010-08-24	t4nec0 🔧	t4nec0 🔧	None	3

- SPMS Users will submit artifacts of feature requests
- Artifacts will be assigned to developers
- Email notifications
- History always available

Who can submit

- Anyone that has a SourceForge account
- Creating a SF.net account is free and quick
- Developers have full power managing the artifacts
- Feature requests managed this way as well

Code management

- SF.net will host the SPMS code for development
- Stable versions will be distributed in the "Files" section
- a Concurrent Versioning Control System will be used for
  - SPMS core
  - SPMS modules
  - Upload/Download scripts
  - JPSP scripts

What can Versioning Control Systems do?

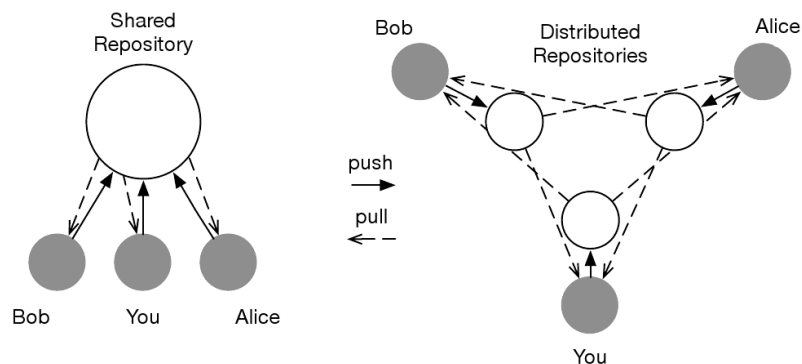Help managing all the phases of code development
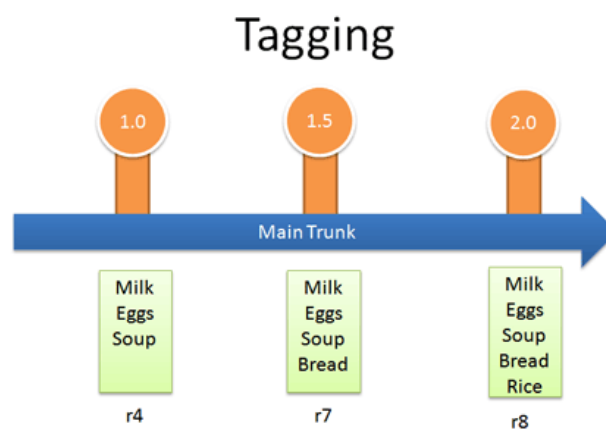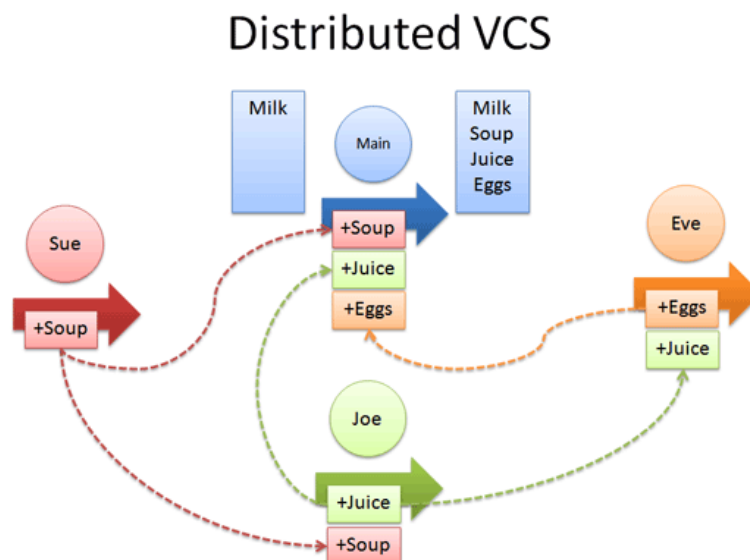
Versioning Control Systems

- Once upon a time there were...
  - RCS
  - CVS
- Then came SVN...
- ...and then GIT, Mercurial, ...
- We'll use GIT for the SPMS

Why GIT?

- It's a DISTRIBUTED VCS
- It's fast
- Works well off-line
- Easier branching and merging

DVCS differences

Current development at Elettra

- Registration module
  - Bug fixing

- Better reg. admin experience
- Better User experience
- User interface
  - Enhanced graphs (HTML5)
  - Navigation menus
  - HTML templates and themes

A screenshot
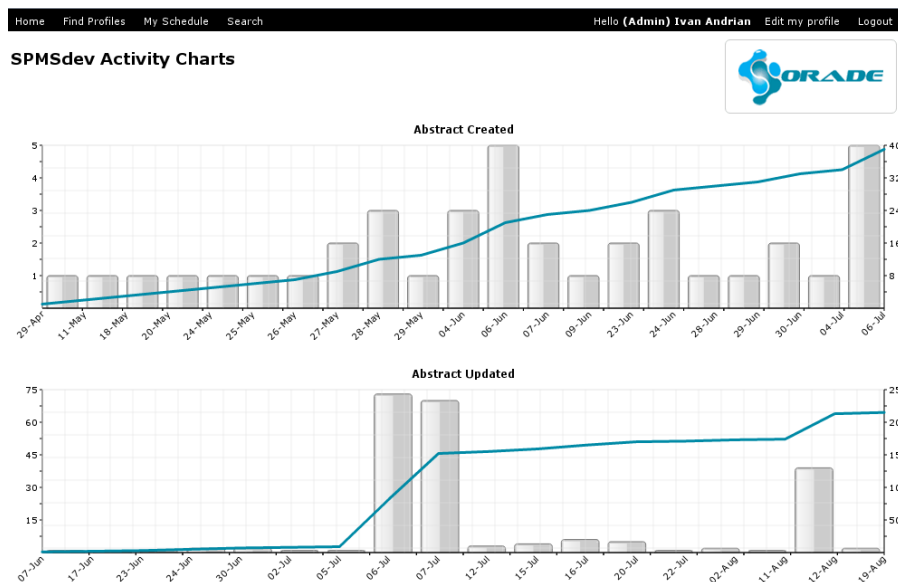
Conclusions

- New tools for better SPMS development and support
- More developers now, but still not enough
- Anybody willing to join?
  (Don't be shy)
- Trackers will help with bugs and feature request

Thanks

JACoW pre-Team Meeting 2010 summary

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Repatriation

- Process to get some valuable data back from conference instances to repository
    - History of past conferences
    - Statistics
    - Future conference management (SPC...)
- Procedure not really followed
- We need to explicitly encourage repatriation
- Better documentation for editors

Contribution proposer

- Oral proposed by SPC
- "Template" contributions are created by the SPC
- Authors then will hinerit this contributions
- Need better explicit handling of this "role"

Hot topics

- Default settings for new instances are not "ideal" or consistent
    - After conferences, update those settings in the repository
- Need for procedure for new feature requests and development
    - SourceForge will help but still human will and agreement is necessary
- What to do with conference instances after publication?
    - Truncate some data?
    - Keep DADs for future reference?
    - Extract INSPIRE information!
    - Archive DB?

INDICO

- Need for a **repository integration** (profiles)
- Need development
  - New INDICO authentication module against JACoW repository
  - Protect access of JACoW conferences at "event level"
  - ... we don't want anybody to authenticate against CERN SSO and then apply for JACoW events
- Do **not** have a "local copy" of the profiles
  - Cache only (some) data of registered people (main authors, presenters, ...)
  - Co-authors data will not be cached

INDICO

- Profiles are only copied initially, NOT synchronised
- e-mailing from JACoW-based INDICO instances won't be possible
  - The repository administrator will back up
- Need for a formal agreement by Conference Chairs
  - Not to abuse of the cached profiles data and repository access
  - as now for SPMS-based conferences
- Expect good news in the coming months!

INSPIRES - development areas

- Metadata level
  - XML file not always published on JACoW site
  - Enforce this procedure
  - Add report number in TeX bibliography format
- Profiles level
  - Better association of authors would be nice
  - Add ability to query the JACoW repository for authors-paper pairs from INSPIRE
  - Add person ID to the XML export for INSPIRE purposes
  - In the SPMS profile page link to INSPIRE author/papers search
- Technical level
  - INSPIRE developed "technical toys" that could be used by JACoW (Plot extractor, ...)

Thanks