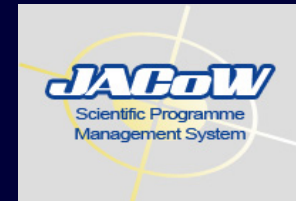


SPMS Regional Support Centre Activities in Europe and JACoW Website

Ronny Billen



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JACoW Website Administrator
Regional Support Center - Europe



JACoW Developer's Pre-TM at SINAP, 12-13 November 2011

Outline

➤ General Reminder

- ❖ What are the Support Activities of the RSC-Europe

➤ SPMS related Activities

- ❖ SPMS Instantiations since the Team Meeting at BNL in Nov-2010
- ❖ Incidents and Problems
- ❖ Current SPMS Instances of Past Conferences

➤ SPMS Issues for discussion

Issue for discussion, decision required



➤ SPMS Regional Manager

- ❖ Setup SPMS database instances for each conference, hosted by the Regional Support Centre – Europe (RSC-E)
- ❖ RSC-NA and RSC-Asia use a unique bridging account to the central repository since 2010, for all their hosted conferences
- ❖ Provide technical support for SPMS questions, issues and problems
- ❖ Interact and communicate with other SPMS DBAs at RSCs

➤ JACoW Webmaster

- ❖ Receive, Check and Publish Conference Proceedings on JACoW
- ❖ Limited JACoW website maintenance
- ❖ Provide technical support for website questions, issues and problems
- ❖ Maintain the domain name, arrange payment

➤ Miscellaneous

- ❖ Keeper of the software and license keys for Enfocus PitStop and Adobe Acrobat

SPMS Support: Instantiations since Nov-2010

Deployment Date	Conference	Start Version	Patched to	In Sync.	SPMS hosting
21-Feb-2011	ERL-2011		8.9.2	✓	RSC Asia
23-Feb-2011	COOL-2011	8.7.11	8.9.2	✓	RSC Europe
28-Feb-2011	BIW-2012		8.9.2	✓	RSC North-America
28-Feb-2011	FLS-2012		8.9.2	✓	RSC North-America
12-Apr-2011	FEL-2011		8.9.2	✓	RSC Asia -> RSC North-America
19-May-2011	IPAC-2013	8.8	8.9.2	✓	RSC Europe
04-Jul-2011	ICAP-2012	8.8	8.9.2	✓	RSC Europe
13-Sep-2011	ICALEPCS-2013		8.9.2	✓	RSC North-America
19-Oct-2011	HB-2012		8.9.2	✓	RSC Asia
01-Nov-2011	RuPAC-2012	8.9	8.9.2	✓	RSC Europe
02-Nov-2011	IBIC-2013	8.9.3		✓	RSC Europe
03-Nov-2011	ECRIS-2012		8.9.2	✓	RSC Asia
04-Nov-2011	HIAT-2012		8.9.2	✓	RSC North-America
14-Nov-2011	IBIC-2012		8.9.2		RSC Asia

RSC Europe

hosted at CERN

managed by Ronny Billen

RSC North-America

hosted at FNAL

managed by Matt Arena

RSC Asia

hosted at KEK

managed by Takashi Kosuge

SPMS Instantiation Summary

- 14 SPMS instances created
 - ❖ 5 SPMS instances with data repository and web access tools hosted at the Regional Support Center Europe
 - ❖ 5 SPMS instances having the conference repository and web-server hosted at the Regional Support Center North America
 - ❖ 4 SPMS instances having the conference repository and web-server hosted at the Regional Support Center Asia
- The SPMS was stable
 - ❖ Adiabatic evolution of production releases
 - SPMS 8.7.11 ⇒ 8.8 ⇒ 8.9 ⇒ 8.9.2 (8.9.3)
 - ❖ All instances were transparently upgraded by Matt to current version
- Collaboration between Regional Support Centers
 - ❖ Worked very well despite the time differences!
 - ❖ No major hiccups

SPMS Incidents and Problems

- **Synchronization problem FEL2010**
 - ❖ Data integrity problem (privilege linked to person without user_id)
 - ❖ Manual intervention required, root cause not understood
- **Synchronization problem PAC2011**
 - ❖ Profile created in ICALEPCS2011 never reached PAC2011
 - ❖ Manual intervention required, root cause not understood
- **Synchronization problem ICALEPCS2011**
 - ❖ New affiliation request pending, while valid in central repository
 - ❖ Manual intervention required, root cause not understood
- **Empty e-mail message IPAC2011**
 - ❖ Two known incidents for single recipient in bulk e-mail

Current SPMS Instances of *Past* Conferences

@RSC-Europe	Sync / Patched	End-date	Published
EPAC-2004	✗ / ✗	9-Jul-2004	✓
EPAC-2006	✗ / ✗	30-Jun-2006	✓
ICAP-2006	✗ / ✗	6-Oct-2006	✓
APAC-2007	✗ / ✓	2-Feb-2007	✓
Nanobeam-2008	✗ / ✓	30-May-2008	✗
EPAC-2008	✗ / ✓	27-Jun-2008	✓
FEL-2008	✗ / ✓	29-Aug-2008	✓
PCaPAC-2008	✗ / ✓	23-Oct-2008	✓
XRF-2008	✗ / ✓	3-Dec-2008	✗
DIPAC-2009	✗ / ✓	27-May-2009	✓
FEL-2009	✗ / ✓	28-Aug-2009	✓
SRF-2009	✗ / ✓	25-Sep-2009	✓
ECRIS-2010	✓ / ✓	26-Aug-2010	✓
FEL-2010	✓ / ✓	27-Aug-2010	✓
HB-2010	✓ / ✓	1-Oct-2010	✓
RuPAC-2010	✓ / ✓	1-Oct-2010	✓
DIPAC-2011	✓ / ✓	18-May-2011	✗
IPAC-2011	✓ / ✓	28-May-2011	✓
COOL-2011	✓ / ✓	16-Sep-2011	✗
ICALEPCS-2011	✓ / ✓	15-Oct-2011	✗

@RSC-NA	End-date	Published
PAC-2007	29-Jun-2007	✓
BIW-2008	4-May-2008	✓
ECRIS-2008	18-Sep-2008	✓
Linac-2008	3-Oct-2008	✓
PAC-2009	8-May-2009	✓
ICAP-2009	4-Sep-2009	✓
BIW-2010	1-May-2010	✓
PCaPAC2010	1-Oct-2010	✓
PAC-2011	1-Apr-2011	✓
FEL-2011	26-Aug-2011	✗

@RSC-Asia	End-date	Published
COOL-2009	4-Sep-2009	✓
Icalepcs-2009	17-Oct-2009	✓
IPAC-2009	28-May-2010	✓
Cyclotron2010	10-Sep-2010	✗
Linac-2010	17-Sep-2010	✓
ERL-2011	21-Oct-2011	✗



SPMS Issues for discussion

➤ SPMS functionality

- ❖ Still evolving, is the right procedure in place (SourceForge) ?

➤ Image URLs

- ❖ Existing images hosted at CERN web server (default configuration)
- ❖ New images: Conference logo, purple dot
- ❖ https at CERN => mixed content problem at remote RSCs
- ❖ Ideally to be hosted at RSC (dynamic configuration?)

➤ Single bridge account

- ❖ Used by RSC-NA/RSC-A -> seems to be appropriate?

➤ Repatriation procedure

- ❖ Developed by Matt -> allows retiring of SPMS instances
- ❖ Procedure to be documented with respect to web access, synchronization, patching, repatriation, data deletion

➤ Providing systematically index information to Inspire/Spires

- ❖ Not done since a long time