

Belle II Collaborative Services @DESY

Thomas Kuhr

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Wiki

Challenges:

- A lot of content already exists
- It is used in production
 - Content is frequently changed
 - We cannot have long downtimes
- Concerns: loss of content, disturbance of work

Successful migration requires:

- ✓ Good plan
- ✓ Close collaboration between DESY and Belle II

A lot of work has been done by DESY already

- Effort and motivation greatly appreciated by Belle II

Wiki

- My concern: Changes in twiki and confluence
- ➔ Merging changes is a nightmare → high risk of data loss

How to avoid such situations?

- 1) Make twiki page read-only → Markus Prim
- 2) Do conversion and make confluence page read-only → DESY
- 3) Check that all content was converted → Belle II
- 4) If not fix it → DESY (b2-wiki-support@belle2.org)
- 5) If yes make confluence page editable → Belle II
- 6) Fixes of style and links can be done later → DESY or Belle II

Wiki

Conversion options?

UWC tool

- Hard to use
- Conversion not perfect, but probably systematic errors
- Can be used to convert many pages in short time
- Have to understand its limitations to see whether it can be part of the migration plan → Bastian?

Manual conversion

- A lot of work, slow
- Conversion not perfect, can be improved, human errors
- Must be part of the migration plan at least to fix issues with the automatic conversion

Wiki

Migration plan options

- Do conversion of everything at once
 - Do conversion in chunks (webs)
 - Do conversion page by page on demand
- We must agree on an option

Wiki

How to deal with already converted pages?

- Have to prevent changes to confluence page before approval of conversion → read-only
- Have to know which twiki version was converted
 - × Date → not reliable if conversion and twiki changes at the same time, time zone confusion can easily happen
 - ✓ twiki page revision
- ➔ Bookkeeping of conversion required
- Information: confluence link, twiki link, twiki revision
 - Option 1: table (in confluence, git, google docs, ...)
 - Option 2: on twiki page
 - Option 3: on confluence page

Action items (before migration):

- Study conversion tool and report how it could be used → Bastian
- Assign person who can check and approve conversion for each page → Belle II
- Provide instructions how to check pages → DESY
- Provide instructions how to fix conversion issues → DESY
- Provide bookkeeping of already converted pages and make them read-only (if we want to keep them) → DESY
- Agree on a migration plan (option and date) → DESY + Belle II

User Registration

- Number of registered Belle II members?
- Trend, e.g. number of registrations last week?
- Fraction of paper based registrations?
- Documentation of procedure ok?
- Do we have to remind people to register?

Member Database

- Unsolved problem
- Mailing list to discuss content created
 - No progress
 - ➔ Need a person to push this?
- Identity and Access Management (IAM) @ DESY by end of this year
 - ➔ Present (plan for) tool to Belle II to see whether it fits its needs?

Web Pages

- Done!

Issue Tracker

- Mail on May 12th:
“to follow up on the issue tracker migration, is there anybody who is capable and willing to transfer the content from redmine to jira?”
- No reply in three weeks → no expert available
- Stay with redmine → TK
- (Migration to jira can still be done later if somebody volunteers for that task)

Code Repository

- Git support team discussed the migration yesterday
- Tasks assigned
- Plan to be ready for migration end of this month
- Git experts are welcome to join the git-support@belle2.org mailing list to help Belle II colleagues with the transition

Buildbot

- Basic setup already running
- Some adjustments still to be done
- 32bit machine maybe not needed any more
- Modification for git required
- Downtime of few weeks acceptable
- TK will take care of the migration

- A migration to bamboo can be considered later
 - Expert needed
 - Conversion of many scripts
 - License issues

Mailing Lists

- Sympa server at DESY running and used
- Migration of test mail not done yet?
 - What are the issues?
- Have to test migration of production mailing list (software) as soon as possible
- Plan for migration of all sympa lists
- Plan for migration of all fml lists

Indico

- Indico instance at DESY exists (and can be used in principle)
- Belle II user management an open issue
- Download speed for large files much lower than for CERN
- Migration of old content considered
 - Progress?

Invenio

- Status?
- Plan?