

# **Twiki and Subversion Repository for Belle-II**

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Computing Session

Belle II General Meeting

07.07.2009

# Wiki

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- ✓ Wiki: Documentation that can be edited by everybody
- ✓ Share responsibility for documentation by all people
- ✓ Successfully used at many experiments and institutes
- **Public wiki:**  
<http://wiki.kek.jp/display/sbelle/SuperBelle+Wiki+Home>
  - World readable and writable
- **Belle-II internal wiki:**  
<http://b2comp.kek.jp/~twiki/bin/view>
  - Protected by password
  - User name: *belle2*
  - Password: same as on official Belle-II page

# Belle II Internal Wiki

The screenshot shows the Belle II Internal Wiki interface. On the left is a sidebar with navigation links: Main, Main Web, and Webs. The main content area displays a welcome message and an introduction to the TWiki system. Red circles highlight the 'Edit' and 'Attach' buttons in the top right, the 'Introduction to TWiki' section, and the 'Computing' link under 'Belle-II Webs'. At the bottom, a list of 'Main Web Utilities' is provided, including links for WelcomeGuest, Registration, TWikiUsers, TWikiGroups, WebTopicList, WebChanges, WebNotify, WebRss, WebAtom, WebStatistics, and WebPreferences. A footer bar contains links for Edit, Attach, Print version, History, Backlinks, Raw View, WYSIWYG edit, and More topic actions. The topic revision is noted as r26 - 02 Jul 2009 - 12:07:02 - Thomaskuhr.

Jump  Search

[Edit](#) [Attach](#)

TWiki > [Main Web](#) > WebHome (02 Jul 2009, Thomaskuhr)

## Welcome to the Main web

This TWiki is used for Belle-II internal information. For public information you can use the [Confluence Wiki](#).  
*Everybody is invited to contribute! Feel free to add any useful information and to keep it up to date.*

### Introduction to TWiki

The [TWiki](#) web contains an introduction to the twiki system, including a [WelcomeGuest](#) page and a [list of twiki formatting rules](#) that are useful if you prefer to edit pages in raw mode (click "raw edit" at the bottom of the page) rather than wysiwyg mode.  
You can use the [Sandbox](#) to play around and try different things without interfering with other pages.

Feel free to ask [Markus](#) or [Thomas](#) if you have any questions or you would like to create a new TWiki web.

### Belle-II Webs

- [Computing](#)

### Main Web Utilities

- [WelcomeGuest](#) - for first time visitors
- [Registration](#) - become a TWiki user
- [TWikiUsers](#) - list of users of this TWiki site
- [TWikiGroups](#) - list of groups used for access control
- [Search](#) - [advanced search](#)
- [WebTopicList](#) - all topics in alphabetical order
- [WebChanges](#) - recent topic changes in this web
- [WebNotify](#) - subscribe to an e-mail alert sent when topics change
- [WebRss](#), [WebAtom](#) - RSS and ATOM news feeds of topic changes
- [WebStatistics](#) - listing popular topics and top contributors
- [WebPreferences](#) - preferences of this web

[Edit](#) [Attach](#) [Print version](#) [History](#): r26 < r25 < r24 < r23 < r22 [Backlinks](#) [Raw View](#) [WYSIWYG edit](#) [More topic actions](#)

Topic revision: r26 - 02 Jul 2009 - 12:07:02 - Thomaskuhr

Set up by  
Markus  
Roehrken

For creation of personal  
web server account  
go to main web page  
<http://b2comp.kek.jp>

Then personal  
Twiki account can  
be registered

# Code Repository

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- Need one central code repository for Belle-II
  - Should be accessible world wide
  - Authorized read and write access
  - We decided to use subversion (successor of cvs)
- Subversion repository set up on b2comp
- Access via web server  
`svn --username belle2 co https://b2comp.kek.jp`
  - Access via svnserve  
`svn --username belle2 co svn://b2comp.kek.jp`
    - Faster than via web server access
    - Limited to some hosts and to read access for now

Same accounts  
as for web page  
and twiki

# Code Repository Structure

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- No useful content yet

- ➔ **Proposed structure:**

- releases
  - release-1-04-13
  - ...
- packageA
  - trunk
  - branches
  - tags
- packageB
  - ...

- ✓ One or more librarians responsible for each package
- ✓ Access control per package

# Code Management Outlook

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## To do list:

- Same authentication method for web server and svnserve
- Email notification
- Build system / makefiles
- Detailed coding conventions
- Release procedure