Whitebyte

comment box

Documentation

0.0.1

1. Introduction

1.1 What is commentBox ?

Commentbox is an open source JSF component that provides out of the box commentary functionality.

- All standard commentary functionalities (Create Comment, Reply, Edit, Delete)
- Advanced functionalities (Like, Report as Spam)
- Live Features (typing users, notification for new Comments, fetch new Comments)

2. Setup

2.1 Download

The commentBox component is provided as a single jar file. This file can be obtained by either compiling the code yourself (with maven) or by downloading the, latest and greatest, auto built.

https://github.com/nickrussler/commentbox#download

2.2 Dependencies

CommentBox has only a JSF 2.x implementation and PrimeFaces as mandatory dependencies, but there are other optional dependencies for advanced features.

JSF Runtime
PrimeFaces
PrettyTime
PrimeFaces Push

Dependency	Version *	Type	Description
JSF Runtime	2.0 or 2.1	Mandatory	Mojarra or MyFaces
PrimeFaces	3.5	Mandatory	PrimeFaces
PrettyTime	2.3.1	Optional	nice date formatting
Primefaces Push (Atmosphere)	1.0.11	Optional	Live Features (new comments,...)

* Listed versions are tested and known to be working with commentBox, other versions of these dependencies may also work but are not tested.

3. CommentBox component

User692

Leave a comment…

User8665 · moments ago · Likes: 0
Why did my mother name me User8665???
Like · Spam · Reply

User2894 · moments ago · Likes: 0
Hi, how is the weather?
Like · Spam · Reply

User1136 · moments ago · Likes: 1
It is still snowing… in March!
Like · Spam · Reply

B *I* <u>U</u> ab̵c

I want sun, too..

💾 Save   ✕ Clear   ✕ Cancel

3.1 Attributes (Properties)

Name	Default	Type	Description
contextID	null	String	Unique identifier of the component context
comments	null	java.util.List<Comment*>	comments to display
currentPage	null	Long	current active page value
commentsPerPage	null	Long	Number of comments per page
commentCount	null	Long	Total number of comments
currentUserID	null	Object	Unique identifier of the current User
currentUserUsername	null	String	Username of the current User
currentUserAvatarUrl	null	String	URL of the avatar image of the current User
canEditAll	false	Boolean	If set to true the current user can edit posts of other users
canDeleteAll	false	Boolean	If set to true the current user can delete posts of other users
enableLiveFeatures	false	Boolean	If set to true Live features are enabled (e.g. new comment)
editorControls	[...]*	String	controls of the editors

Comment* = info.whitebyte.component.commentbox.Comment

[...]* = bold italic underline strikethrough | image youtube | link unlink | source

3.2 Attributes (Events)

Name	Parameters	Type	Trigger
onFetchNewComments	-	void	Load Comments
onFetchNewAnswers	Comment*	void	Hold the current active page value
onPageChange	Long	void	On Page Changes
onCreateComment	Comment*	boolean	On Creation of new Comment
onCreateAnswer	Comment*	boolean	On Creation of new Answer
onEditComment	Comment*	void	On Edit of Comment
onCommentLike	Comment*	void	On Like of Comment
onCommentSpam	Comment*	void	On Spam Report of Comment
onCommentDelete	Comment*	void	On Deletion of Comment

Comment* = info.whitebyte.component.commentbox.Comment

These Java Side Events give a way to react to user interaction with the component.

Examples:

The user changes the page, the *comments* list has to be refilled with the comments of the next (or previous) page.

The user created a comment, since in most cases we want to persist the new comment, we have to save the new comment in some database.

5. Getting Started

Fill a list with comments (info.whitebyte.component.commentbox.Comment) you want to display in your backing bean.

```
<c:commentBox comments="#{backingbean.comments}" />
```

This is it, you should see your list of comments displayed.

A good way to understand how commentBox works, is to take a look at the commentBox example.

5. Additional Features

5.1. Pagination

To enable pagination, you need to specify a *commentCount* and how many comments you want to show per page by specifying *commentsPerPage*. You also need to specify a the *currentPage.* If the user changes the page the value of *currentPage* is changed by the commentBox component.

So if you need the current value of *currentPage* in your backing bean you need to bind *currentPage* to some value in your backing bean.

5.2. Live Features

You have to set *enableLiveFeatures* to enable the live features.

You also have to add the Atmosphere framework to your project.
You can read how to do this in the Primefaces documentary under Primefaces Push Chapter.

5.3. PrettyTime Support

CommentBox offers optional support for PrettyTime. If you want to have your comment creation date formatted like this: moments ago instead of 13:10 2013 you have to add the `prettytime` library and the `prettytime-integration-jsf` library to your projects buildpath. CommentBox will automaticly detect the presence of the libraries and use them.

6. License

This project is open source and free, it is available under the Apache v2 License.