

# AJAX commenting system

A plugin for an **enhanced social user experience**  
covering commenting, rating and sharing

# V 2.0.3

Extension Key: **toctoc\_comments**

Copyright 2012, gisele.wendl@toctoc.ch, <gisele.wendl@toctoc.ch>

TocToc Internetmanagement

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The content of this document is related to TYPO3

- a GNU/GPL CMS/Framework available from [www.typo3.com](http://www.typo3.com)

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# Introduction

## What does it do?

This extension provides commenting capabilities to TYPO3 content elements, or to virtually any TYPO3 record available in frontend.

It contains AJAX functionality which works with jQuery 1.7 or newer. The commenting system itself is very flexible – many options can be set. It can be used as commenting system and/or as rating system.

This extension can import comments from extension *comments* – it is an UPDATE!!!

This extension is presented to the TYPO3 community by TocToc Internetmanagement – [www.tocloc.ch](http://www.tocloc.ch)

## Features

Extension has the following features:

- Comment content elements
- Comment records
- Comments are displayed in its own content element, they refer to the content element before the comments, or if only one toctoc\_comments is on a page, then its for the page.
- 3 highly customizable templates:
  - 2 templates for commenting, one for fe\_users who are logged on, one for anonymous website visitors
  - 1 template for ratings
  - CSS for every element and optional additional CSS file
  - Markers for all fe\_user fields
- Available fields for comments (labels can be customized):
  - First name
  - Last name
  - E-mail
  - Home page
  - Location (city, for example)
  - Comment
- Set fields as required or optional
- E-mail address syntax validation
- Fully localizable (including date format through PHP strtotime() function)
- Automatically clear cache for any page(s) when comment is added
- Close comments after predefined period
- Close comments for individual records immediately or after period
- Prevent duplicate comments (for example, several subsequent POST requests)
- See IP address of the commenter in BE
- Import messages from extension *comments*
- Spam control
  - Captcha use (sr\_freecap clone or recaptcha clone)
  - Filter out typical guestbook spam
  - Force all messages to pass approval
  - Automatically decide if message should be approved before it can appear on the web page
  - Send e-mail to designated e-mail address about suspicious messages
  - internal spam checker, Spam-filter can be set up with spam words in the BE
- Full TYPO3 caching supported (USER object!), which highly improves web site performance
- Automatic cleanup: removes comments and ratings if "parent" record is removed
- External CSS style sheet can be included through the template (no need to modify web site TS setup for this!)

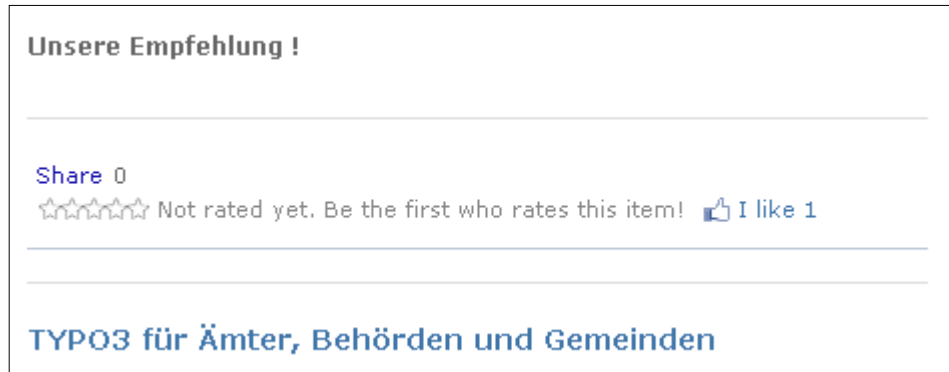
- Automatically use FE user data to fill comment form
- Extends tt\_news to show number of comments in LIST, SEARCH and LATEST views
- Integrates ratings internally
- Integrates smilies internally
- Automatically find links in comment text and convert them to clickable links (can be turned on and off)
- Share comments on social platforms like Facebook, Twitter, Google+
- Shows pop-up cards with user information

## Screenshotes

There are screenshots also in other sections of this manual.

This screenshots shows the default template with default styles and ratings enabled.

Default template has many CSS classes, which allows very customizable styling.



The plugin used in this screenshot shows only just the active options iLike, voting and sharing

.


genutzt werden.

[Like](#) · [Comment](#) · [Share](#) 0

☆☆☆☆☆ Not rated yet. Be the first who rates this item!  [Like](#)



**Gisèle Wendl** - Ich schätze besonders die mutige Umsetzung von HTML5.  
Wegbereiter der Zukunft - Danke!

2 months 3 weeks ago · ☆☆☆☆☆ Rating: 4.3 of 5. 3 vote(s).  
 [Like](#)

Add comment


### Weiterführende Links

- ▶ [Download & Installation](#)
- ▶ [Hilfe](#)

[Like](#) · [Comment](#)

☆☆☆☆☆ Not rated yet. Be the first who rates this item!  [Like](#)



**Gisèle Wendl** - und weitere Beispiele für's Kommentar-Plugin unter <http://www.readysite.ch/elemente-bedienung/tabellen/> 

2 months 3 weeks ago · ☆☆☆☆☆ Rating: 3.0 of 5. 1 vote(s).  
 [Like](#)

Add comment

Here you can see 2 plugins on a page. Sharing is deactivated in the second plugin. In the second plugin you can see a link and a smiley, also this can be activated or deactivated.

Please resolve this Captcha

My new comment

I think HTML5 will simplify the creation of webpages radically.

First name: \*

Dashka

Last name: \*

Bronjovk


E-mail: \*

dashka@hotmail.com

Location:

wsyx oryv

Enter the captcha:

 CAPTCHA™  
stop spam.  
read books.

Submit

After posting a comment the 'useCaptcha' option brings the captchas security question. Here the recaptcha-clone has been configured with the white theme.

After the captcha has been resolved the comment has been recorded in the database. As option “require approval” is active, the comment will be first presented to the administrator who has to approve, delete or kill the comment (kill deletes a comment permanently from the database).

## Different look for logged in users.

Handling in TS-Setup is best done with conditional assignment of option in setup. Often used is the encore captcha/approval for anonymous (IP)-users and let fe\_users post without further conotrl.

```
[usergroup = *]
plugin.tx_toccomments_pi1 {
    ratings {
        enableRatings=1
        useDislike = 1
    }
}
```

```

spamProtect {
    requireApproval = 0
    useCaptcha = 0
}
}
[else]
plugin.tx_toccomments_pi1 {
    ratings {
        enableRatings=1
        useDislike = 0
    }
    spamProtect {
        requireApproval = 1
        useCaptcha = 1
    }
}
}
[global]

```

## Acknowledgments

Creation of this extension was sponsored by **TocToc Internetmanagement** – an international TYPO3 company from Switzerland.

Special thanks go to

- Dmitry Dupolev and the comments team on [forge.typo3.org](http://forge.typo3.org) for their important work which is at the base of the code of this extension..
- Julien Hany, the contributor and developer of the used jQuery-Extension for Sharing, av. As of under [sharre.com](http://sharre.com)

## Having questions?

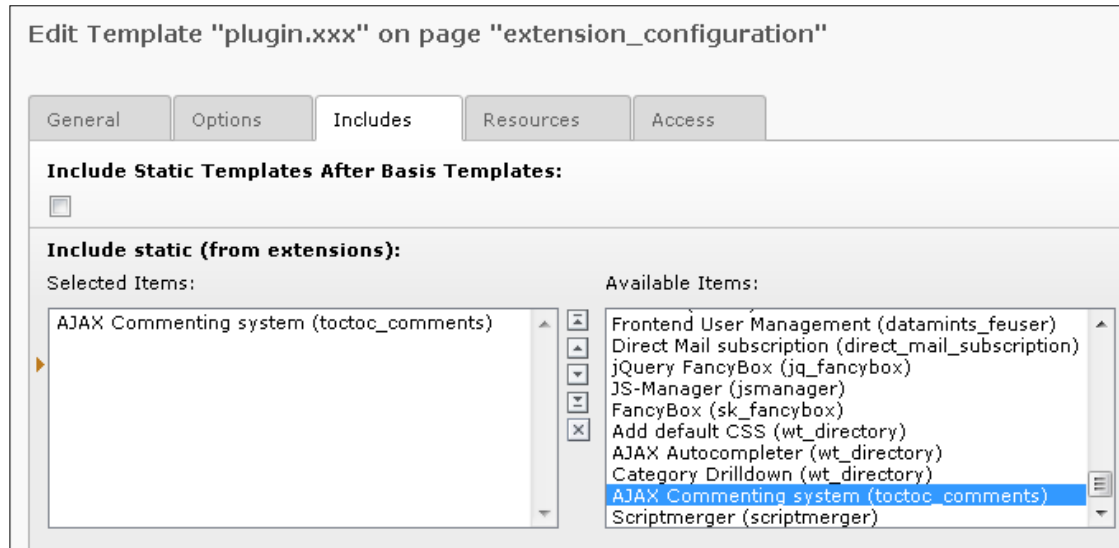
As the extension is present in its initial version, there will be maybe many questions. We gave our best for the doc, so please first check it seriously before looking for help anywhere else.

For news checkout [www.tocloc.ch](http://www.tocloc.ch). We will provide in future help and support over [forge.typo3.org](http://forge.typo3.org). Please, avoid sending e-mails directly, user the contact form in [www.tocloc.ch](http://www.tocloc.ch), thanks!

# Users manual

## Installing and Setup

1) Install the extension in EM, and include it in your sites TS-Template



2) Make sure that **jQuery** is added to the page by adding something like this to the page.config-TS:

```
page.includeJSlibs {  
    jquery = typo3conf/ext/tocloc_comments/resources/jquery-1.7.2.min.js  
}
```

**jQuery** versions 1.7.+ are not compatible with lightboxes which use brackets ([]) in their rel=aAttributes. If possible just change the brackets to parentheses (). Some lightboxes accept this.

This is a TYPO3 6.0 issue, because TYPO3 6.0 will fully support only jQuery 1.7+. Also, the Share-function needs Jquery 1.7+ to function properly (older versions cannot display the number of shares correctly)

3) **Setup your TS.** See setup.txt in directory /static for an example.

Important is to set the constant for the StoragePID – the pid of the folder where comments will be stored. TS Setup can be very minimal, see the example above for logged in and anonymous users – this is the recommended minimal setup.

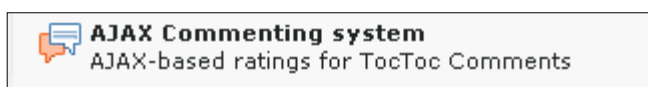
## Upgrading from comments 15.x

You need to enable the upgrade mode in the extension setup in Extension Manager.

The comments and ratings for comments on a page are imported in tocloc\_comments regardless of their original storage folder id.

## Inserting AJAX comments to page

When inserting a new content element, scroll down to the end of "New content element" wizard and click on the "AJAX Commenting system":



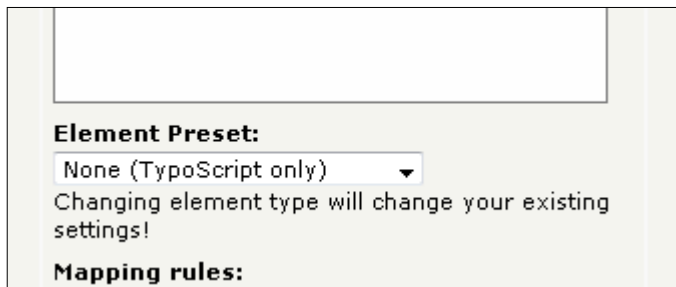
This will insert a plugin for AJAX commenting system as a new content element. Alternatively you can inject the plugin by TS in a templavoila FCE:



## Use in templavoila

In a flexible content element of templavoila you can setup TS for a mapped element.  
It's possible to use the plugin in a FCE (flexible content element)

Setup the element as TypeScript only-element:

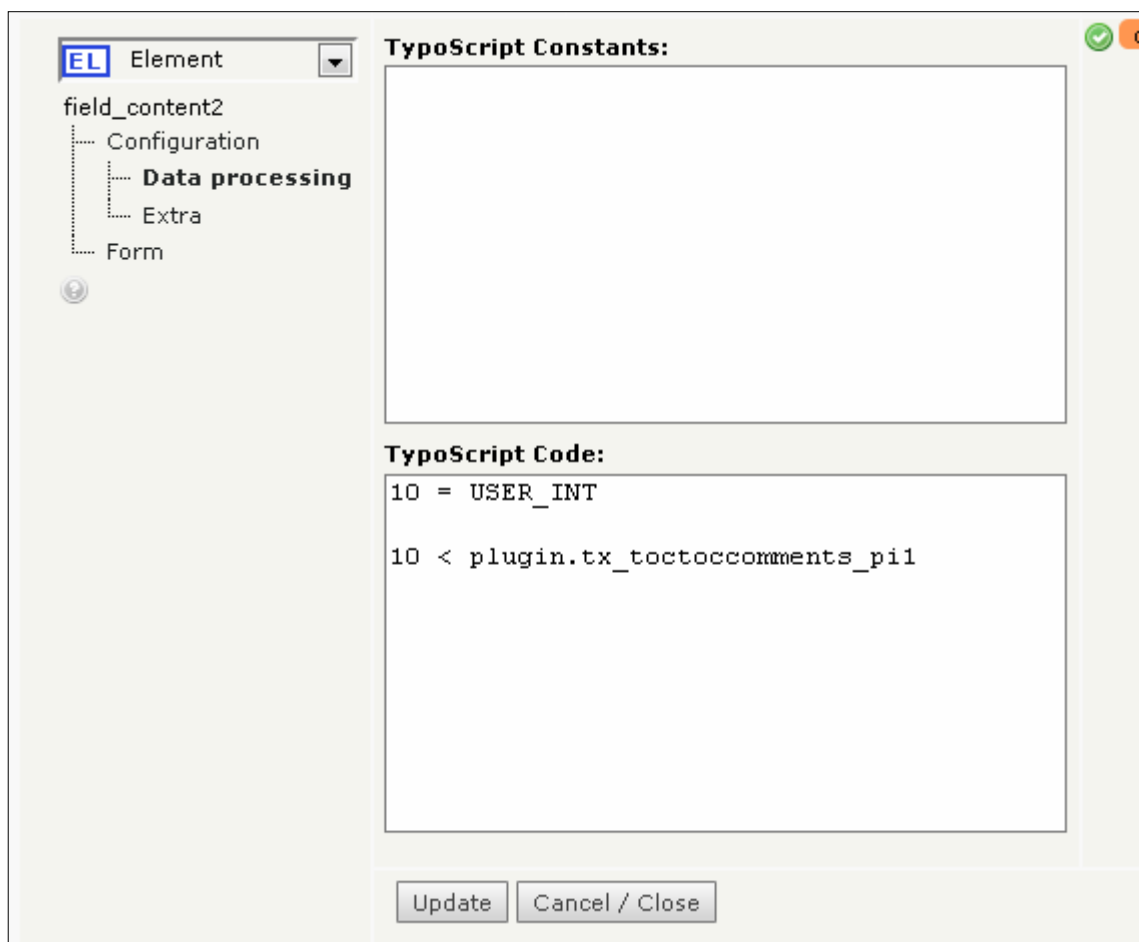


The screenshot shows a configuration window for an element preset. At the top is a large empty text area. Below it, the section **Element Preset:** contains a dropdown menu set to "None (TypeScript only)". A warning message below the dropdown states: "Changing element type will change your existing settings!". At the bottom, the section **Mapping rules:** is visible but empty.

The TS you need looks like this

```
10 = USER_INT
```

```
10 < plugin.tx_toccomments_pi1
```



The screenshot shows a configuration window with two main sections. On the left is a sidebar with a tree view containing "field\_content2", "Configuration", "Data processing" (highlighted), "Extra", and "Form". The main area is divided into two sections: "TypeScript Constants:" with an empty text area, and "TypeScript Code:" containing the code:

```
10 = USER_INT  
  
10 < plugin.tx_toccomments_pi1
```

At the bottom of the window are two buttons: "Update" and "Cancel / Close".

## Customizing comments

All comments options should be configured first sitewide through a TypoScript-Template.

Then some of the options setup in TS can be overwritten through the plugin's configuration when it is inserted as content element.

TypoScript configuration is the only possibility for configuration if the plugin is inserted through TypoScript setup. (for example, as "TypoScript object path" in TemplaVoila or as a part of flexible content element).

For information on TypoScript configuration see "Configuration" section later in this manual.

**Important!** Flexform configuration always overrides TypoScript configuration when a field is set to some value!

The choice which options are available in the plugin was guided by the importance to have an option individually setup in a specific plugin instance.

So for example you can deactivate sharing in general TS-configuration, and activate it only in the first plugin on a page.

Plugin configuration consists from several tabs.

### General tab

The screenshot shows the configuration interface for the 'AJAX Commenting system' plugin. At the top, a dropdown menu shows 'AJAX Commenting system'. Below this is the 'Plugin Options' section with four tabs: 'General' (selected), 'Advanced', 'Rating options', and 'Anti-spam'. The 'General' tab contains several settings: 'Mode:' with 'Selected Items' (a list box containing 'Comment listing' and 'Comment form') and 'Available Items' (a list box containing 'Comment listing' and 'Comment form'); 'Triggering prefix:' with an empty text field; 'Store records at page:' with an empty text field and a folder icon; 'Page' with a document icon; and 'Enable User Statistics' with a dropdown menu set to 'Use TypoScript setting'.

**Mode** defines what the plugin displays: comment listing and/or form to add comments.

**Triggering prefix** defines what parameter in URL triggers displaying of comments. The value depends on another plugin and its parameters.

Typically this parameter will be `tx_extkey_pi1`, but some older plugins have different values (for example, `tx_ttnews` for `tt_news` plugin).

Special value `pages` allows to comment on content elements on a page instead of records. **Note for plugin authors:** read **Configuration** section on information about enabling comments for your extension!

**Storage page** specifies where records should be stored. If empty, current page is used.

**Enable User Statistics** is for more control over the stats, here you could enable it just for the concerned plugin

**What is a User ?** There are 2 kinds of users: Anonymous and logged in users.

Logged in users, FE-Users, are stored in format '**0.0.0.0.fe\_userid**' (example: 0.0.0.0.2054).

Anonymous users are identified by their IP-address. So the format for anonymous users is '**IP.0**' (example: 184.126.45.22.0)

## Advanced tab

General	Advanced	Rating options	Anti-spam
Close commenting after: <input type="text"/>			
Commenting closed for this plugin-instance Use TypeScript setting ▼			
use Sharing: Use TypeScript setting ▼			
don't use Sharing for Facebook: Use TypeScript setting ▼			
don't use Sharing for Google+: Use TypeScript setting ▼			
don't use Sharing for Twitter: Use TypeScript setting ▼			
don't use Sharing for LinkedIn: Use TypeScript setting ▼			
don't use Sharing for Stumbleupon: Use TypeScript setting ▼			


**Close commenting after** allows to automatically disable commenting if record is older than specified time period. Time period is a number followed by suffix. Suffix can be *h* (hour), *m* (month), *y* (year) or *d* (day). Comments extension takes care to change page caching time so that page cache expires when comments should be closed.

**Commenting closed for this plugin instance** allows to close commenting immediately.

**Use Sharing** enables the sharing function in the plugin

**don't use sharing** disables the Sharing function for a given platform individually

## Rating options tab

General	Advanced	Rating options	Anti-spam
enable only Ratings: Use TypeScript setting ▼			
Enable ratings: Use TypeScript setting ▼			
Template file for ratings: <input type="text"/> 			
use voting and show rating stars Use TypeScript setting ▼			
use "My vote" Use TypeScript setting ▼			
use iLike AND iDislike: Use TypeScript setting ▼			
use or don't use iDislike: Use TypeScript setting ▼			

**Enable only Ratings** suppresses the display of comments – sharing is not touched.

**enable ratings** allows to enable or disable all rating functions (voting and liking).

**Template file for ratings.** Allows to specify a different ratings layout


**use voting and show rating stars** enables basic rating

**use "My vote"** shows the users individual vote (per IP if logged out, per fe\_user if logged in)

**use iLike AND iDislike** enables to basic use of the like-feature. Both, like and dislike are activated

**use or don't use iDislike.** allows to hide the dislike-feature

## Anti-spam tab

General	Advanced	Rating options	Anti-spam
Require approval of each comment: Use TypeScript setting ▼			
Check referrer: Use TypeScript setting ▼			
Use captcha: Use TypeScript setting ▼			
Send notification to this e-mail: <input type="text"/>			
Send e-mail from this address: <input type="text"/>			
Template file for e-mails: <input type="text"/> 			

**Require approval of each comment** triggers the email for administrator where he can approve or disapprove a comment.

**Check referrer** is an option for more control on posts, the referrer of the post must be on the site itself.

**Use captcha** enable use of captcha (regardless if the user is logged in or not)

**Send notification to this e-mail** allows to specify a recipient other than in TS setup for approval emails about new comments

**Send e-mail from this address** allows to specify another sender e-mail than specified in TS setup

**Template file for e-mails** allows to make individual e-mails contents

## Approving comments

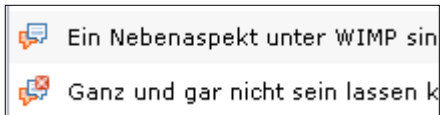
If a comment is set to disapproved it may be because it is spam or the **Require approval of each comment** option is set. These comments will not be visible on the page.

### E-Mail approval

The administrator will receive e-mail with links to approve, delete or kill (delete permanently) comments. Administration of comments can be done also through Web>List module or the Web->Comments module.

### Approval by Web->List module

This is the normal TYPO3 Listmode where you have the records and then you can edit them like any other records. Here disapproved comments have different icon in the List module:



The first item on the screenshot above shows a comment which has not been approved yet. When opened for editing, the following flag will define if comment is approved:



If check is set, comment is approved.

### Approval by Web->Comments module.

In the BE-module of comments you can approve, delete, hide and kill comments on a list. For “mass-administration” this is the easiest way.

## FAQ

None yet. Ask in the TYPO3 mailing lists!

# Administration

## Adding TypoScript template

The extension's TypoScript template must be added to site's TypoScript template.

To add this template, go to **Template** submodule of **Web** module, click on the **Info/Modify** there and click **Click here to edit whole template record** link.

In the opened form scroll down to **Include static (from extensions)** and click **AJAX Commenting system (tocomments)** in the right box. It should appear in the left box.

Edit Template "plugin.xxx" on page "extension\_configuration"

General Options Includes Resources Access

**Include Static Templates After Basis Templates:**

☐

**Include static (from extensions):**

Selected Items:

- AJAX Commenting system (tocomments)

Available Items:

- Frontend User Management (datamints\_feuser)
- Direct Mail subscription (direct\_mail\_subscription)
- jQuery FancyBox (jq\_fancybox)
- JS-Manager (jsmanager)
- Fancybox (sk\_fancybox)
- Add default CSS (wt\_directory)
- AJAX Autocompleter (wt\_directory)
- Category Drilldown (wt\_directory)
- AJAX Commenting system (tocomments)**
- Scriptmerger (scriptmerger)

## Configuration

Plugin configuration is explained in **User manual**. This section talks about TypoScript configuration.

### Main configuration

Property:	Data type:	Description:	Default:
code	string	COMMENTS or FORM or nothing. Shows comments listing or/and form to submit comments. Ratings only display is obtained by selecting nothing	COMMENTS FORM
storagePid	int+	Page uid where comment records will be stored. Current page if empty.	empty (value of { \$plugin.tocomments_pi1.storagePid } constant)
externalPrefix	string	See <b>Triggering prefix</b> in <b>User guide</b> .	pages (the value of { \$plugin.tocomments_pi1.externalPrefix } constant)
templateFile	string	Template file for the plugin. Accepts either site-relative path or extension-related path (EXT: prefix)	EXT:tocomments/res/template/ tocomments_template.html (value of { \$plugin.tocomments_pi1.templateFile } constant)
DeleteCommentImage	string	Icon to display for comment deletion, size will be 16x16	EXT:tocomments/res/img/dele tecommentfe.png
DefaultUserImage	string	Image to display for not logged in commentators	EXT:tocomments/res/img/profi le.png
UserImageSize	int+	Size of user image in pixels. Image will be cropped from the center of the original image (square)	32
commentsPerPage	int	Number of comments show in a comments list	3 (value of { \$plugin.tocomments_pi1.com mentsPerPage } constant)

Property:	Data type:	Description:	Default:
userStats	boolean	Create and maintain userstatistics:Check this option if you want to create statictis for each user leaving comments or making ratings. Slower, but better control.	1
userContactUC	boolean	This option enables display of basic user contact information in usercards	1
userHomepageUC	boolean	This option enables display of the users homepage in usercards	1
userEmailUC	boolean	This option enables display of the email of the commenting user in usercards	1
userLocationUC	boolean	This option enables display of the users location in usercards	1
userStatsUC	boolean	This option enables display of statistics in usercards	1
userIPUC	boolean	This option enables display IP information about the user in usercards	1
timeoutUC	int+	Time in seconds for display of a usercard. Values between 3 and 15 are ok	9
<b>Options from setup.txt</b>			
preventDuplicatePosts	boolean	If set, prevents duplicate posts on the same page	1
requiredFields	list of values	Comma-separated list of fields to be required for comments. Available values: firstname lastname, email homepage location content	firstname,lastname, content, email
requiredFields_errorWrap	stdWrap	stdWrap for required field if field is not filled properly	noTrimWrap =  <span class="tx-comments-required-error">Error:  </span>
firstName_stdWrap	string	Wraps "First name" field	<i>empty</i>
lastName_stdWrap	string	Wraps "Last name" field	<i>empty</i>
email_stdWrap	string	Wraps "E-mail" field	<i>empty</i>
webSite_stdWrap	string	Wraps "Web site" field	<i>empty</i>
location_stdWrap	string	Wraps "Location" field	<i>empty</i>
content_stdWrap	string	Wraps "Content" field	<i>empty</i>
<b>Options for smilies</b>			
smiliePath	string	Path to directory with smiley image files	EXT:tocloc_comments/res/smilie
fileExt	string	file extension of smiley images	png



Property:	Data type:	Description:	Default:
smilies	array	<p>Array with all available smilies defined</p> <p><b>Syntax:</b> [filename] = [string1] [string2]</p> <p>Smilies are a mix from facebook-like smilies and the smilies from the original smilie-extension. Smilies gisele (Gisèle Wendl), Roman and Jacqueline are, just like the famous developer Putnam from facebook, dedicated to the related, living persons, who contributed to this extension.</p>	<pre> smile = :-) :) :] =) tongue = :-P :-p =P wink = ;-) ;) grin = :-D :D =D curlylips = :3 kiss = :* :* grumpy = &gt;:( &gt;:-( glasses = 8-) 8) B-) B) sunglasses = 8-  8  B-  B  upset = &gt;:O &gt;:-O &gt;:o &gt;:-o confused = o.O O.o shark = (^^) gasp = :-O :O :-o :o pacman = :v squint = -_- devil = 3:) 3:-) unsure = :-/ :\ :-\ frown = :-( :[ :(=[ cry = :'( putnam = :putnam: robot = :[] heart = &lt;3 angel = O:-) kiki = ^_^ penguin = &lt;(") gisele = :g: jacque = :j: roman = :r: 6 = :-  7 = :-s s( :s 8 = :-U 9 = 8O 8-O 8o 8-o 10 = ==- 11 = M-) 12 = ()-) 13 = V-) 14 = [-) 15 = X-) 17 = WOW) </pre>

## Advanced options (->ADVANCED)

Property:	Data type:	Description:	Default:
closeCommentsAfter	string	If set, automatically disables commenting for items older than this period. See <b>Close commenting after</b> in the User manual for more information. Setup-only option	<i>empty</i>
commentingClosed		Commenting can be totally suppressed, 0 (default) or 1	0
dateFormat	string	Defines date format to use for date/time information about posts. Format specifiers depend on dateFormatMode configuration option. See PHP function <a href="#">date()</a> and <a href="#">strftime()</a> for information about format specifiers. If empty, defaults to concatenation of SYS->ddmmyy and SYS->hhmm system variables (from Install tool) and dateFormatMode is forced to "date"	<i>empty</i>
dateFormatMode	string	Determines what PHP function to use for date formatting. Defaults to "date". If you want to use month or week days in national language, you have to use "strftime". Valid values are: date strftime	date
dateFormatOldStyle	boolean	Use old style date format: Old style date format is like "20.08.2012", new style would be like "3 weeks and 4 days ago". See dateFormatMode and dateFormat for old style	0
autoConvertLinks	boolean	If enabled, will search for possible links in comment text and turn them to links. Specifically the following texts are searched: http:// www. Anything that starts from these strings and till next space will be converted to links. This procedure is not very clever but works in most cases. Links are always created with <a href="#">rel="nofollow"</a> and css class "tx-comments-external-autolink". There is no way to change any of these two attributes.	1
CommentsShowOldPerCID	Int+	This is the scrolling multiplicator telling how many commentsPerPage the show older comments function reveals at a time.	3

Property:	Data type:	Description:	Default:
UseTemplavoilaField	string	Name of the field defined in templavoila (if used) where the comments-plugins goes. Check your templavoila page-template.	field_content
UseMainColPos	int	tt_content Column (colPos) with comments-plugins: Columnposition (colPos) where the comments-plugins go. Can be left on 0, most of the times.	0
FeUserImagePath	string	Path where the feuser-images are stored. Normally uploads/pics/.	uploads/pics/
FeUserImageStyle	string	Additional style information applied on the img-tag of the feuser-image in a comment.	padding: 0; border-radius: 2px 2px 2px 2px; border: 1px solid #97b0ee;
useSharing	boolean	Use of Share-Links for social networks like Facebook, Google and Twitter	1
dontUseSharingFacebook	boolean	Use of Share-Link for Facebook is suppressed	0
dontUseSharingGoogle	boolean	Use of Share-Link for Google+ is suppressed	0
dontUseSharingTwitter	boolean	Use of Share-Link for Twitter is suppressed	0
dontUseSharingLinkedIn	boolean	Use of Share-Link for LinkedIn is suppressed	1
dontUseSharingStumbleupon	boolean	Use of Share-Link for Stumbleupon is suppressed	1

## Spam protection (->SPAMPROTECT)

Property:	Data type:	Description:	Default:
requireApproval	boolean	If enabled, messages will be set to disapproved state and notification will be sent to administrator (see <b>notificationEmail</b> below). If approval is not requested but <b>checkTypicalSpam</b> is set, messages still can be set to disapproved state and notification is sent.	1
useCaptcha	string	Enables using captcha to post comments. Possible values are: None=0 sr_freecap clone captcha extension=1 jm_recaptcha clone extension=2  Captcha is checked after submit !	0
checkTypicalSpam	boolean	If set, extension automatically checks all comments for typical guestbook spam. If comments receives more than the value of spamCutOffPoint spam points, it is automatically set to disapproved state and notification is sent to the author in the plugin.	1
considerReferer	boolean	If set, checks that referer of the current page is within the same web site. If not, message is set to disapproved state and notification is sent to administrator.	0
notificationEmail	string	E-mail address to send notifications to	
informationEmail	string	Notify administrator about posted comment without approval by e-mail	
fromEmail	string	E-mail address to send notifications from	
emailTemplate	string	Template to use for Approval needed-notification email to administrator. It will result in a simple ext-<E-mail	EXT:toc toc_comments/res/template/toccomment_s_template_email.txt
emailTemplateInfo	string	Template to use for information-notification email to administrator	emailTemplateInfo = EXT:toc toc_comments/res/template/toccomment_s_template_emailinfo.txt
spamCutOffPoint	integer	If number of points is greater than this value, new comment is ignored, user receives spam warning message and e-mail to administrator is not sent.	10

## Ratings (->RATINGS)

Property:	Data type:	Description:	Default:
enableRatings	boolean	Enables web site visitors to rate comments. Notice that ratings change is only available if comments are not closed for the item. When comments are closed, ratings automatically become read-only	0

Property:	Data type:	Description:	Default:
ratingsOnly	boolean	Enable ratings only: Use plugin as rating-only version	0
minValue	integer	Minimum rating value. This must not be changed once ratings are in use already. Changing this value also requires CSS adjustments (length of voting bar).	1
maxValue	integer	Maximum rating value. This must not be changed once ratings are in use already. Changing this value also requires CSS adjustments (length of voting bar).	5
ratingImageWidth	integer	Width of a single rating bar image. Must be adjusted if a non-default image is used.	11
mode	auto or static	"auto" means that ratings will operate as they normally do on web sites (user votes and he cannot vote on this item any more). "static" means that the user will not be able to vote: ratings will be read-only.	auto
disableIpCheck	boolean	Disables the IP address check for votings. If this check is disabled, users may vote any number of times on the item (useful for testing). Notice: users will have to reload the page to vote again!	0
additionalCSS	string	Allows to change the appearance of ratings without changing template. Typically ratingImageWidth needs to be changed too.	
ratingsTemplateFile	string	Template file for ratings shown in the plugin. Accepts either site-relative path or extension-related path (EXT: prefix)	EXT:toc_toc_comments/res/template/toc_toc_comments_ratings.html
useMyVote	boolean	Show the vote of the user	1
useVotes	boolean	Shows the rating stars and enables voting, if checked.	1
useLikeDislike	boolean	Show Like and Dislike Features; if checked both are active.	1
useDislike	boolean	Show Dislike Features; makes only sense in connection with useLikeDislike.	1

## Prefix-to-table map (->PREFIXMAP)

Comments extension must know the table name of the commented record. The extension's configuration contains a map of triggering prefix names to table names. By default it looks like:

```
prefixToTableMap.tx_album3x_pi1 = tx_album3x_images
prefixToTableMap.tx_commerce_pi1 = tx_commerce_products
prefixToTableMap.tx_irfaq_pi1 = tx_irfaq_q
prefixToTableMap.tx_mininews_pi1 = tx_mininews_news
prefixToTableMap.tx_ttnews = tt_news
prefixToTableMap.tt_products = tt_products
```

Extension authors, who want to enable commenting on their records, may add entries to setup.txt if their own extension to extend this map. Here is an example how it should be done:

```
plugin.toc_toc_comments_pi1.prefixToTableMap.tx_myext_pi1 = tx_myext_mytable
```

So, if URL looks like this:

```
http://domain.tld/index.php?id=12345&tx_myext_pi1[showUid]=67890
```

than comments extension will understand that it must refer to tx\_myextmytable for triggering prefix tx\_myext\_pi1.

## showUid map (->SHOWUIDMAP)

Some old extensions use names other than "showUid" to refer to a single record. Our extension needs to know this name to find the record's uid. By default, tt\_news and tt\_products are configured. Here is how default map looks like:

```
showUidMap.tx_ttnews = tt_news
showUidMap.tt_products = product
```

All new extensions should use "showUid" parameter. But it is possible to use custom parameter with comments extension. Here is an example:

```
plugin.toc_toc_comments_pi1.showUidMap.tx_myext_pi1 = uid
```

So, if URL looks like this:

[http://domain.tld/index.php?id=12345&tx\\_myext\\_pi1\[uid\]=67890](http://domain.tld/index.php?id=12345&tx_myext_pi1[uid]=67890)

than comments extension will understand that record's uid value is 67890.

## Organisation of files

### Javascript

There's one JS File for all the comment- and ratings-specific tasks, it's included in the header of the page automatically from the template.

res/js holds all the js-files for the jQuery-Extensions

### jQuery

It's up to the programmer who put the extension in your site to link the jQuery-File. We deliver a working version (1.7.2) in directory resources if you don't have/use it already.

**Note:** Lightboxes often use the rel=sometext[index] – syntax in the href-tags. Newer versions of jQuery do not support the [] brackets anymore. To make it work again make the brackets disappear.

### CSS

CSS is used excessively in this extension. CSS files are in directory res/css

### Images

res/images

### Templates

res/templates

### Fonts for the Captchas

pi1/fonts

### Smilies

res/smilie

## Code-Concepts

### Extension architecture

This extension is still build in the classic approach as pi1-Extension. It does not yet support Fluid and Extbase, nor a domain model. We're working on that for future releases.

### AJAX-Events

The plugin handles the following events:

Vote an article or a comment (article stand for what we're commenting on)

Like an article or a comment

Dislike an article or a comment

Delete a comment

Add a comment

Check the Captcha

Set the Captcha

Browse for older comments

Hide older comments

Show user card

jQuery serves for Sharings, makes the inputbox for comments elastic, creates the usercards and helps to resize the commenting area

### S\_SESSION-Variables

The extension uses many S\_SESSION variables for program control and performance optimization.

# Using AJAX comments in other extensions

## tt\_news

Comments extension provides custom marker for tt\_news to display number of comments inside LIST, LATEST or SEARCH views. Marker is `###TX_COMMENTS_COUNT###`. By default it will produce the following HTML:

```
<a href="url/to/news/item#tx-toctoc-comments-comments-###UID###" class="tx-toctoc-comments-count">5 comments(s)</span>
```

This HTML can be customized by modifying template supplied with toctoc\_comments extension. See `###TTNEWS_COMMENT_COUNT_SUB###` subpart in the template. tt\_news marker is typically included after “more” link.

## Known problems

- Not made for big sites like facebook (we're working on it ;-))

# Hooks

## Using hooks

This section explains how to use hooks inside Comments extension and lists all available hooks.

New hooks can be installed using the following code in `ext_localconf.php` of another extension:

```
$TYPO3_CONF_VARS['EXTCONF']['toctoc_comments'][$hookName][yourextkey] =  
'EXT:yourextkey/class.tx_yourextkey_hooks.php:&tx_yourextkey_hooks->methodName';  
Notice that you can freely choose method name for the hook.
```

## Common hook parameters

Each hook receives two arguments:

Argument:	Type:	Description:
<code>&amp;\$params</code>	array	Contains hook parameters (specific for each hook, see hooks list below) and 'pObj', which is identical to <code>\$pObj</code> hook parameter.
<code>&amp;\$pObj</code>	<code>toctoc_comments_pi1</code>	Reference to calling class. Notice that you should have “&” before this parameter name.

## List of hooks

Section name in this chapter corresponds to *hookName* in section “Using hooks”.

## mergeConfiguration

This hook allows to alter/add configuration values for `toctoc_comments_pi1`. There are no additional parameters to the hook. Hook should modify configuration in the following way:

```
$pObj->conf['section.']['param'] = 'value';
```

## eID\_postProc

This hook is called by eID script when comments extension approves or deleted comment using link in notification e-mail. It allows to post-process e-mail commands. Hook does not receive any custom parameters.

This hook is called when marker array is prepared for displaying comments list as whole. Parameters:

Argument:	Type:	Description:
template	string	Template subsection to be used
markers	array	Existing markers

Hook should return a modified array with markers.

## comments\_getComments

This hook is called when marker array is prepared for displaying a single comment in a list. Parameters:

Argument:	Type:	Description:
template	string	Template subsection to be used
markers	array	Existing markers

Argument:	Type:	Description:
row	array	Current comment row

Hook should return a modified array with markers.

### form

This hook is called when marker array is prepared for displaying form. Parameters:

Argument:	Type:	Description:
template	string	Template subsection to be used
markers	array	Existing markers

Hook should return a modified array with markers.

### processSubmission

This hook is executed before record is inserted into database.

Argument:	Type:	Description:
record	array	Record array

Hook should return a modified record array.

### sendNotificationMail

This hook is called when marker array is prepared for sending e-mail notification to administrator. Parameters:

Argument:	Type:	Description:
template	string	Template subsection to be used
check	string	Hashed check value for eID call
markers	array	Existing markers

Hook should return a modified array with markers.

## Translating the extension

Translation of the extension happens in future only through translation server. If you do not know what translation server is, read about it [here](#). Until we have access to it, you'll find available translations on [www.toctoc.ch/toctoc\\_comments\\_ll.html](http://www.toctoc.ch/toctoc_comments_ll.html)

## To-Do list

- Picture upload / display
- Comments on comments
- Better BE for Comments including Per-User-View, Activity Reports, Dashboard and Ratings-administration
- Configuration options for the look of the freecap-clone (some of them are already quite easily accessible thru the variable-values in class.toctoc\_comments\_ajax.php)
- Configuration for selecting a recaptcha-clone theme (currently pictures are available as sub directories in res\img and as presets in res/css/toctoccomments\_pi1.css)