

## EXT: Facebook

Extension Key: facebook

Language: en

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The content of this document is related to TYPO3

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

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# Introduction

The TYPO3 Facebook extension is a simple tool to add TYPO3 content in you Facebook Application.

Facebook applications are small programs developed specifically for Facebook profiles. The content of those programs is provided by an external source which could be any website server.

This content may be of a simple html page, a more complex one generated by a CMS or a simple Flash file.

Facebook also provides an API for software developers to create applications that interact with core Facebook features. A markup language called Facebook Markup Language is also available; it is used to customize the "look and feel" of applications that developers create.

This extension helps you to easily create content for your Facebook application directly from TYPO3. It will also allow you to easily add user interface elements of Facebook, so users of your applications can easily share the content of your site through Facebook.

# Fundamentals

On Facebook, Applications can display content on different places. The TYPO3's Facebook extension will allow you to display different content on 4 different places. All you'll have to do is to choose which TYPO3 page content to display on which place.

## Where is the content displayed on Facebook.com ?

### On the Application page

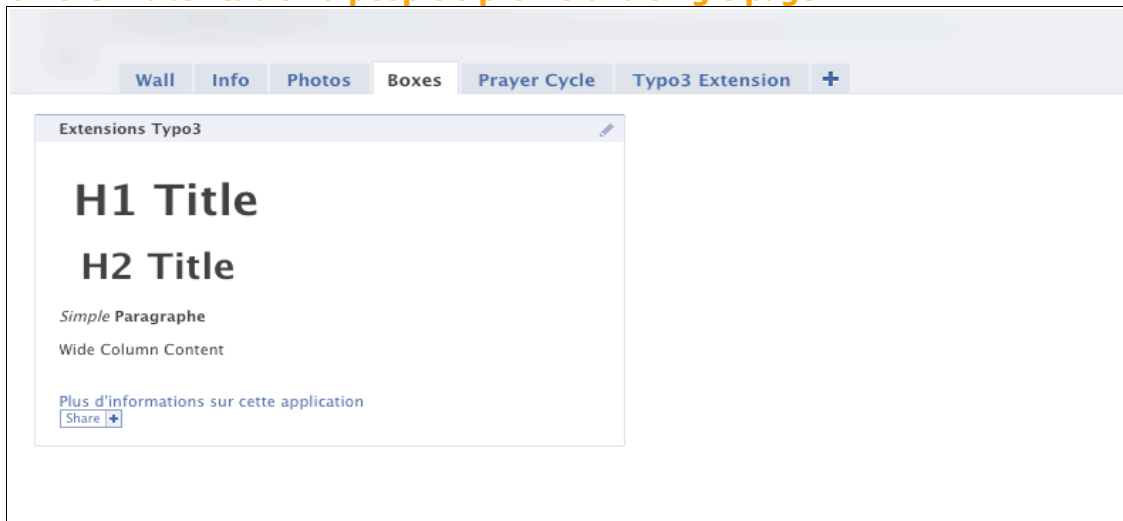
for example : <http://apps.facebook.com/typoextension/>



### On the left column on a people's wall

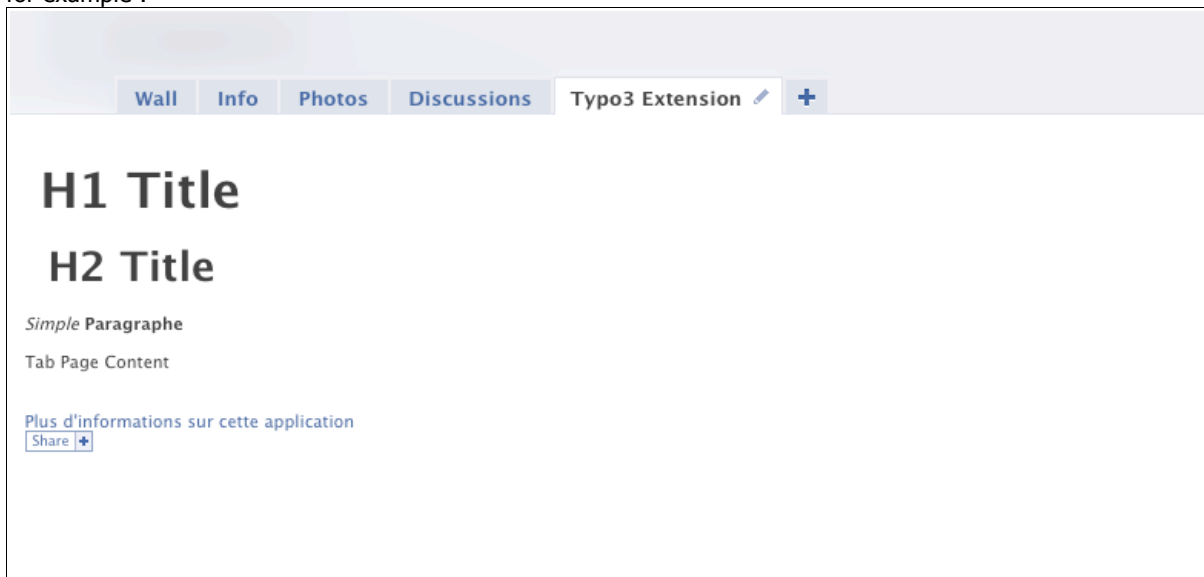


## On the "Tabs" tab on a people's profile or a single page



## On a dedicated tab on a people's profile or a single page

for example :



# Configuration on TYPO3

## Installing the extension with the Extensions Manager

Just **download the extension** from Typo3 Extensions Repository (TER) and **install it** using the Extension Manager.

Once installed, you will be asked to **provide the Facebook Api Key** and the **Facebook Secret Key** of your Facebook Application.

**CONFIGURATION:**

*(Notice: You may need to clear the cache after configuration of the extension. This is required if the extension adds TypoScript depending on these settings.)*

**Facebook Api Key** [apiKey]

**Facebook secret** [secretKey]

Update

## Creating the output page

### Step 1 : create a page

Facebook is going to get the content of your application using a public url called the "Canevas url". This is the page that will contain the Facebook extension.

First of all, **create a page**. In this example, the page is called "Facebook Page".

### Step 2 : create a template

Then, **create a Template** in the "Facebook Page".

This template will **include the Facebook Static template**, to load the Facebook Extension configuration.

**Include static (from extensions):**

**Selected:**

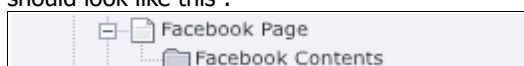
Facebook (facebook)

**Items:**

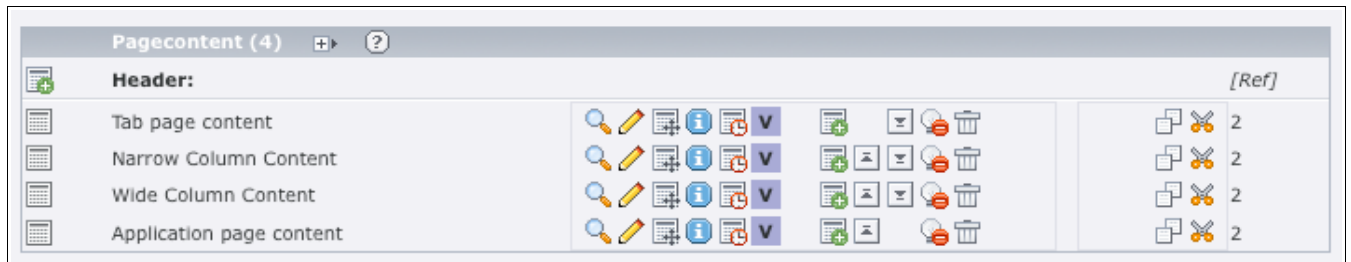
Facebook (facebook)

### Step 3 : Creating the content to display in the Facebook Application

First, **create a SysFolder** into the "Facebook page". This folder will host the contents to display on Facebook. The tree should look like this :



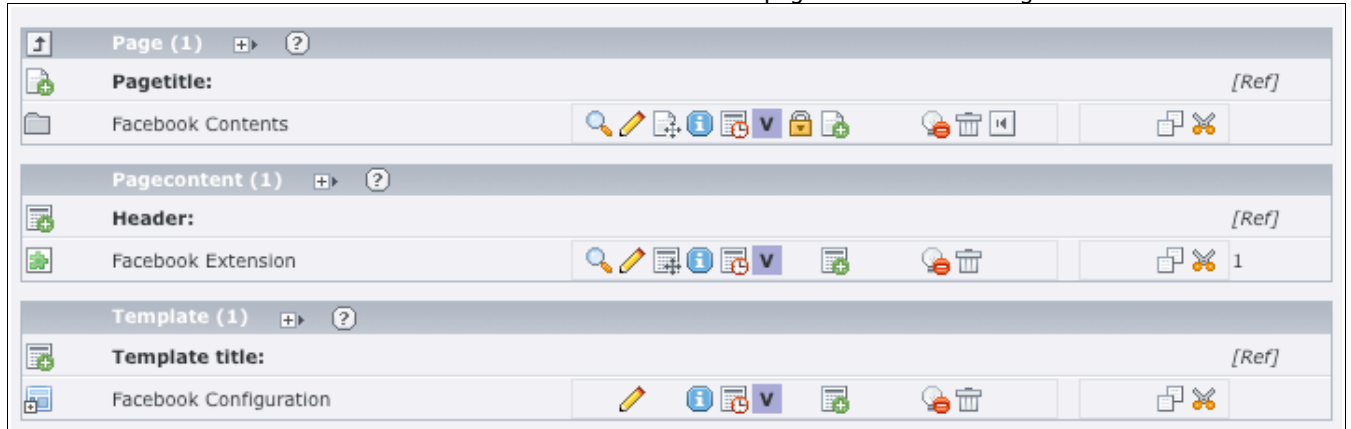
Then, **create the contents**. This can be any type of content element : from simple Text element to a more complex structure using a Flexible Content Element.



As we said in the "Fundamentals" chapter, you will be able to use up to four different content element to display on Facebook.

## Step 4 : Add and configure the Facebook Extension to the page

Now **add the Facebook extension** as a new content element on the page. The "Facebook Page" should contain all this :



The extension has five tabs : General, Main Page, Profile-Tab, Profile-Boxes, Options.

Here is the detail of every fields :

### "General" Tab

General	Main Page	Profile - Tab	Profile - Boxes	Options
Application Name				
<input type="text" value="TYPO3 Application for Facebook"/>				
Canvas Page URL (what comes after http://apps.facebook.com/ in the url of the main Application page - without slashes)				
<input type="text" value="typoextension"/>				
Displays a "More information" link in the profile boxes				
<input checked="" type="checkbox"/>				
"More information" link label				
<input type="text"/>				
Displays a "Share" button				
<input checked="" type="checkbox"/>				

#### Application Name

The name of your application

#### Canvas Page URL

what comes after http://apps.facebook.com/ in the url of the main Application page - without slashes. (see the "Configuration on Facebook" chapter)

#### Displays a "More information" link in the profile boxes

Checking this will display a "More information" link on every profile boxes. This will link to the main Application page.

#### "More information" link label

If you checked the former option, the label displayed will be "More information". You can change this label here.

#### Displays a "Share" button

Checking this will display a "Share" under every content provided by the application. This will facilitate the sharing of

information on Facebook because users can easily display the contents of the application on their wall.

#### “Main Page” tab

The screenshot shows the 'Main Page' tab selected in the configuration interface. It features a tab bar with 'General', 'Main Page', 'Profile - Tab', 'Profile - Boxes', and 'Options'. Below the tabs, there is a text field for 'Application page content' with a file selection icon. A checkbox labeled 'Pagecontent' is present. At the bottom, there is a checkbox for 'Hide the "Add to profile" button on the main Application page'.

#### Content of the main Application page

Choose the content element to display in the main Application page

#### Hide the "Add to profile" button on the main Application page

To add the application on their profile, the Facebook users have to click on this button. If you don't want them to, just uncheck it and the related link will not appear on the application page.

#### “Profile – Tab” tab

The screenshot shows the 'Profile - Tab' tab selected. It features a tab bar with 'General', 'Main Page', 'Profile - Tab', 'Profile - Boxes', and 'Options'. Below the tabs, there is a text field for 'Tab page content' with a file selection icon. A checkbox labeled 'Pagecontent' is present.

#### Content of the application tab on the user profile

Choose the content element to display in the left column of a user's profile. If no element is selected, the main Application page content will be displayed instead.

#### “Profile – Boxes” tab

The screenshot shows the 'Profile - Boxes' tab selected. It features a tab bar with 'General', 'Main Page', 'Profile - Tab', 'Profile - Boxes', and 'Options'. Below the tabs, there are two sections. The first section is for 'Wide Column Content' with a text field and a file selection icon, followed by a 'Pagecontent' checkbox. The second section is for 'Narrow Column Content' with a text field and a file selection icon, followed by a 'Pagecontent' checkbox.

The Boxes tab displays a selection of Applications that are not displayed in the left column of a profile's user. Facebook allows the application to display the Profile Boxes in two modes : Wide and Narrow. You can choose which type to display when editing the Application settings in Facebook (see chapter "Configuration in Facebook").

#### Content appears only in a wide profile box

Choose the content element to display in a wide box in the "Boxes" tab. If no element is selected, the main Application page content will be displayed instead.

#### Content appears only in a narrow profile box

Choose the content element to display in a narrow box in the "Boxes" tab. If no element is selected, the main Application page content will be displayed instead.



**“Options” tab**

General	Main Page	Profile - Tab	Profile - Boxes	Options
---------	-----------	---------------	-----------------	---------

Additional CSS rules for output rendering

```
h1{ margin: 10px; font-size: 24pt; }
h2{ margin: 15px; font-size: 20pt; }
```

**Additional CSS rules for output rendering**

Enter here any CSS rule that will be added to every content. These rules will be interpreted on Facebook Website

# Configuration on Facebook

## Where to do it ?

In order to create a Facebook application, you must have a Facebook account.

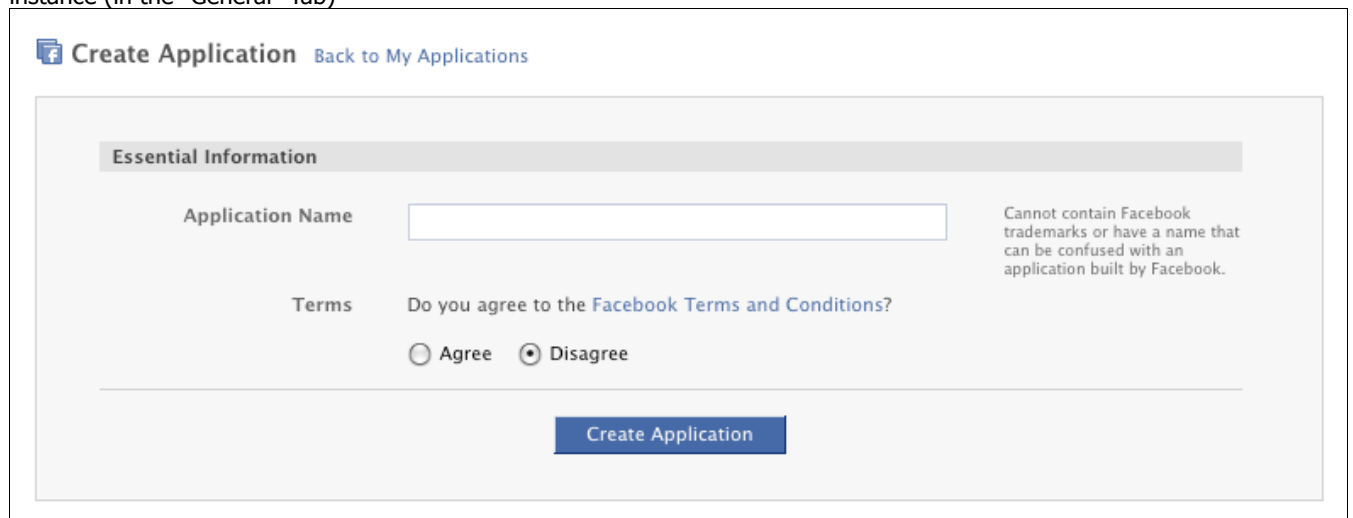
Then, go on <http://www.facebook.com/developers/>, and click on the "Set Up New Application" button a the top left of the page.

In the following steps, **we are not going to explain every fields** shown in the following screenshots, but **only those that must be configured** in order to make the Application work properly with the Facebook TYPO3 Extension.

## How to setup a new application ?

### Step 1 : Create an application

**Give a name** to your application. This name should be the same than the one given in the Facebook TYPO3 Extension instance (in the "General" Tab)



**Create Application** [Back to My Applications](#)

**Essential Information**

Application Name

Cannot contain Facebook trademarks or have a name that can be confused with an application built by Facebook.

Terms Do you agree to the [Facebook Terms and Conditions](#)?

☐ Agree ☒ Disagree

[Create Application](#)

## Step 2 : Setting the application

### Basic

Here you can provide general informations about your application and the contact. This step as no specific configuration related to the Facebook TYPO3 Extension.

Edit Typo3 Extension
[Back to My Applications](#)

Basic

Authentication

Profiles

Canvas

Connect

Widgets

Advanced

Migrations

Essential Information

Application Name

Typo3 Extension

Cannot contain Facebook trademarks or have a name that can be confused with an application built by Facebook.

Application ID

API Key

Your public API key.

Secret

Do not share your secret key with anyone.

Basic Information

Description

The plain text description of your application.

Icon

Change your icon

The image that appears next to your application name throughout Facebook.  
Limit: 16x16 px

Logo

Change your logo

The image that appears in the Application Directory and with your requests.  
Limit: 75x75 px

Language

English (US)

The native language of your application.

Developers

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Start typing a friend's name

Developers can edit this application and see it in sandbox mode. These names also appear on your application's Application Profile.

Contact Information

Developer Contact Email

rpresedo@cobweb.ch

The email address where Facebook can contact you.

User Support Address

☒ Email
☐ URL

rpresedo@cobweb.ch

The address where users can contact you about your application. You can enter an email address or an absolute URL.

User-Facing URLs

Bookmark URL

The URL to load when a user clicks your application's bookmark. If left blank, this field defaults to your Canvas or Connect URL.

Help URL

The absolute URL to your application's user help page.

Privacy URL

The absolute URL to your application's privacy settings page.

Terms of Service URL

The absolute URL to your application's terms of service.

Save Changes

## Authentication

Here you will give permissions to the users to display the application in different parts of Facebook. Here again, no specific configuration related to the Facebook TYPO3 Extension.

[Edit Typo3 Extension](#)
[Back to My Applications](#)

<div>Basic</div> <div>Authentication</div> <div>Profiles</div> <div>Canvas</div> <div>Connect</div> <div>Widgets</div> <div>Advanced</div> <div>Migrations</div>	<div>Authentication Settings</div> <div>                     Installable to?                     <input checked="" type="checkbox"/> Users                     <input checked="" type="checkbox"/> Facebook Pages                     <div>Which types of Facebook profile can your application be installed to?</div> </div> <div>Authentication Callback URLs</div> <div> <div>                         Post-Authorise Callback URL                         <input type="text"/> <div>Facebook pings this URL when a user first <a href="#">authorises your application</a>. Cannot be a Facebook-framed page.</div> </div> <div>                         Post-Remove Callback URL                         <input type="text"/> <div>Facebook pings this URL when a user removes your application. Cannot be a Facebook-framed page.</div> </div> </div> <div>Save Changes</div>
--	--

## Profiles

The only information for profiles related to the Facebook TYPO3 Extension configuration is the **default column of the Profile Box**.

Whether you choose the narrow or the wide column, the content displayed in that column will be provided by the content specified in the "Content appears only in a wide profile box" field of the "Profile – Boxes" tab in the TYPO3 extension configuration, or the content specified in the "Content appears only in a narrow profile box" field of the "Profile – Boxes" tab in the TYPO3 extension configuration.

Edit Typo3 Extension
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Profile Tab

Tab Name

The label for your [application tab](#) on a Profile.

Tab URL

Facebook pulls content for your tab from this URL, which must be relative to your canvas page.

Profile Box

Default Column

☐ Wide
☒ Narrow

Where your Profile box initially appears. Users can move the box elsewhere on the Profile.

Info Section

Information Update Callback URL

Facebook pings this URL when a user changes data in your application's [info section](#) on their profile.

Profile Publisher

Publish Text

The label for your application's [Publisher](#) link for creating content on a friend's Profile. Examples: Update Status, Share Link, Add Photos. You can use your application's name.

Publish Callback URL

Facebook pulls the content for your users' friends' Publisher interface from here.

Self-Publish Text

The label for your application's [Publisher](#) link for creating content on a user's own Profile. Examples: Update Status, Share Link, Add Photos. You can use your application's name.

Self-Publish Callback URL

Facebook pulls the content for your users' Publisher interface from here.

Facebook Page Administration

Edit URL

Page Administrators should be able to edit application settings at this URL.

Save Changes

## Canevas

Here is the **link between Facebook and you TYPO3 website**. This is where you tell Facebook the URL of the TYPO3 page that contains the Facebook TYPO3 Extension.

**Canevas Page URL**

**Select a base URL for the canevas pages** on Facebook for you application. This Canevas Page must be the same information than the Canvas Page URL specified in the "General" tab of the Facebook TYPO3 Extension configuration (see Configuration on TYPO3)

### Canvas Callback URL

This is **the full URL of the TYPO3 page** that contains the instance of the Facebook TYPO3 Extension. This url can be either a “speaking url” or not. The important information is to **add a “type=2010” parameter**. This parameter will tell TYPO3 to display the content provided by the Facebook TYPO3 Extension.

For example :

http://www.mywebsite.com/index.php?id=123&type=2010

<http://www.mywebsite.com/facebook/?type=2010>

http://125.56.34.5/index.php?id=123&type=2010

## Render Method

This option **must be set to FBML**.

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Required URLs

Canvas Page URL

http://apps.facebook.com/typoextension/

Canvas Callback URL

http://www.mywebsite.com/facebook/?type=2010

The base URL for your canvas pages on Facebook.

Facebook pulls the content for your application's canvas pages from this URL or directory. For more information, see the [documentation](#)

Optional URLs

Post-Authorise Redirect URL

Where to redirect users when they first [authorise your application](#). If left blank, this field defaults to the Canvas Page URL.

Canvas settings

Render Method

☐ IFrame

☒ FBML

IFrame Size

☒ Smart size

☐ Resizable

Canvas Width

☒ Full width (760px)

☐ Old width (646px)

Quick Transitions

☐ On

☒ Off

Choose whether you will render your canvas page in an [iFrame](#) or with [FBML](#). Note that you can use [XFBML](#) in an iFrame.

For iFrame applications, choose whether you want to [smartsize](#) the iFrame so it fits in the remaining space on the canvas page, or to make it [resizable](#).

If you haven't updated your canvas pages to the wider width of the new Profile, this centres your narrower content on the wider canvas.

Speeds up page transitions on canvas pages by skipping the reload of the Facebook frame

Save Changes

## Connect

No specific configuration related to the Facebook TYPO3 Extension here.


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### Facebook Connect settings

Connect URL
Your Connect site's main URL.

Facebook Connect Logo


[Change your logo](#)

The image that appears in the Facebook Connect dialogue. Limit: 99px wide and 22px tall.

Account Preview URL
Facebook pulls the content from here and displays it to the user in a Facebook Connect request.

Base Domain
Use this to enable your Facebook Connect implementation to span multiple subdomains (e.g. using example.com would enable foo.example.com and bar.example.com).

Account Reclamation URL
A URL that will be provided to a user that deactivates their Facebook account, to allow an independent account to be set up. See further documentation.

Save Changes

## Widgets

No specific configuration related to the Facebook TYPO3 Extension here.

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### Widgets administration

Application Developers
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Administrators
Start typing a friend's name
Widget Administrators can edit widget settings. Note that all application developers can also act as Administrators.

Moderators
Start typing a friend's name
Widget Moderators can moderate content, whitelists and blacklists.

Notification subscribers
☐ Include me
Subscribers will receive a notification whenever content is added.

### Comments box global settings

Permissions Mode
☐ Whitelist Mode
☒ Blacklist Mode
Whitelist Mode: content can only be viewed by users on the Whitelist. Blacklist Mode: content can be viewed by anyone not on the Blacklist.

Whitelist
Start typing a friend's name
In Whitelist Mode, only these users can view content.

Blacklist
[no users]
In Blacklist Mode, these users cannot interact with widgets.

Allow Anonymous Comments
☒ Yes
☐ No
Allow users without a Facebook account to comment using name and email address.

Save Changes





## Known problems

- None