
CM Social Post Documentation

Release 1.0.1

CMExtension

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This documentation gives you instruction how to install and setup CM Social Post on your Joomla! website.

Contents:

Overview

CM Social Post is a Joomla! component developed by [CMExtension](#), CM Social Post helps you schedule your posts to Facebook and Twitter in once place.

With CM Social Post you can post to unlimited Facebook personal timelines, Facebook pages and Twitter accounts at the same time. You can also schedule your posts to post it in future (cron job required).

CM Social Post is compatible with Joomla! 3.x, the latest version of Joomla! 3.x is recommended. CM Social Post is not compatible with Joomla! 1.x or 2.x.

CM Social Post also requires:

- A Facebook application to post to Facebook
- A Twitter application to tweet to twitter
- A Bitly application to shorten URLs with Bitly
- Cron job if you want to schedule your posts

More social networks like LinkedIn or Tumblr will be supported in future.

Install & update

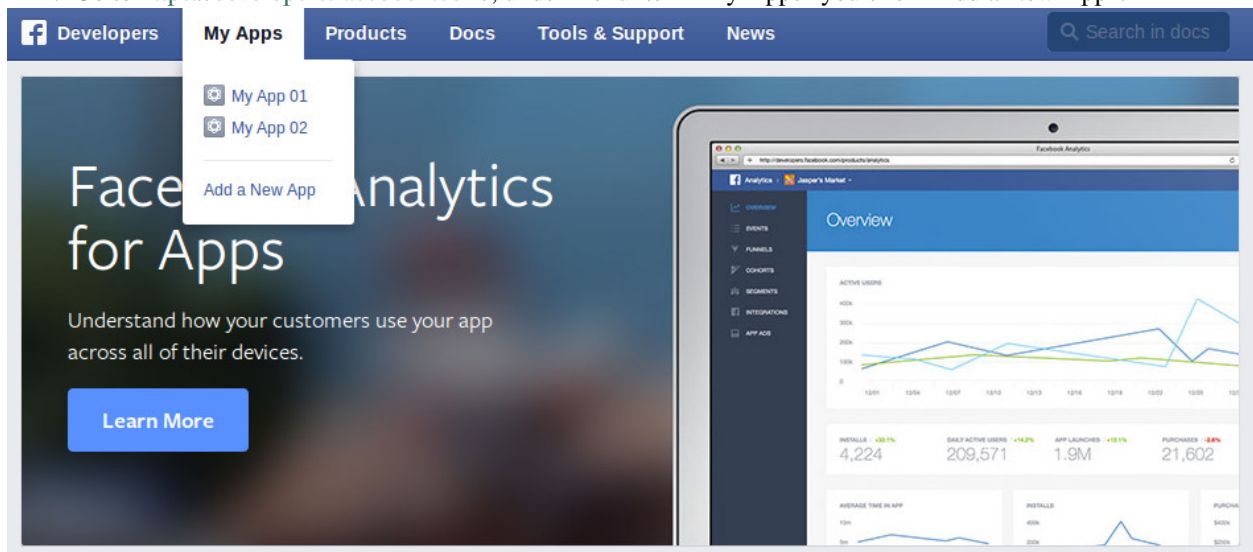
After download CM Social Post package from our website, you just need to upload the package via Extension Manager to install. The component and the plugins are automatically installed.

To update, you just need to install the package of the new version, no extra step is required.

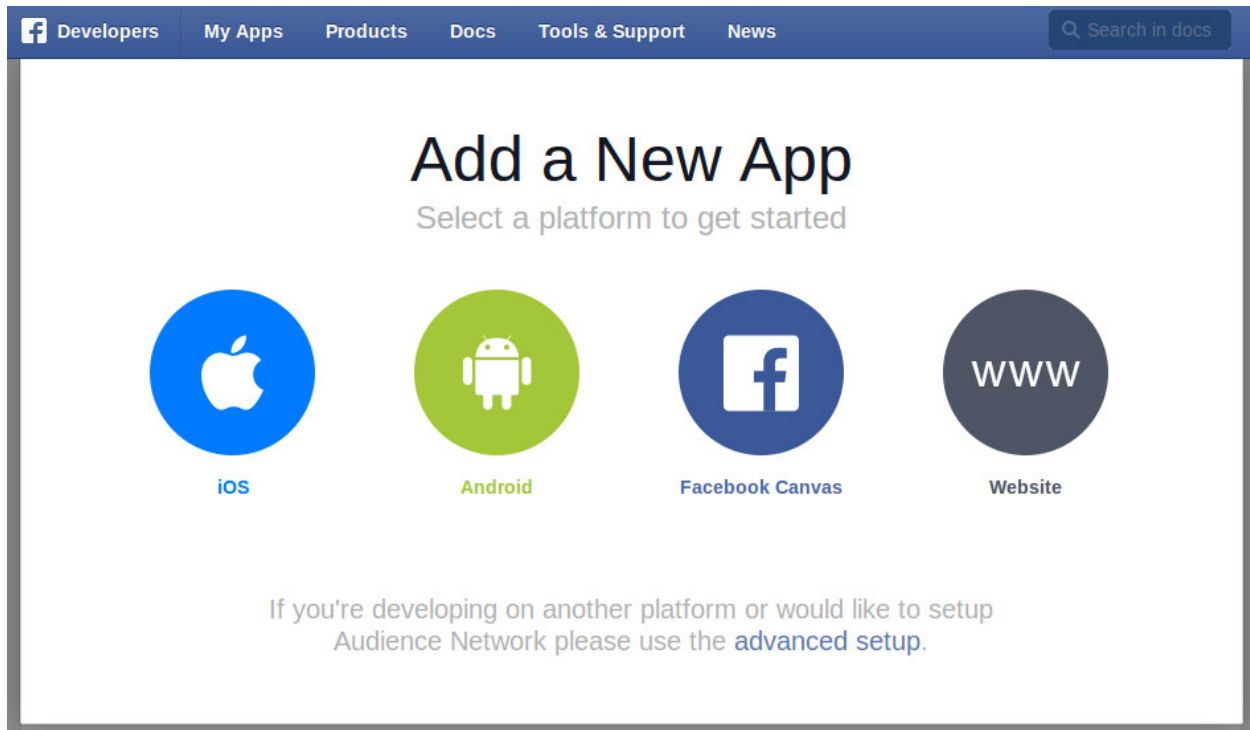
Facebook application

To post to Facebook, you need to have a Facebook application. Follow the following steps if you need to create one.

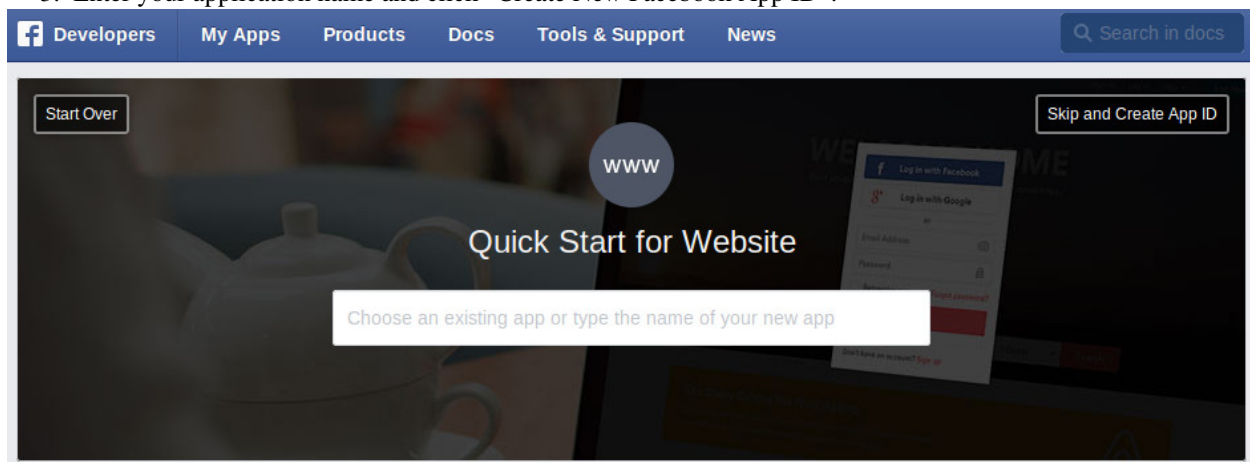
1. Go to <https://developers.facebook.com/>, under menu item “My Apps” you click “Add a New App”.



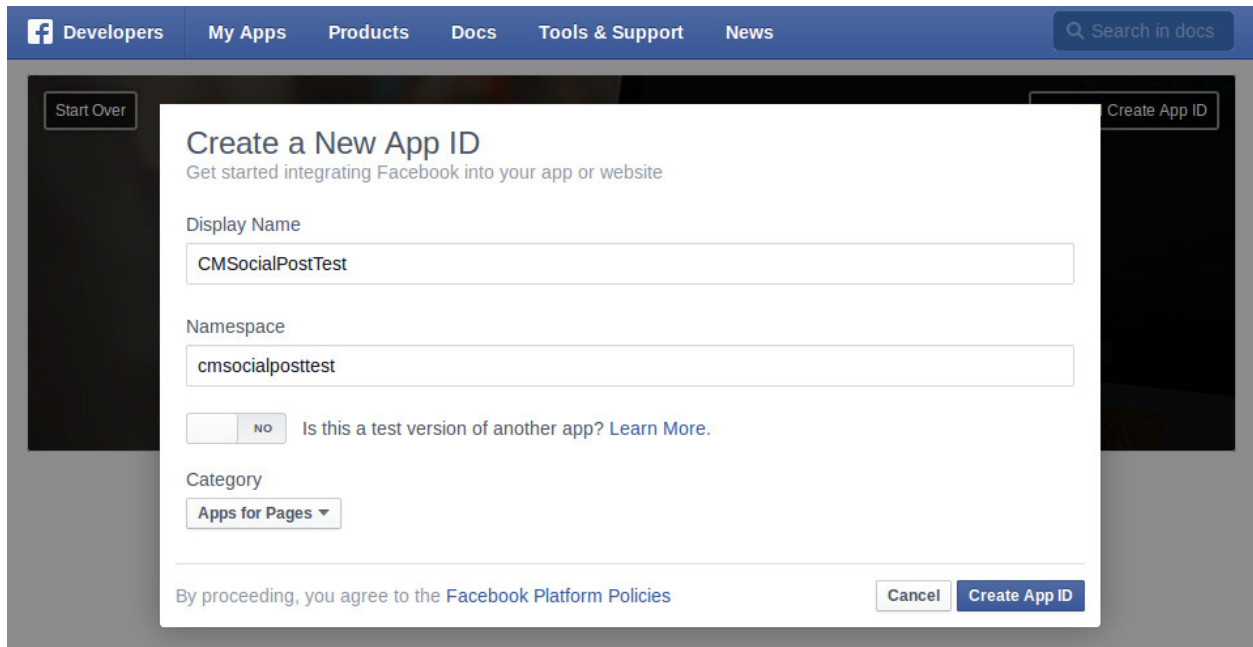
2. Select “Website” in the popup.



3. Enter your application name and click “Create New Facebook App ID”.



4. Select a category, click “Create App ID” button.



The screenshot shows the Facebook Developers 'Create a New App ID' form. The form is titled 'Create a New App ID' with the subtitle 'Get started integrating Facebook into your app or website'. It contains the following fields and options:

- Display Name:** A text input field containing 'CMSocialPostTest'.
- Namespace:** A text input field containing 'cmsocialposttest'.
- Is this a test version of another app?:** A checkbox labeled 'NO' is selected, followed by the text 'Is this a test version of another app? [Learn More.](#)'
- Category:** A dropdown menu showing 'Apps for Pages'.
- Agreement:** A line of text stating 'By proceeding, you agree to the [Facebook Platform Policies](#)'.
- Buttons:** 'Cancel' and 'Create App ID' buttons are at the bottom right.

5. Click “Settings” on the left side menu.



The screenshot shows the Facebook Developers 'Dashboard' for the app 'CMSocialPostTest'. The left sidebar contains a menu with the following items:

- CMSocialPostTest (selected)
- Dashboard
- Settings
- Status & Review
- App Details
- Roles
- Open Graph
- Alerts
- Localize
- Canvas Payments

The main content area is titled 'Dashboard' and displays the following information:

- App Icon:** A blue square icon with a white atom-like symbol.
- App Name:** 'CMSocialPostTest' with a green status indicator.
- App Description:** 'This app is in development mode and can only be used by app admins, developers and testers [?]'.
- App ID:** '1234567890'.
- API Version:** 'v2.4'.
- App Secret:** A masked secret (dots) with a 'Show' button.
- Get Started with the Facebook SDK:** A section with a 'Choose a Platform' button.
- Secure Your App Settings:** A section with a 'Try It Now' button.

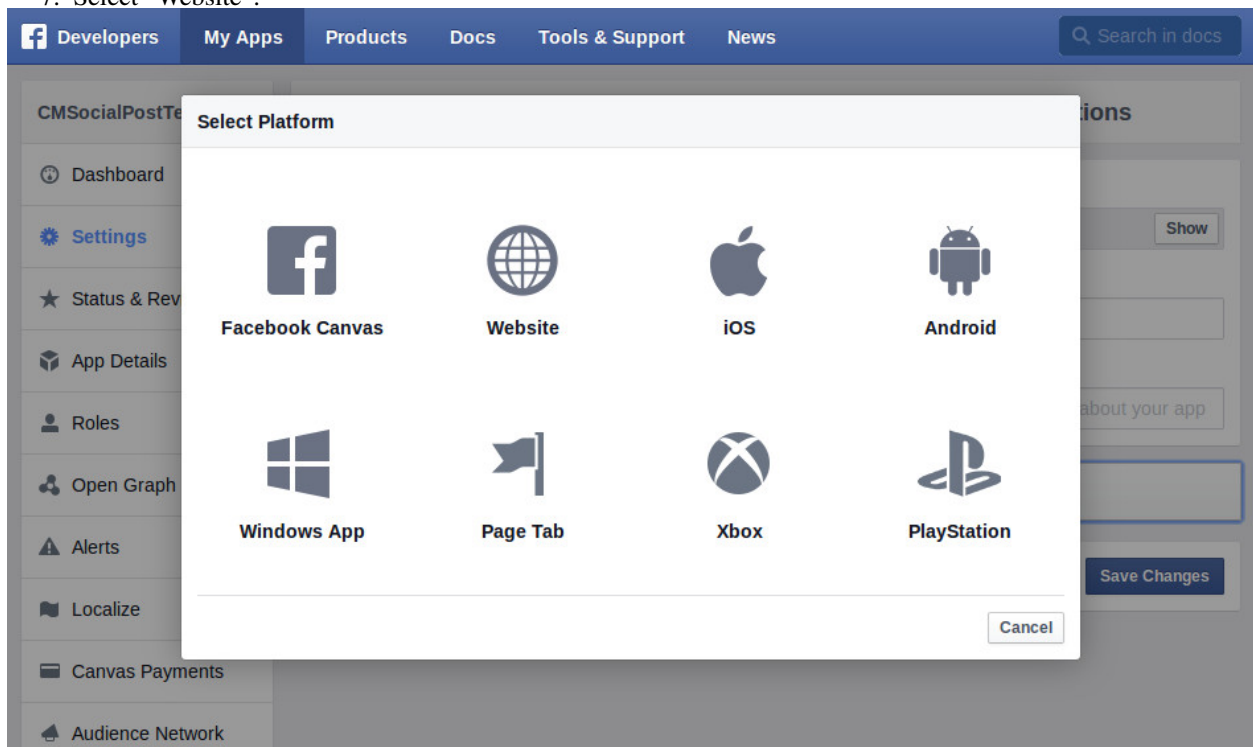
6. Click “Add Platform” button.

The screenshot shows the Facebook Developers 'My Apps' page for an application named 'CMSocialPostTest'. The 'Basic' tab is selected, displaying the following fields:

- App ID:** 1234567890
- App Secret:** A masked field with a 'Show' button.
- Display Name:** CMSocialPostTest
- Namespace:** cmsocialposttest
- App Domains:** An empty text field.
- Contact Email:** A text field with the placeholder text 'Used for important communication about your app'.

Below the form is a '+ Add Platform' button. At the bottom of the 'Basic' tab are three buttons: 'Delete App' (red), 'Discard', and 'Save Changes'.

7. Select “Website”.



8. Enter your Joomla! website’s URL.

The screenshot shows the Facebook Developer console interface. The top navigation bar includes 'Developers', 'My Apps', 'Products', 'Docs', 'Tools & Support', and 'News'. A search bar is on the right. The left sidebar lists navigation options: Dashboard, Settings (highlighted), Status & Review, App Details, Roles, Open Graph, Alerts, Localize, Canvas Payments, Audience Network, and Test Apps. The main content area is titled 'CMSocialPostTest' and has three tabs: 'Basic' (selected), 'Advanced', and 'Migrations'. Under the 'Basic' tab, there are fields for 'App ID' (1234567890), 'App Secret' (masked with dots and a 'Show' button), 'Display Name' (CMSocialPostTest), 'Namespace' (cmsocialposttest), 'App Domains' (empty), and 'Contact Email' (placeholder: 'Used for important communication about your app'). Below these is a 'Website' section with a 'Site URL' field containing 'http://www.yoursite.com/' and a 'Quick Start' button. At the bottom of the main area are buttons for 'Delete App', 'Discard', and 'Save Changes'.

9. Switch to “Advanced” tab, you see a message about “OAuth redirect URIs”

The screenshot shows the Facebook Developer console interface with the 'Advanced' tab selected. A red warning banner at the top states: 'Client OAuth login is enabled but you haven't listed any valid OAuth redirect URIs. Click [here](#) for more information.' The 'Basic' tab is also visible. The 'Advanced' tab contains a toggle for 'Native or desktop app?' (set to 'NO') with the text 'Enable if your app is a native or desktop app'. Below this is a 'Deauthorize Callback URL' field with the placeholder 'What should we ping when a user deauthorizes your app?'. The 'App Restrictions' section includes: 'Contains Alcohol' (toggle 'NO', text 'Restricts age in some locations [?]'), 'Age Restriction' (dropdown menu set to 'Anyone (13+)'), 'Social Discovery' (toggle 'YES', text 'App shows up in Newsfeed'), and 'Country Restricted' (toggle 'NO', text 'Restrict app to users in selected countries').

10. Scroll down and enter your website’s URL into “Valid OAuth redirect URIs” field.

Client OAuth Settings

YES

Client OAuth Login
 Enables the standard OAuth client token flow. Secure your application and prevent abuse by locking down which token redirect URIs are allowed with the options below. Disable globally if not used. [?]

YES

Web OAuth Login
 Enables web based OAuth client login for building custom login flows. [?]

NO

Force Web OAuth Reauthentication
 When on, prompts people to enter their Facebook password in order to log in on the web. [?]

NO

Embedded Browser OAuth Login
 Enables browser control redirect uri for OAuth client login. [?]

Valid OAuth redirect URIs

http://www.yoursite.com/ x |

NO

Login from Devices
 Enables the OAuth client login flow for devices like a smart TV [?]

11. Facebook has a feature to include app's secret to API calls for security, CM Social Post is compatible with this feature, you can set "Require App Secret" to "Yes" if you want enable this feature for your application.

YES

Require App Secret
 Require app secret for server API calls

NO

Require 2-Factor Reauthorization
 Require 2-fac to change application settings

YES

Allow API Access to App Settings
 Set to No to prevent changes to app settings through API calls

Facebook personal timeline plugin

To be able to post to a personal account's timeline, you need to enable "CM Social Post - Facebook social network (Timeline)" plugin.

In your back-end, go to Extensions -> Plugins, search for "Facebook", click "CM Social Post - Facebook social network (Timeline)" plugin to edit its settings.

The screenshot shows the Joomla! Plugin Manager interface. The top navigation bar includes System, Users, Menus, Content, Components, Extensions, and Help. The main header is "Plugin Manager: Plugins". Below the header are buttons for Edit, Enable, Disable, and Check-in. A search bar contains the text "facebook". To the right of the search bar are dropdowns for Type, Ascending, and 20. Below the search bar is a table with columns: Status, Plugin Name, Type, Element, Access, and ID. The table contains two entries:

Status	Plugin Name	Type	Element	Access	ID
<input type="checkbox"/>	CM Social Post - Facebook social network (Timeline)	cmspnetwork	fbtimeline	Public	10025
<input type="checkbox"/>	CM Social Post - Facebook social network (Page)	cmspnetwork	fbpage	Public	10024

Enter your application ID and your application secret into the fields, enable the plugin and save.

The screenshot shows the Joomla! Plugin Manager interface for the "CM Social Post - Facebook social network (Timeline)" plugin. The top navigation bar includes System, Users, Menus, Content, Components, Extensions, and Help. The main header is "Plugin Manager: CM Social Post - Facebook social network (Timeline)". Below the header are buttons for Save, Save & Close, and Close. A tab labeled "Plugin" is selected. The main content area shows the plugin details:

CM Social Post - Facebook social network (Timeline)

cmspnetwork / fbtimeline

Facebook Timeline integration plugin for CM Social Post component.

Application ID:

Application secret:

Status: Disabled

Access: Public

Ordering: 0. CM Social Post - Twitter s...

Plugin Type: cmspnetwork

Plugin File: fbtimeline

You can find your application ID and secret in your application's dashboard. To get application secret you need to click

“Show” button then enter your Facebook’s password.



The screenshot shows the Facebook Developers dashboard for an application named "CMSocialPostTest". The top navigation bar includes links for Developers, My Apps, Products, Docs, Tools & Support, and News, along with a search bar. The left sidebar lists various app management options: Dashboard (selected), Settings, Status & Review, App Details, Roles, Open Graph, Alerts, Localize, and Canvas Payments. The main content area, titled "Dashboard", displays the app's icon, name, and a note that it is in development mode. It also shows the App ID (1234567890), API Version (v2.4), and App Secret (masked with dots and a "Show" button). Below this, there are two prominent sections: "Get Started with the Facebook SDK" with a "Choose a Platform" button, and "Secure Your App Settings" with a "Try It Now" button.

CMSocialPostTest ▾

- Dashboard
- Settings
- Status & Review
- App Details
- Roles
- Open Graph
- Alerts
- Localize
- Canvas Payments

Dashboard

 **CMSocialPostTest** ○

This app is in development mode and can only be used by app admins, developers and testers [?]

App ID: 1234567890 API Version [?]: v2.4 App Secret: ●●●●●●●● [Show](#)

Get Started with the Facebook SDK

Use our quick start guides to set up the Facebook SDK for your iOS or Android app, Canvas game or website.

[Choose a Platform](#)

Secure Your App Settings

Use our app security checkup tool to see how secure your app is and identify potential vulnerabilities.

[Try It Now](#)

Facebook page timeline plugin

To be able to post to a page's timeline, you need to enable "CM Social Post - Facebook social network (Page)" plugin. In your back-end, go to Extensions -> Plugins, search for "Facebook", click "CM Social Post - Facebook social network (Page)" plugin to edit its settings.

The screenshot shows the Joomla! Plugin Manager interface. At the top, there's a navigation bar with menus like System, Users, Menus, Content, Components, Extensions, and Help. Below this, the title is "Plugin Manager: Plugins". There are buttons for Edit, Enable, Disable, and Check-in. A search bar contains the text "facebook". To the right of the search bar are dropdowns for Type, Ascending, and 20. Below the search bar is a table with columns: Status, Plugin Name, Type, Element, Access, and ID. Two plugins are listed:

Status	Plugin Name	Type	Element	Access	ID
<input type="checkbox"/>	CM Social Post - Facebook social network (Timeline)	cmspnetwork	fbtimeline	Public	10025
<input type="checkbox"/>	CM Social Post - Facebook social network (Page)	cmspnetwork	fbpage	Public	10024

Enter your application ID and your application secret into the fields, enable the plugin and save.

The screenshot shows the Joomla! Plugin Manager interface for the "CM Social Post - Facebook social network (Timeline)" plugin. The title is "Plugin Manager: CM Social Post - Facebook social network (Timeline)". There are buttons for Save, Save & Close, and Close. Below this, there's a tab labeled "Plugin". The main content area shows the plugin details:

CM Social Post - Facebook social network (Timeline)

Facebook Timeline integration plugin for CM Social Post component.

Application ID:

Application secret:

Status: **Disabled**

Access: **Public**

Ordering: **0. CM Social Post - Twitter s...**

Plugin Type: **cmspnetwork**

Plugin File: **fbtimeline**

You can find your application ID and secret in your application's dashboard. To get application secret you need to click "Show" button then enter your Facebook's password.

 Developers

My Apps

Products

Docs

Tools & Support

News

Search in docs

CMSocialPostTest

Dashboard

Settings

Status & Review

App Details

Roles

Open Graph

Alerts

Localize

Canvas Payments

Dashboard



CMSocialPostTest

This app is in development mode and can only be used by app admins, developers and testers [?]

App ID

1234567890

API Version [?]

v2.4

App Secret

.....

Show

Get Started with the Facebook SDK

Use our quick start guides to set up the Facebook SDK for your iOS or Android app, Canvas game or website.

Choose a Platform

Secure Your App Settings

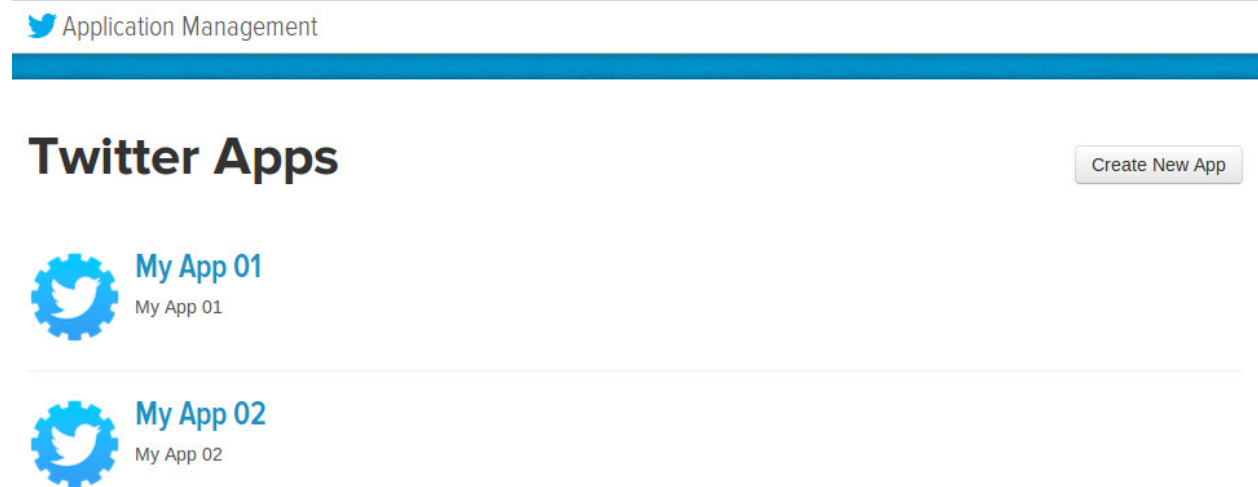
Use our app security checkup tool to see how secure your app is and identify potential vulnerabilities.

Try It Now

Twitter application

You need to create a Twitter application to be able to tweet to your Twitter accounts. You go to <https://apps.twitter.com/> to create an application.

1. Click “Create New App”.



2. Provide the required information. Ensure you also enter your site URL in Callback URL field, otherwise callback will be disabled and you will get error when connecting to Twitter.

Create an application

Application Details

Name *

Your application name. This is used to attribute the source of a tweet and in user-facing authorization screens. 32 characters max.

Description *

Your application description, which will be shown in user-facing authorization screens. Between 10 and 200 characters max.

Website *

Your application's publicly accessible home page, where users can go to download, make use of, or find out more information about your application. This fully-qualified URL is used in the source attribution for tweets created by your application and will be shown in user-facing authorization screens. (If you don't have a URL yet, just put a placeholder here but remember to change it later.)

Callback URL

Where should we return after successfully authenticating? [OAuth 1.0a](#) applications should explicitly specify their `oauth_callback` URL on the request token step, regardless of the value given here. To restrict your application from using callbacks, leave this field blank.

Developer Agreement

Effective: May 18, 2015.

This Twitter Developer Agreement ("**Agreement**") is made between you (either an individual or an entity, referred to herein as "**you**") and Twitter, Inc. and Twitter International Company (collectively, "**Twitter**") and governs your access to and use of the Licensed Material (as defined below).

PLEASE READ THE TERMS AND CONDITIONS OF THIS AGREEMENT CAREFULLY, INCLUDING WITHOUT LIMITATION ANY LINKED TERMS AND CONDITIONS APPEARING OR REFERENCED BELOW, WHICH ARE HEREBY MADE PART OF THIS LICENSE AGREEMENT. BY USING THE LICENSED MATERIAL, YOU ARE AGREEING THAT YOU HAVE READ, AND THAT YOU AGREE TO COMPLY WITH AND TO BE BOUND BY THE TERMS AND CONDITIONS OF THIS AGREEMENT AND ALL APPLICABLE LAWS AND REGULATIONS IN THEIR ENTIRETY WITHOUT LIMITATION OR QUALIFICATION. IF YOU DO NOT AGREE TO BE BOUND BY THIS AGREEMENT, THEN YOU MAY NOT ACCESS OR OTHERWISE USE THE LICENSED MATERIAL. THIS AGREEMENT IS EFFECTIVE AS OF THE FIRST DATE THAT YOU USE THE LICENSED MATERIAL ("**EFFECTIVE DATE**").

IF YOU ARE AN INDIVIDUAL REPRESENTING AN ENTITY, YOU ACKNOWLEDGE THAT YOU HAVE THE APPROPRIATE AUTHORITY TO ACCEPT THIS AGREEMENT ON BEHALF OF SUCH ENTITY. YOU MAY NOT USE THE LICENSED MATERIAL AND MAY NOT ACCEPT THIS AGREEMENT IF YOU ARE NOT OF LEGAL AGE TO FORM A BINDING CONTRACT WITH TWITTER OR

☒ Yes, I agree

Create your Twitter application

- After your app is created, click "Keys and Access Tokens" tab to get API key and API secret.

Your application has been created. Please take a moment to review and adjust your application's settings.

CMSocialPostTest

[Test OAuth](#)[Details](#)[Settings](#)[Keys and Access Tokens](#)[Permissions](#)

CMSocialPost Test

<http://www.yoursite.com>

Organization

Information about the organization or company associated with your application. This information is optional.

Organization

Organization website

4. Consumer key (or API key), consumer secret (API secret) are the values you need to enter in your Twitter Joomla! plugin.

CMSocialPostTest

[Test OAuth](#)[Details](#)[Settings](#)[Keys and Access Tokens](#)[Permissions](#)

Application Settings

Keep the "Consumer Secret" a secret. This key should never be human-readable in your application.

Consumer Key (API Key)

Consumer Secret (API Secret)

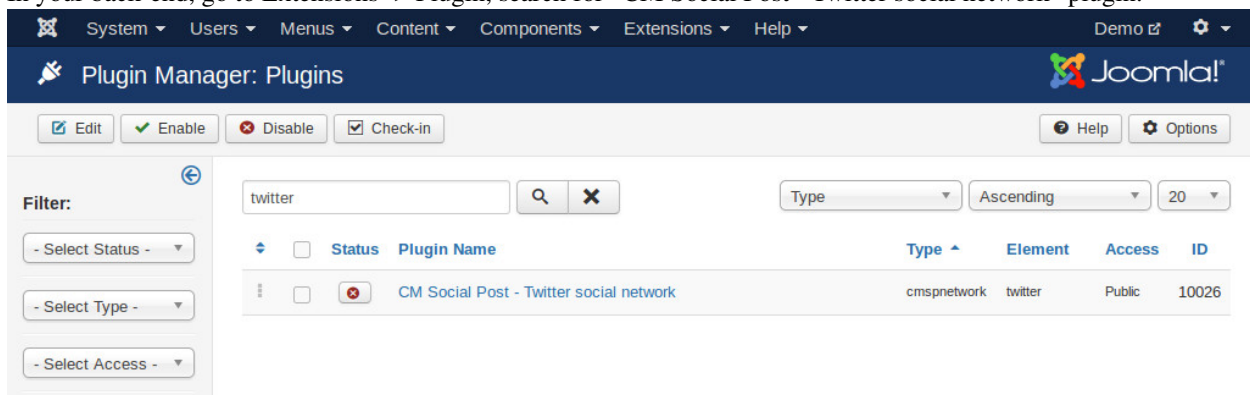
Access Level

Owner

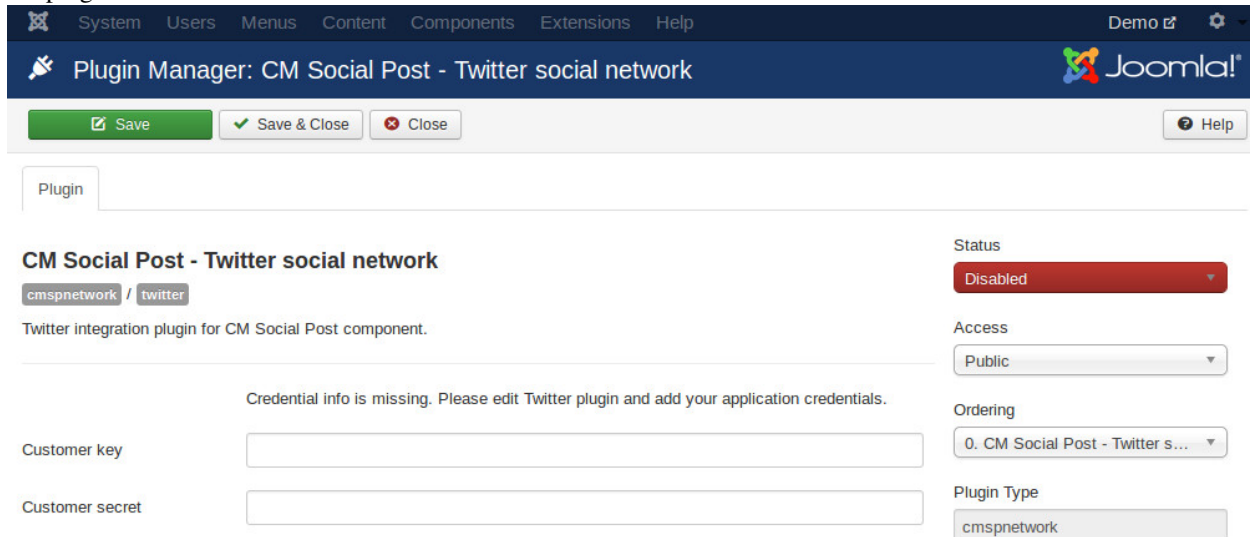
Owner ID

Twitter plugin

In your back-end, go to Extensions -> Plugin, search for “CM Social Post - Twitter social network” plugin.



Edit the plugin, you set “Status” to “Enabled”, enter the API key and API secret of your Twitter application then save the plugin.



After saving the plugin, you see a new button “Get Bearer Token”, click that button to generate your application’s bearer token.

System Users Menus Content Components Extensions Help
Demo

Plugin Manager: CM Social Post - Twitter social network
Joomla!

Save Save & Close Close Help

Message
Plugin successfully saved.

Plugin

CM Social Post - Twitter social network

cmspnetwork / twitter

Twitter integration plugin for CM Social Post component.

No bearer token found. Click Get Bearer Token button below to gain a new token.
Get Bearer Token

Customer key XXXX
Customer secret YYYY

Status Enabled
Access Public
Ordering 0. CM Social Post - Twitter s...
Plugin Type cmspnetwork

Save the plugin again to save your bearer token.

System Users Menus Content Components Extensions Help
Demo

Plugin Manager: CM Social Post - Twitter social network
Joomla!

Save Save & Close Close Help

Plugin

CM Social Post - Twitter social network

cmspnetwork / twitter

Twitter integration plugin for CM Social Post component.

Successfully gained a bear token for your Twitter application. Please save the plugin to save the token.

Customer key XXXX
Customer secret YYYY

Status Enabled
Access Public
Ordering 0. CM Social Post - Twitter s...
Plugin Type cmspnetwork

Shortening services

If you want to include a long URL to your post, you can't submit your post to Twitter if your post's length is longer than Twitter's 140 characters limitation. A long URL could also make your post not look good.

CM Social Post gives you ability to shorten your link before submitting to social networks. You can also include Google Analytics parameters to the URL before shortening, so you can track the sources of the visits from social networks.

There are 2 shortening services supported: is.gd and Bitly. Every service is a Joomla! plugin which is installed automatically when you install the package of CM Social Post.

8.1 Bitly

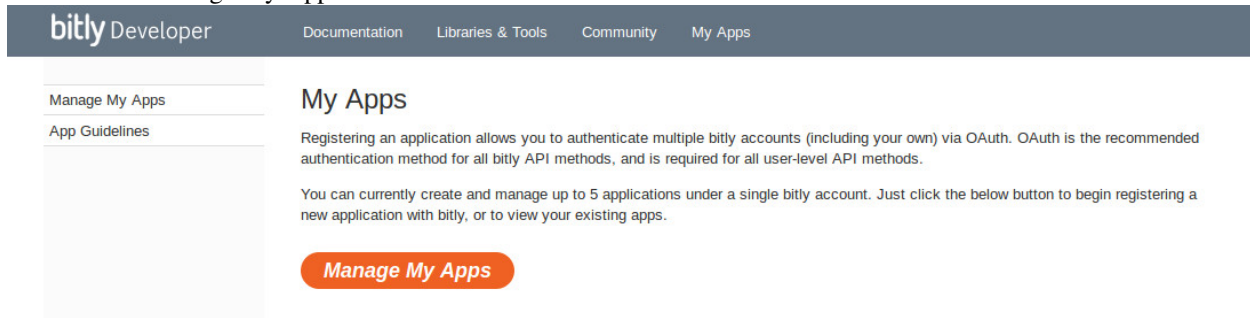
1. To use Bitly you need to go to <https://www.bitly.com/> to create a new account.
2. After logging in you go to <https://dev.bitly.com/> to create a new application.
3. You click "My Apps" in the top menu.

The screenshot shows the Bitly Developer website. At the top, there is a navigation bar with the following links: **bitly Developer**, Documentation, Libraries & Tools, Community, and My Apps. Below the navigation bar, there is a large section titled "API Documentation and Resources". This section contains a welcome message: "Welcome, developers! Here you will find our API documentation, best practices, code libraries, public data sets, and other goodies. Click the big orange button to get started, or dive right in to the docs below." Below the text is a prominent orange button labeled "Get Started".

At the bottom of the screenshot, there is a grid of four categories, each with a list of links:

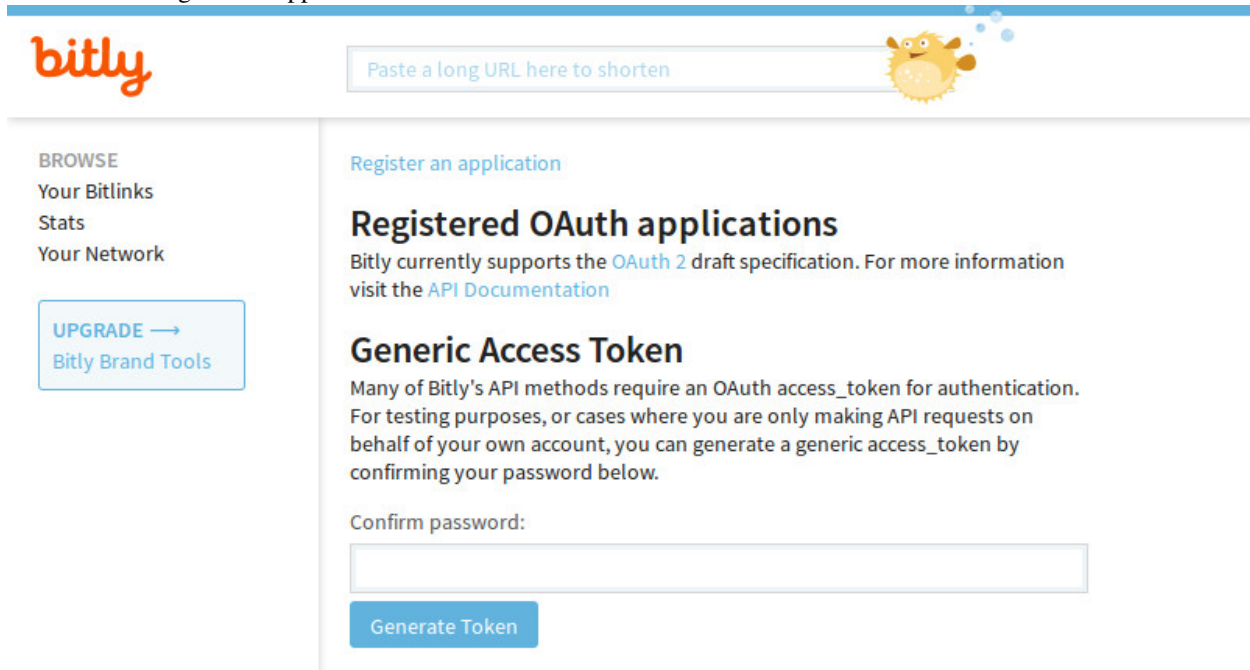
Documentation	Libraries & Tools	Community	My Apps
Getting Started	Code Libraries	API Discussion Group	Manage My Apps
API Documentation	iOS Tools	Engineering Blog	App Guidelines
Best Practices	Public Bitly Data	Contact Us	

- Click “Manage My Apps”.



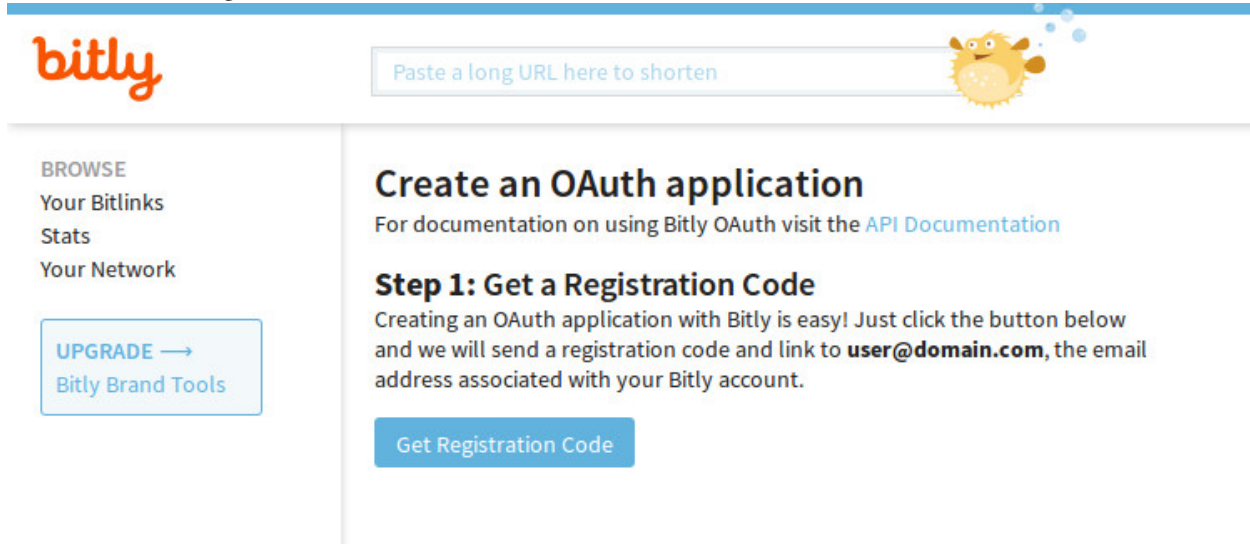
The screenshot shows the Bitly Developer interface. At the top is a navigation bar with 'bitly Developer' and links for 'Documentation', 'Libraries & Tools', 'Community', and 'My Apps'. On the left, a sidebar contains 'Manage My Apps' and 'App Guidelines'. The main content area is titled 'My Apps' and contains the following text: 'Registering an application allows you to authenticate multiple bitly accounts (including your own) via OAuth. OAuth is the recommended authentication method for all bitly API methods, and is required for all user-level API methods.' Below this, it says: 'You can currently create and manage up to 5 applications under a single bitly account. Just click the below button to begin registering a new application with bitly, or to view your existing apps.' At the bottom of the main content area is an orange button labeled 'Manage My Apps'.

- Click “Register an application”.



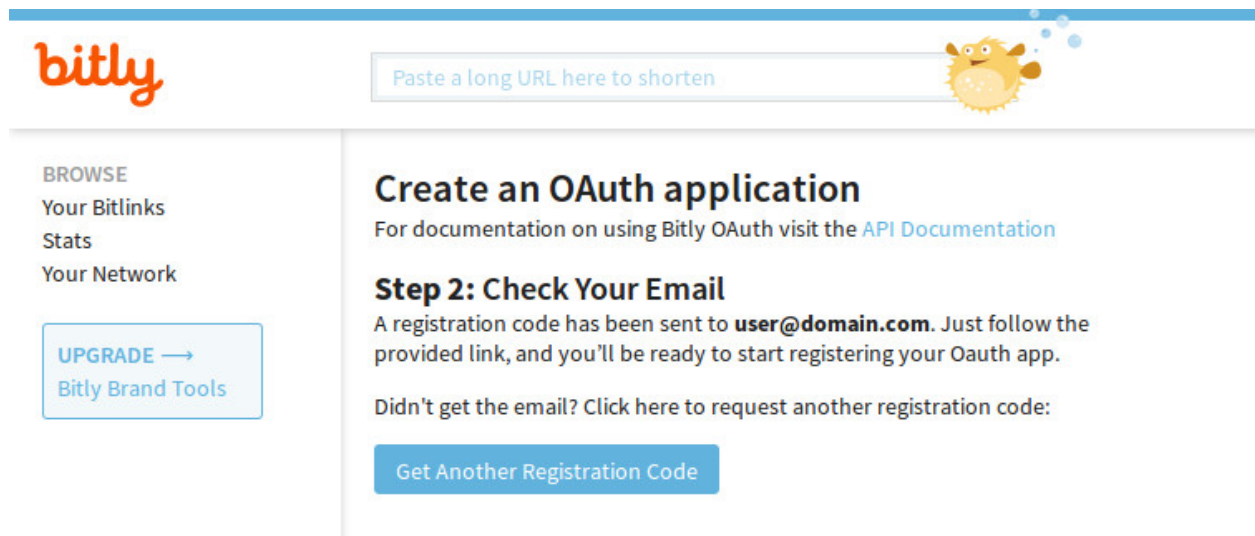
The screenshot shows the Bitly website. At the top is the Bitly logo and a search bar with the placeholder text 'Paste a long URL here to shorten'. Below the logo is a sidebar with the heading 'BROWSE' and links for 'Your Bitlinks', 'Stats', and 'Your Network'. There is also a blue button labeled 'UPGRADE → Bitly Brand Tools'. The main content area has the heading 'Register an application' and 'Registered OAuth applications'. It states: 'Bitly currently supports the OAuth 2 draft specification. For more information visit the API Documentation'. Below this is the heading 'Generic Access Token' and the text: 'Many of Bitly's API methods require an OAuth access_token for authentication. For testing purposes, or cases where you are only making API requests on behalf of your own account, you can generate a generic access_token by confirming your password below.' There is a text input field for 'Confirm password:' and a blue button labeled 'Generate Token'.

- Click “Get Registration Code” button.



The screenshot shows the Bitly website. At the top is the Bitly logo and a search bar with the placeholder text 'Paste a long URL here to shorten'. Below the logo is a sidebar with the heading 'BROWSE' and links for 'Your Bitlinks', 'Stats', and 'Your Network'. There is also a blue button labeled 'UPGRADE → Bitly Brand Tools'. The main content area has the heading 'Create an OAuth application' and the text: 'For documentation on using Bitly OAuth visit the API Documentation'. Below this is the heading 'Step 1: Get a Registration Code' and the text: 'Creating an OAuth application with Bitly is easy! Just click the button below and we will send a registration code and link to user@domain.com, the email address associated with your Bitly account.' At the bottom of the main content area is a blue button labeled 'Get Registration Code'.

- Registration code is sent to your email address.



The screenshot shows the Bitly website interface. At the top, there is a blue header with the Bitly logo on the left and a search bar on the right with the placeholder text "Paste a long URL here to shorten". Below the header, the main content area is divided into two columns. The left column contains a sidebar with the heading "BROWSE" and links for "Your Bitlinks", "Stats", and "Your Network". Below these links is a blue button that says "UPGRADE → Bitly Brand Tools". The right column features a large heading "Create an OAuth application" followed by a link to "API Documentation". Below this, a section titled "Step 2: Check Your Email" explains that a registration code has been sent to "user@domain.com" and provides instructions on how to proceed. A link is provided for users who didn't get the email, and a blue button labeled "Get Another Registration Code" is at the bottom of this section.

bitly

Paste a long URL here to shorten

BROWSE

Your Bitlinks

Stats

Your Network

UPGRADE →
Bitly Brand Tools

Create an OAuth application

For documentation on using Bitly OAuth visit the [API Documentation](#)


Step 2: Check Your Email


A registration code has been sent to **user@domain.com**. Just follow the provided link, and you'll be ready to start registering your OAuth app.

Didn't get the email? Click here to request another registration code:

Get Another Registration Code

8. Click the link in the email Bitly, you are taken to the form to finish creating your application. Enter your application's name and description, your Joomla! site's URL into the form.



Paste a long URL here to shorten

BROWSE

Your Bitlinks

Stats

Your Network

UPGRADE →
Bitly Brand Tools

Create an OAuth application

For documentation on using Bitly OAuth visit the [API Documentation](#)

Step 3: Finish Creating Your App

Registration Code:

XXXXXXXXXXXXXXXX

Application Name:

Your Application Name

Please provide a unique name for your application. This value will be displayed to users when they authenticate to Bitly.

Application Link:

<http://www.yoursite.com/>

The URL of your application. This value will be displayed to users when they authenticate to Bitly. If your application link is a root domain or a directory (ie, a link that does not end in .html or .php), it must end with a forward slash. Example: <http://your-application.com/>

Redirect URIs


<http://www.yoursite.com/>

*For multiple, enter one per line. Example:
<https://your-application.com/callback/>
<http://dev.your-application.com/redirect.php>*

Brief description of your application:

Your Application's Description

Create Your App

Labs Beta

About • API • Help



Contact • Privacy

Terms of Use

Company Blog

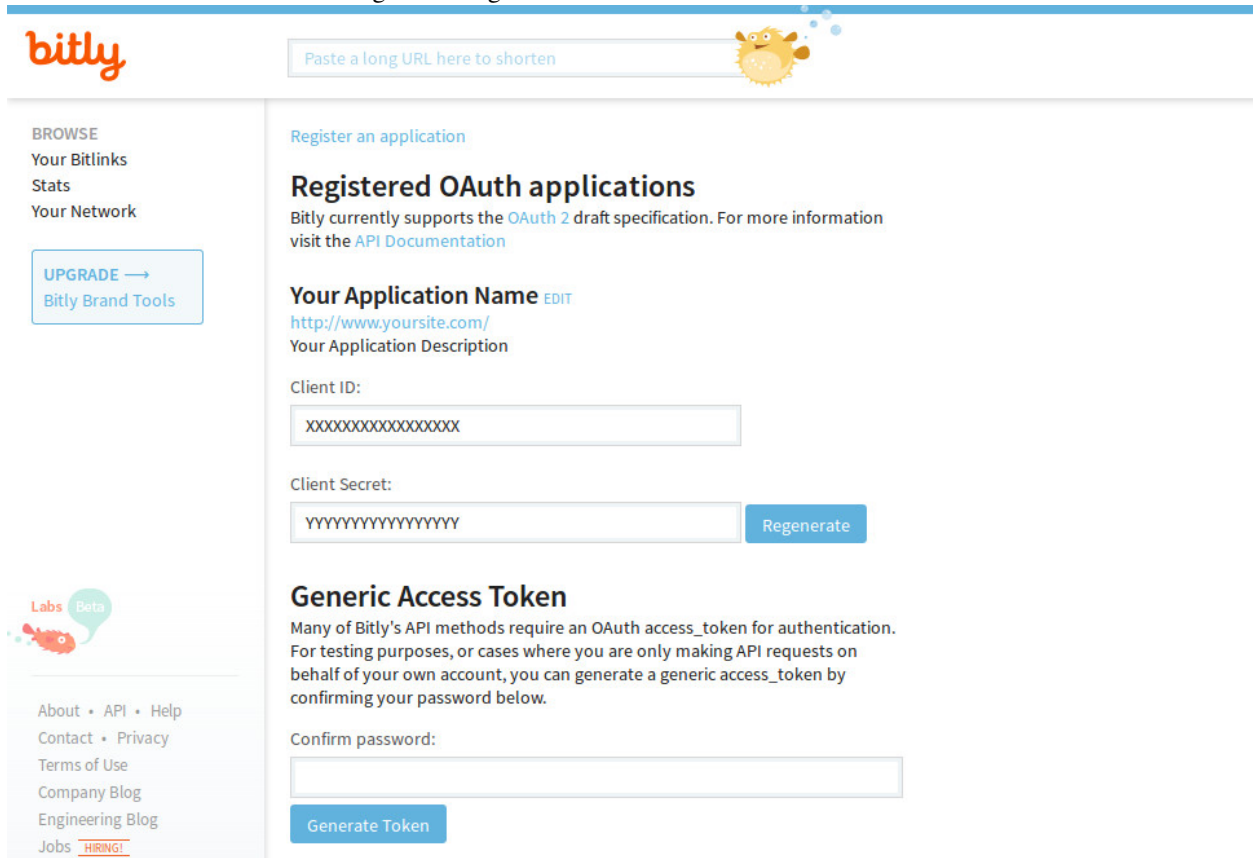
Engineering Blog

Jobs **HIRING!**



© 2015 Bitly™
handmade in NYC

9. After creating application, you are given client ID and client secret. Enter your account's password and click "Generate Token" button to generate a generic access token.



bitly

Paste a long URL here to shorten

BROWSE
Your Bitlinks
Stats
Your Network

UPGRADE →
Bitly Brand Tools

Labs Beta

About • API • Help
Contact • Privacy
Terms of Use
Company Blog
Engineering Blog
Jobs **HIRING!**

Register an application

Registered OAuth applications

Bitly currently supports the [OAuth 2](#) draft specification. For more information visit the [API Documentation](#)

Your Application Name EDIT
<http://www.yoursite.com/>
Your Application Description

Client ID:
XXXXXXXXXXXXXXXXXX

Client Secret:
YYYYYYYYYYYYYYYY Regenerate

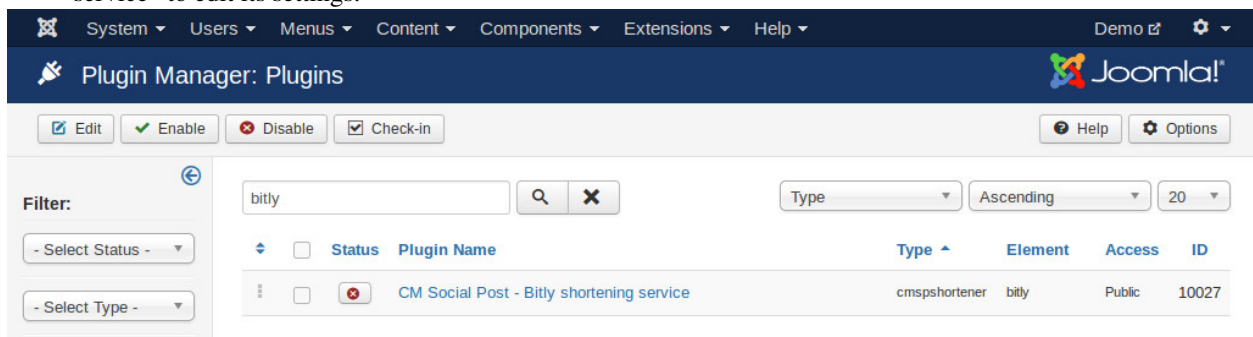
Generic Access Token

Many of Bitly's API methods require an OAuth access_token for authentication. For testing purposes, or cases where you are only making API requests on behalf of your own account, you can generate a generic access_token by confirming your password below.

Confirm password:

Generate Token

10. Now you have client ID, client secret and generic access token, you enter these values into CM Social Post's Bitly Joomla! plugin.
11. Go to Extensions -> Plugins, search for "bitly", click on the plugin's name "CM Social Post - Bitly shortening service" to edit its settings.



System ▾ Users ▾ Menus ▾ Content ▾ Components ▾ Extensions ▾ Help ▾

Demo [↗](#) ⚙️

Plugin Manager: Plugins 🔍 Joomla!

✎ Edit ✅ Enable ❌ Disable 🔍 Check-in 🔍 Help ⚙️ Options

Filter: 🔍 bitly 🔍 ✕ Type ▾ Ascending ▾ 20 ▾

	Status	Plugin Name	Type	Element	Access	ID
<input type="checkbox"/>	❌	CM Social Post - Bitly shortening service	cmspsshortener	bitly	Public	10027

12. Enter your client ID, client secret and generic access token. Select the Bitly's domain which you want to use. If you setup Bitly to use your own domain, enter your domain in "... or use a custom domain" field.

The screenshot shows the Joomla! Plugin Manager interface for the 'CM Social Post - Bitly shortening service' plugin. The plugin is currently disabled. The settings form includes fields for Client ID, Client secret, Generic access token, and a dropdown for 'Use 1 of Bitly's domains...' set to 'bit.ly'. The right sidebar shows the plugin's status as 'Disabled', access as 'Public', and plugin type as 'cmspshortener'.

System Users Menus Content Components Extensions Help Demo

Plugin Manager: CM Social Post - Bitly shortening service Joomla!

Save Save & Close Close Help

Plugin

CM Social Post - Bitly shortening service

cmspshortener / bitly

Bitly integration plugin for CM Social Post component.

Client ID

Client secret

Generic access token

Use 1 of Bitly's domains... bit.ly

...or use a custom domain

Status Disabled

Access Public

Ordering 0. CM Social Post - is.gd sho...

Plugin Type cmspshortener

Plugin File bitly

8.2 is.gd

Go to Extensions -> Plugins, search “CM Social Post - is.gd shortening service”.

The screenshot shows the Joomla! Plugin Manager interface with a search filter applied. The search results table lists the 'CM Social Post - is.gd shortening service' plugin, which is currently disabled. The table columns include Status, Plugin Name, Type, Element, Access, and ID.

System Users Menus Content Components Extensions Help Demo

Plugin Manager: Plugins Joomla!

Edit Enable Disable Check-in Help Options

Filter: is.gd Type Ascending 20

Status	Plugin Name	Type	Element	Access	ID
Disabled	CM Social Post - is.gd shortening service	cmspshortener	isgd	Public	10028

In the plugin's setting form, you select the domain you want to use in “Domain” option.

The screenshot shows the Joomla! Plugin Manager interface for the 'CM Social Post - is.gd shortening service' plugin. The plugin is currently disabled. The settings form includes a dropdown for 'Domain' set to 'is.gd'. The right sidebar shows the plugin's status as 'Disabled', access as 'Public', and plugin type as 'cmspshortener'.

System Users Menus Content Components Extensions Help Demo

Plugin Manager: CM Social Post - is.gd shortening service Joomla!

Save Save & Close Close Help

Plugin

CM Social Post - is.gd shortening service

cmspshortener / isgd

is.gd integration plugin for CM Social Post component.

Domain is.gd

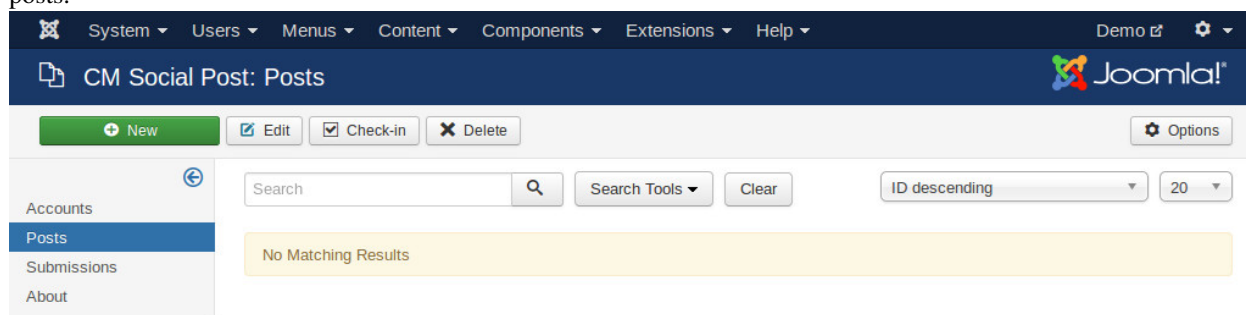
Status Disabled

Access Public

Ordering 0. CM Social Post - is.gd sho...

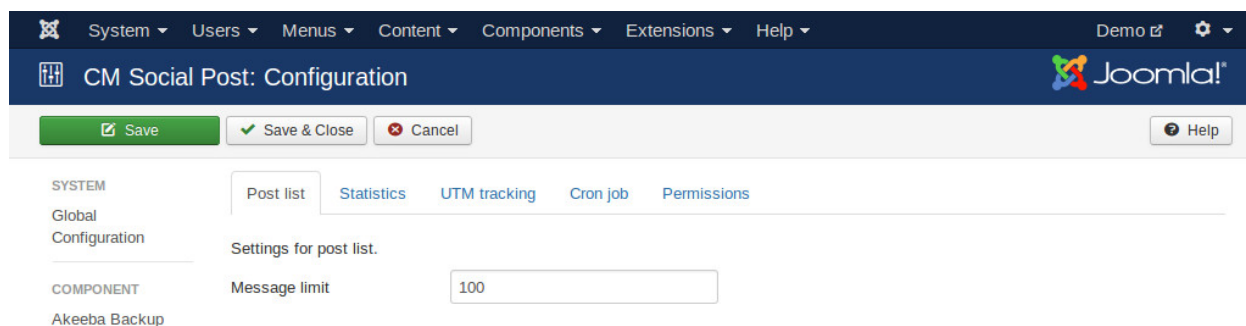
Component configuration

In your Joomla! back-end, click “CM Social Post” under “Components” menu item. The default page is the list of posts.



Click “Options” button on the toolbar to access the component’s configuration.

9.1 Post list



- **Message limit:** Truncate message in post list if message’s length is longer than this limit.

9.2 Statistics

The screenshot shows the Joomla! administrator interface for the CM Social Post component. The top navigation bar includes links for System, Users, Menus, Content, Components, Extensions, and Help. The main header displays 'CM Social Post: Configuration' and the Joomla! logo. Below the header, there are buttons for 'Save', 'Save & Close', and 'Cancel'. The left sidebar lists various system components, with 'CM Social Post' highlighted. The main content area shows the 'Statistics' tab selected. It contains a description: 'Settings for statistics of social network's posts.' and a single configuration field: 'Update interval (minutues)' with a value of '60'.

- **Update interval (minutues):** Update statistics of a social network's post (likes, shares,...) if its last updated time is older than this update interval value from the current time.

9.3 UTM tracking

Settings for the default Google Analytics UTM tracking's parameters in post's link. You can override the UTM parameters for every post.

The screenshot shows the Joomla! administrator interface for the CM Social Post component, specifically the 'UTM tracking' tab. The top navigation bar and header are identical to the previous screenshot. The left sidebar shows 'CM Social Post' highlighted. The main content area displays the 'UTM tracking' tab. It includes a description: 'Settings for the default UTM tracking's parameters in post's link. You can override the below UTM parameters for every post.' and three configuration fields: 'utm_medium', 'utm_term', and 'utm_content', each with an empty text input box.

9.4 Cron job

The screenshot shows the Joomla! administrator interface for the CM Social Post component, specifically the 'Cron job' tab. The top navigation bar and header are identical to the previous screenshots. The left sidebar shows 'CM Social Post' highlighted. The main content area displays the 'Cron job' tab. It includes a description: 'Setting for cron job.' and a single configuration field: 'Key' with an empty text input box.

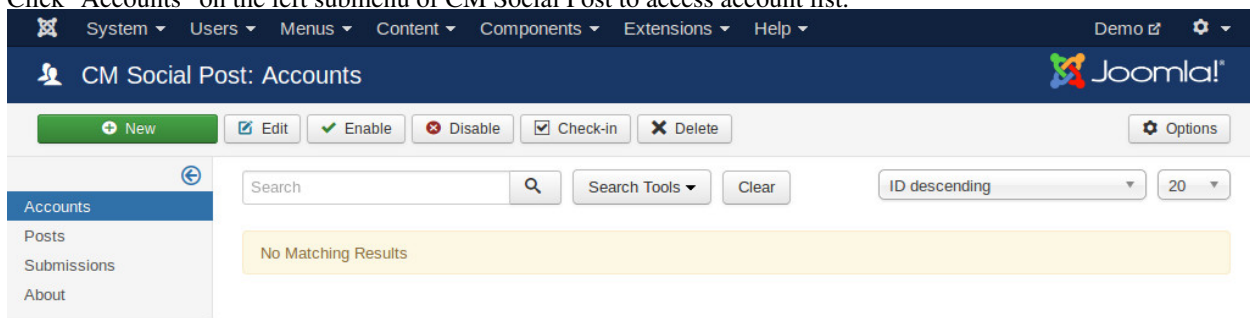
- **Key:** This key is string which is included in your cron job's URL. It is for ensuring you are the only one who can run cron job. The cron job URL looks like:

```
http://www.yoursite.com/index.php?option=com_cmsocialpost&task=submit&key=YOUR_KEY_HERE.
```

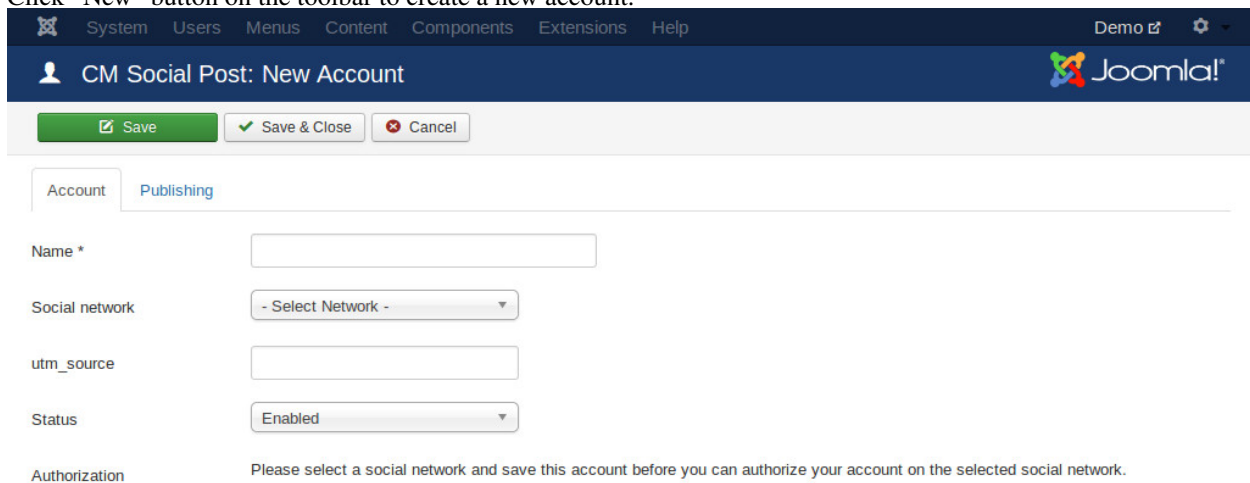

Social network accounts

After configuring the social network plugins, you need to configure what social network accounts you want to submit posts to.

Click “Accounts” on the left submenu of CM Social Post to access account list.



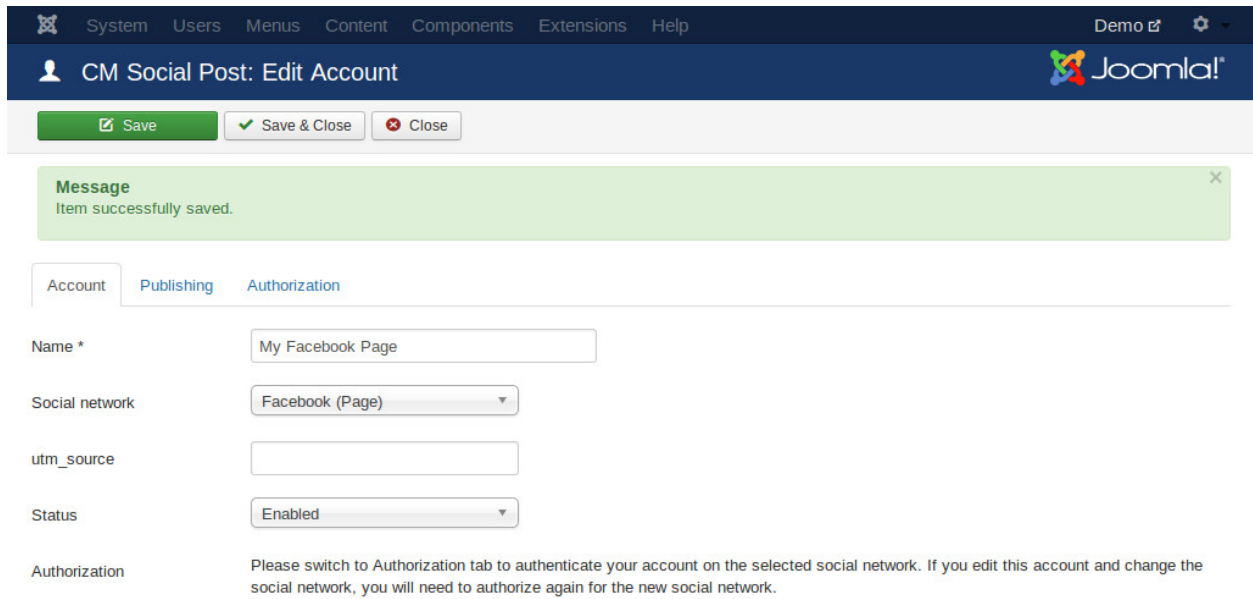
Click “New” button on the toolbar to create a new account.



If you want to track clicks for the posts of the current social network account in Google Analytics, you enter UTM source parameter in “utm_source” option.

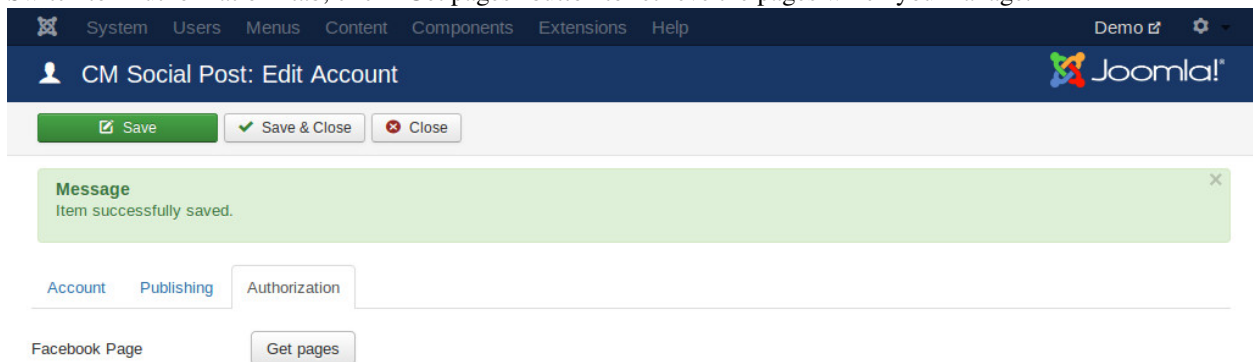
10.1 Facebook page

To create an account for Facebook page, you select “Facebook (Page)” in “Social network” option.



The screenshot shows the Joomla! administration interface for editing a social media account. The top navigation bar includes links for System, Users, Menus, Content, Components, Extensions, and Help. The page title is "CM Social Post: Edit Account". Below the title are three buttons: "Save", "Save & Close", and "Close". A green message box states "Message: Item successfully saved." The form has three tabs: "Account", "Publishing", and "Authorization". The "Account" tab is active, showing fields for "Name *" (My Facebook Page), "Social network" (Facebook (Page)), "ufm_source", and "Status" (Enabled). An "Authorization" section below the tabs contains a message: "Please switch to Authorization tab to authenticate your account on the selected social network. If you edit this account and change the social network, you will need to authorize again for the new social network."

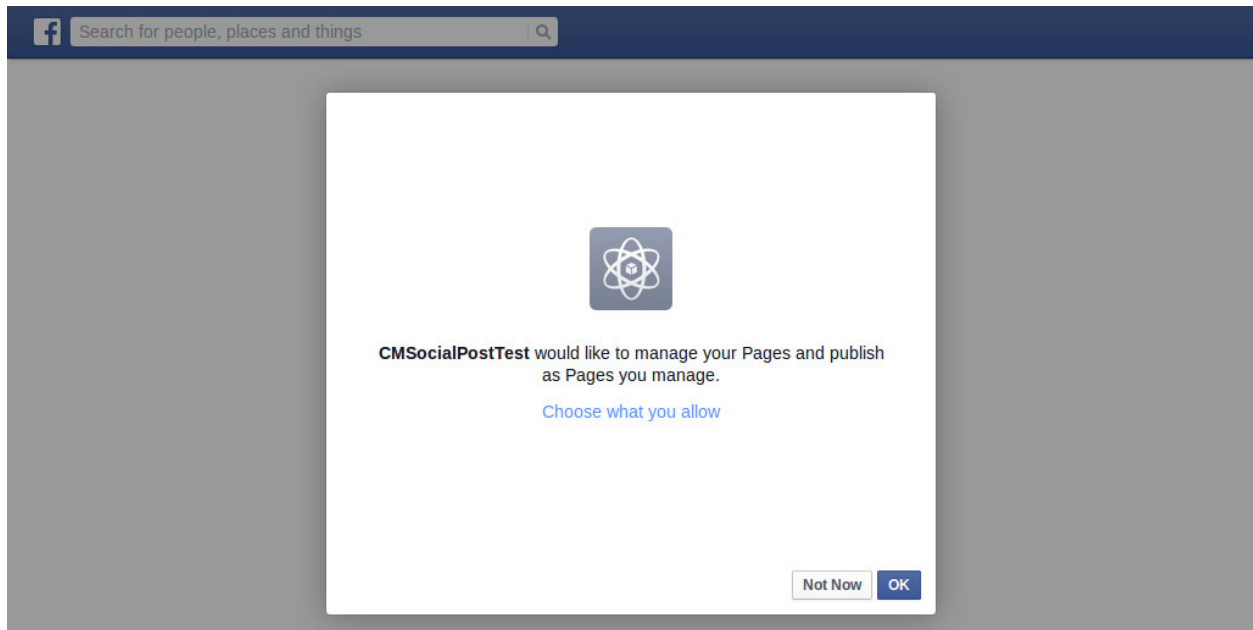
Switch to “Authorization” tab, click “Get pages” button to retrieve the pages which you manage.



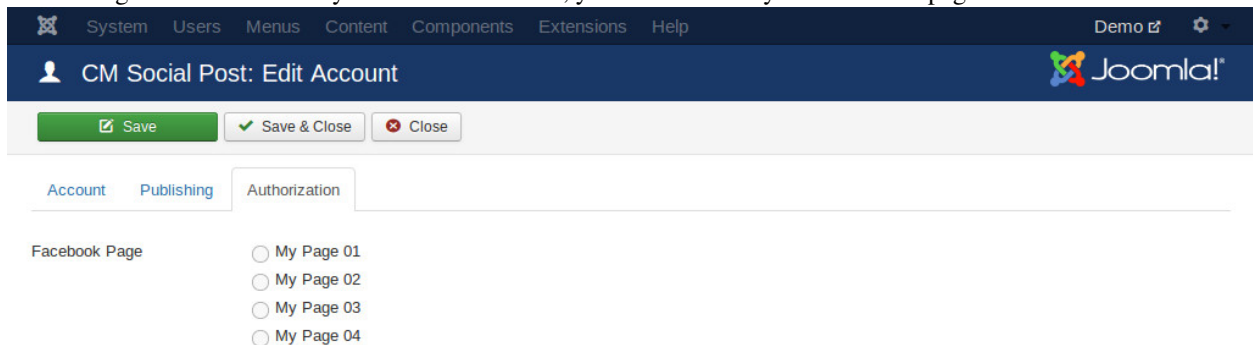
The screenshot shows the same Joomla! interface, but with the "Authorization" tab selected. The "Account" tab is now inactive. The "Facebook Page" label is visible, and a "Get pages" button is present next to it. The "Save", "Save & Close", and "Close" buttons remain at the top. The green message box "Message: Item successfully saved." is still visible.

Click “Ok” in the next steps to give your application permissions to retrieve your pages and your info. You can ignore the “Submit for review” message because you don’t publish your application for other people to use.

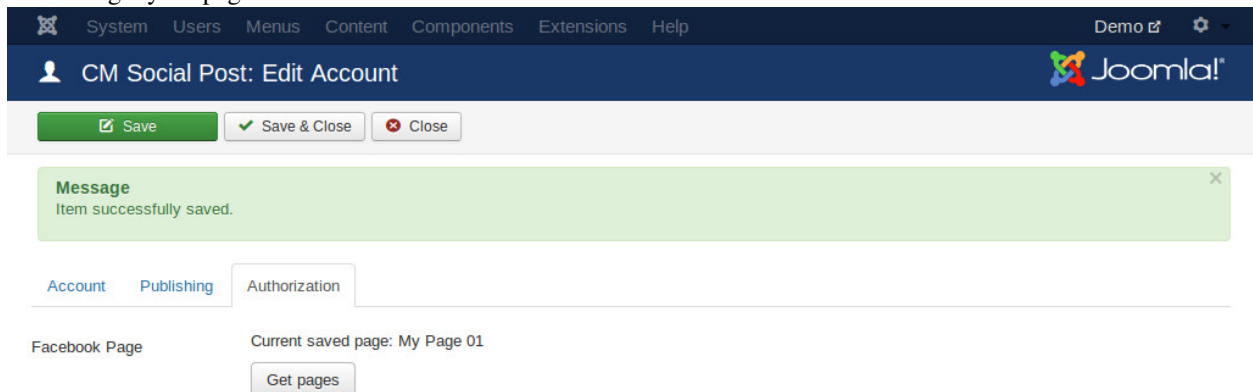




After being redirected back to your Joomla! website, you select one of your Facebook pages then save the account.



The current selected page is displayed in “Authorization” tab, to switch to other Facebook page, you click “Get pages” button to get your pages and select a new one.



10.2 Facebook personal

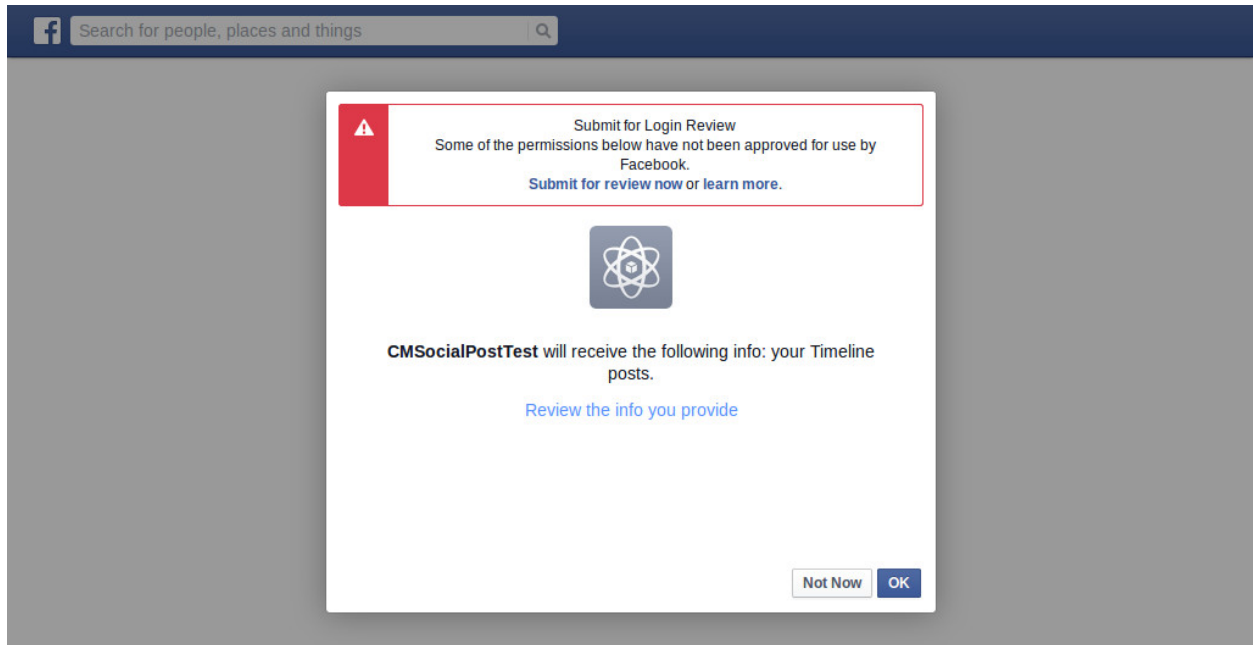
To create an account for Facebook personal account, you select “Facebook (Timeline)” in “Social network” option.

The screenshot shows the Joomla! administration interface for editing a social media account. The top navigation bar includes links for System, Users, Menus, Content, Components, Extensions, and Help. The page title is "CM Social Post: Edit Account". Below the title are three buttons: "Save", "Save & Close", and "Close". A green message box states "Message: Item successfully saved." The form has three tabs: "Account", "Publishing" (which is active), and "Authorization". Under the "Publishing" tab, there are four input fields: "Name *" with the value "My Facebook Timeline", "Social network" with a dropdown menu showing "Facebook (Timeline)", "utm_source" which is empty, and "Status" with a dropdown menu showing "Enabled". Below these fields is an "Authorization" section with a text instruction: "Please switch to Authorization tab to authenticate your account on the selected social network. If you edit this account and change the social network, you will need to authorize again for the new social network."

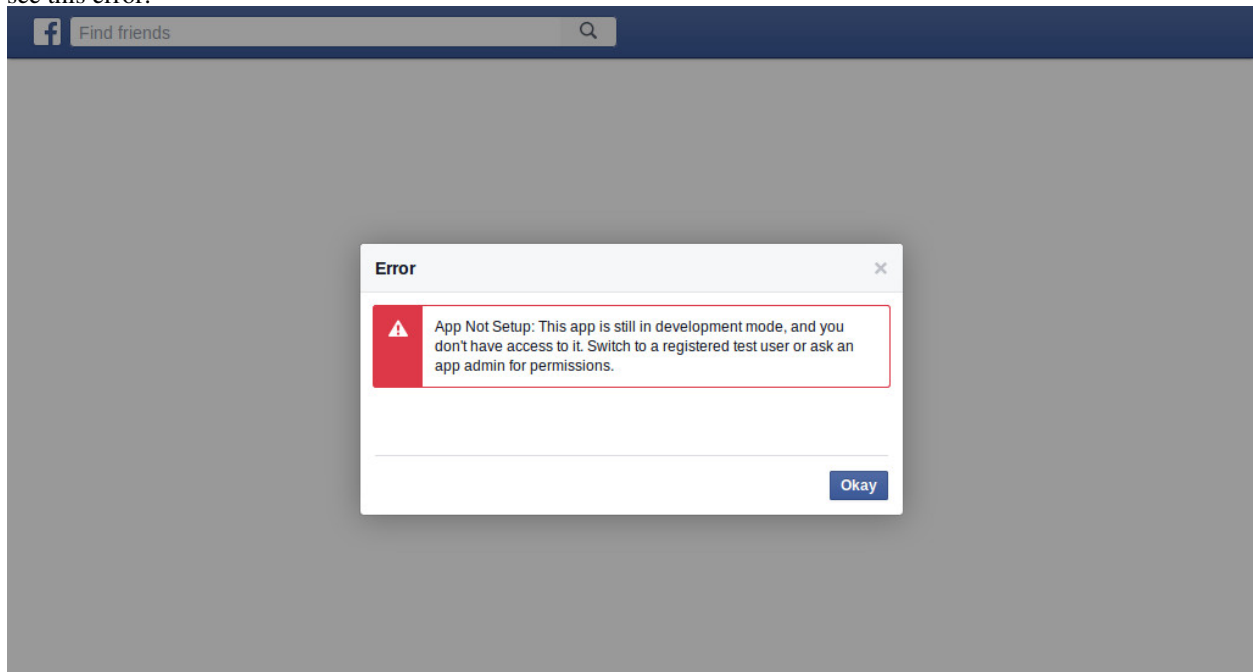
Switch to “Authorization” tab, click “Authorize” button to authorize your Facebook account.

This screenshot shows the same Joomla! interface but with the "Authorization" tab selected. The "Publishing" tab is now inactive. The "Authorization" tab contains a single button labeled "Authorize". The message box and the top navigation bar remain the same as in the previous screenshot.

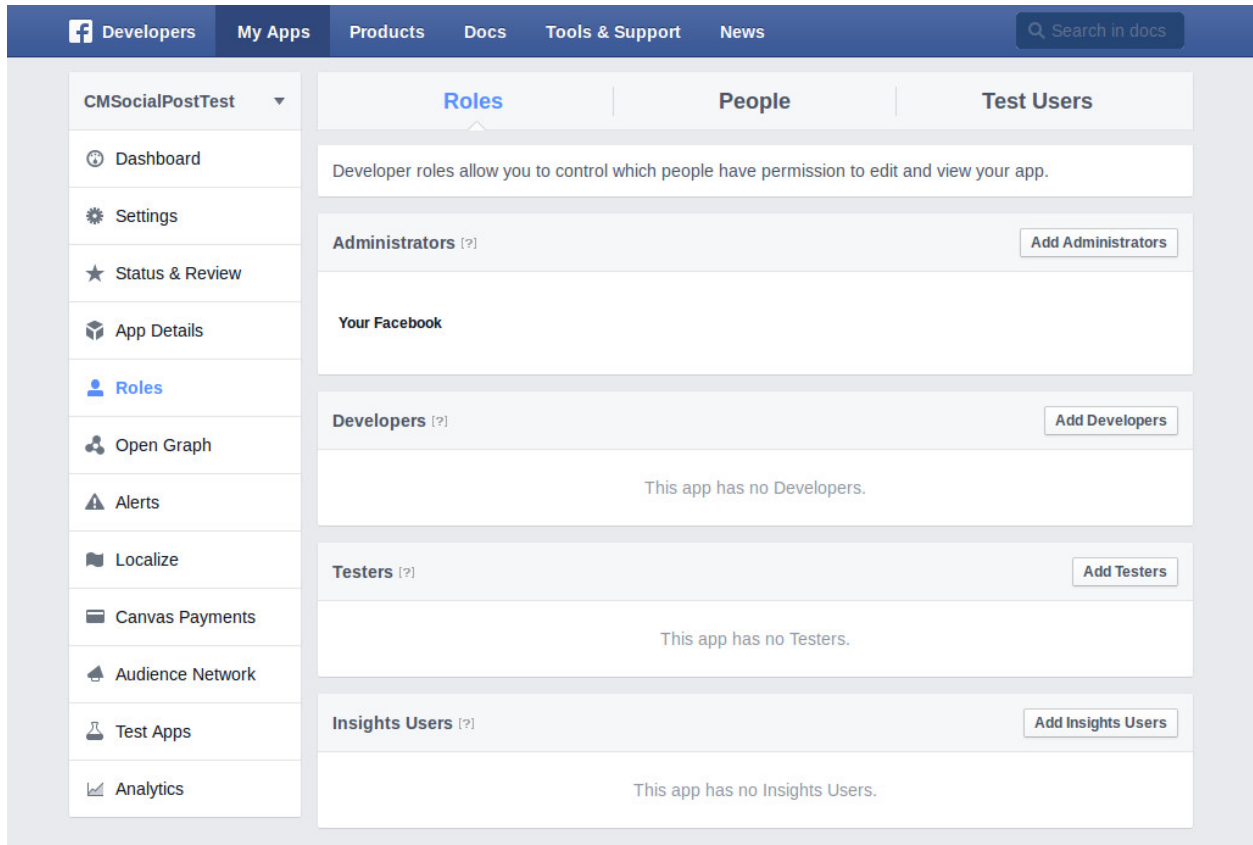
Click “Ok” in the next steps to give your application permissions to retrieve your info. You can ignore the “Submit for review” message because you don’t publish your application for other people to use.



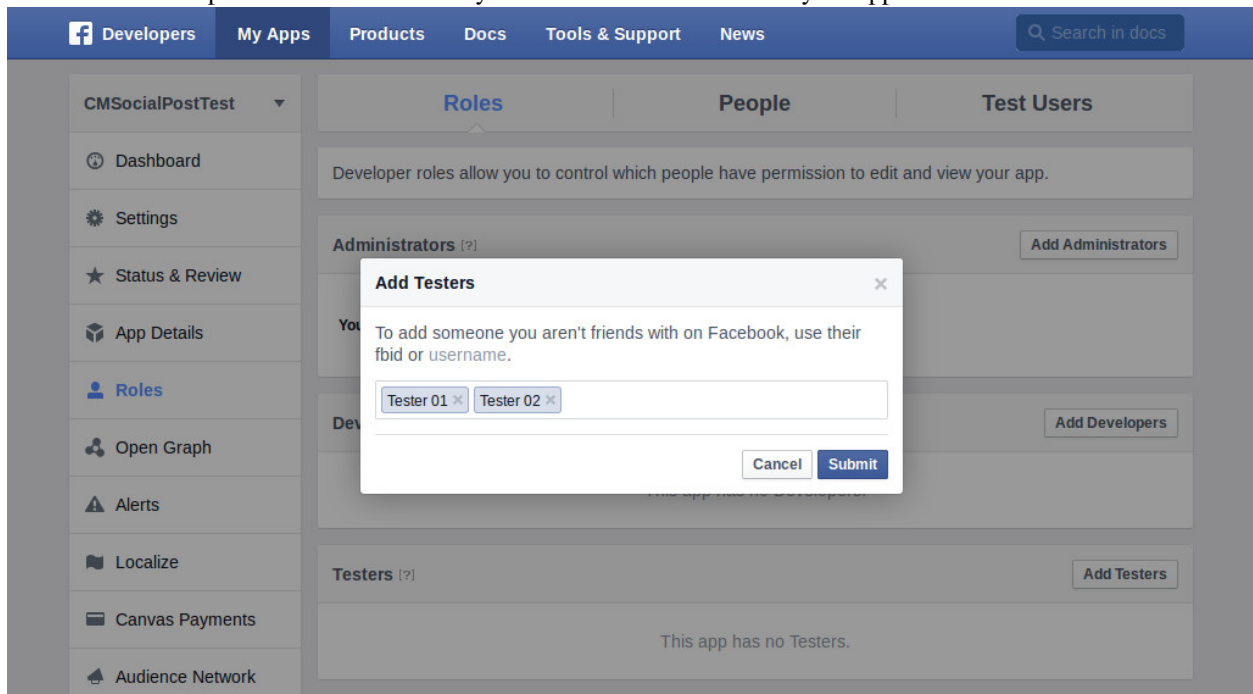
If your current logged-in Facebook account is not the account you used to create your Facebook application, you can see this error:



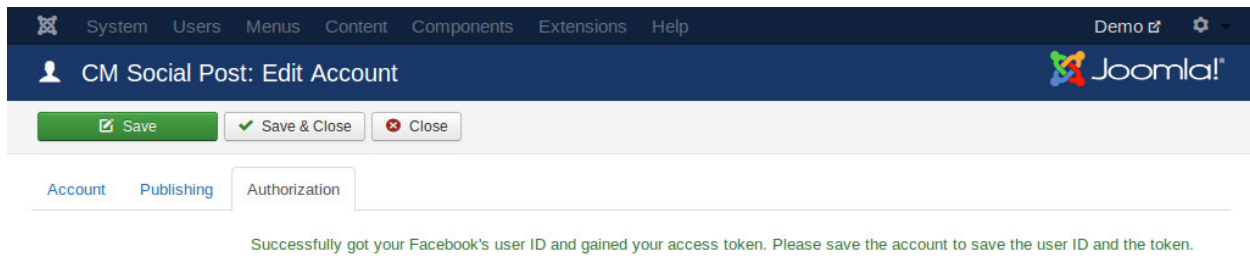
To fix this issue, you go to your application's dashboard, click "Roles" in the left menu.



Add the Facebook personal accounts which you want to allow them to use your application as testers.



Go back to Joomla! and authorize, then save the account.



System Users Menus Content Components Extensions Help Demo ⚙

CM Social Post: Edit Account Joomla!

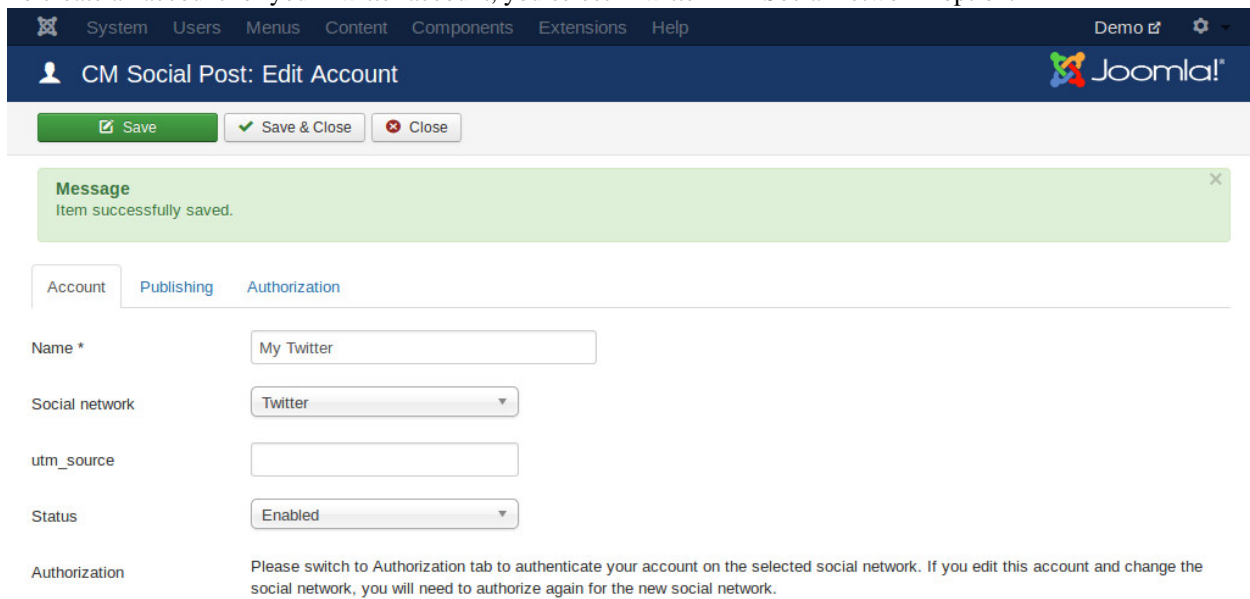
Save Save & Close Close

Account Publishing Authorization

Successfully got your Facebook's user ID and gained your access token. Please save the account to save the user ID and the token.

10.3 Twitter

To create an account for your Twitter account, you select “Twitter” in “Social network” option.



System Users Menus Content Components Extensions Help Demo ⚙

CM Social Post: Edit Account Joomla!

Save Save & Close Close

Message
Item successfully saved.

Account Publishing Authorization

Name * My Twitter

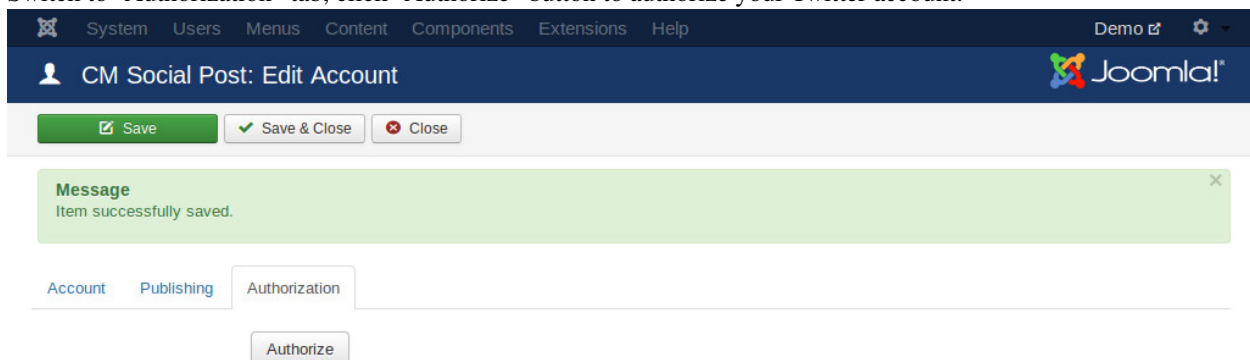
Social network Twitter

utm_source

Status Enabled

Authorization Please switch to Authorization tab to authenticate your account on the selected social network. If you edit this account and change the social network, you will need to authorize again for the new social network.

Switch to “Authorization” tab, click “Authorize” button to authorize your Twitter account.



System Users Menus Content Components Extensions Help Demo ⚙

CM Social Post: Edit Account Joomla!

Save Save & Close Close

Message
Item successfully saved.

Account Publishing Authorization

Authorize



Authorize CMSocialPostTest to use your account?

[Sign In](#)[Cancel](#)

CMSocialPostTest

donationdemo.cmext.vn

CMSocialPost Test

This application will be able to:

- Read Tweets from your timeline.
- See who you follow, and follow new people.
- Update your profile.
- Post Tweets for you.

Will not be able to:

- Access your direct messages.
- See your Twitter password.

After authorization, you save the account to save your access token.

Joomla!

System Users Menus Content Components Extensions Help

CM Social Post: Edit Account

[Save](#) [Save & Close](#) [Close](#)

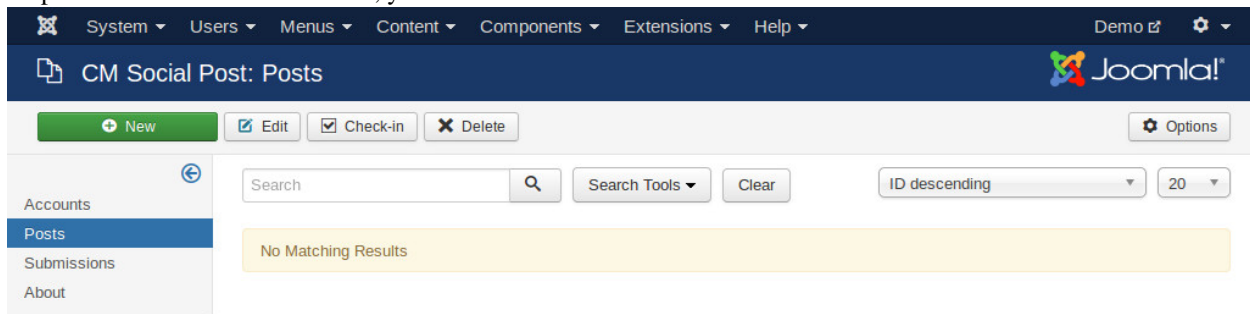
Account Publishing Authorization

Successfully gained your access token. Please save the account to save the token.

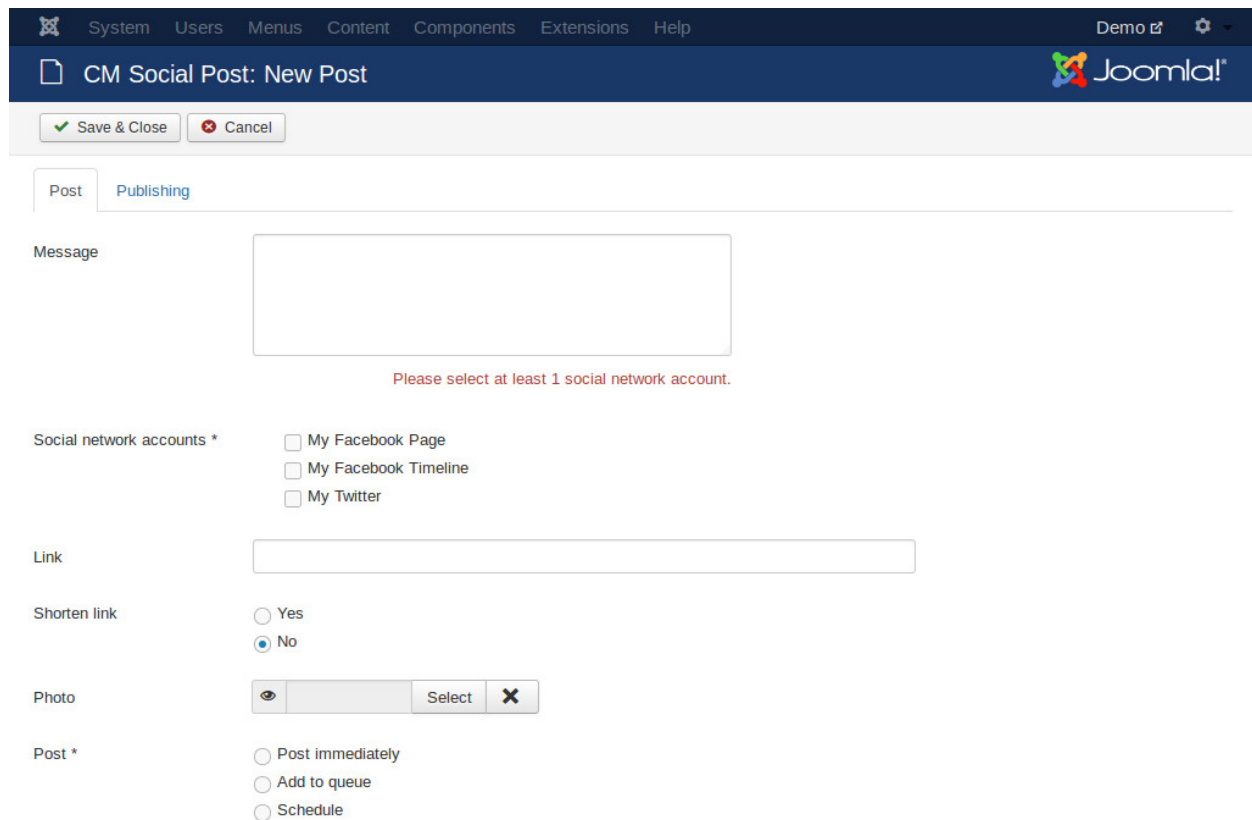
Posts

11.1 Create new post

To post to social network accounts, you click “Posts” menu item in the left submenu.



Click “New” button on the toolbar to create a new post.



The screenshot shows the Joomla! administrator interface for the 'CM Social Post: New Post' form. The top navigation bar includes links for System, Users, Menus, Content, Components, Extensions, and Help. The Joomla! logo is in the top right corner. Below the navigation bar, there are 'Save & Close' and 'Cancel' buttons. The form has two tabs: 'Post' and 'Publishing'. The 'Message' field is a large text area. Below it, a red error message states: 'Please select at least 1 social network account.' The 'Social network accounts *' section contains three checkboxes: 'My Facebook Page', 'My Facebook Timeline', and 'My Twitter'. The 'Link' field is a text input. The 'Shorten link' section has two radio buttons: 'Yes' and 'No' (which is selected). The 'Photo' section has an eye icon, a file selection button, a 'Select' button, and a close button. The 'Post *' section has three radio buttons: 'Post immediately', 'Add to queue', and 'Schedule'.

Select the social network account you want to post to in “Social network accounts” option. Enter the message you want to post to social networks in “Message” field. Because every social networks has a limitation for message length, so the maximum characters you can enter for your message depends on the selected social networks.

If you want to attach a photo, select your photo in “Photo” option.

If you want to include a link in your post, you enter the link into “Link” field. If you want to shorten the link before submitting your post, you set “Shorten link” option to “Yes”. There are another option displayed for selecting what URL shorten service you want to use.

System Users Menus Content Components Extensions Help Demo

CM Social Post: New Post

Post Publishing

Message

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Social network accounts * ☒ My Facebook Page ☒ My Facebook Timeline ☒ My Twitter

Link

Shorten link ☒ Yes ☐ No

Shortening service

utm_medium

utm_term

utm_content

utm_campaign

Photo

Post * ☐ Post immediately ☐ Add to queue ☐ Schedule

If you want to add UTM tracking parameters to your link before shortening it, you enter them into “utm_term”, “utm_content”, “utm_campaign” and “utm_medium” fields. utm_source is set in social network accounts.

Click “Generate short URL”, shorten URLs for every selected social network accounts will be created with UTM parameters included.

SystemUsersMenusContentComponentsExtensionsHelp

Demo

CM Social Post: New Post

Joomla!

Save & CloseCancel

PostPublishing

Message

Hello!

113

Social network accounts *

☒ My Facebook Page

☒ My Facebook Timeline

☒ My Twitter

Link

http://www.google.com/

Shorten link

☒ Yes

☐ No

Shortening service

Bitly

Generate short URL

My Facebook Page

http://bit.ly/1SueYAj

My Facebook Timeline

http://bit.ly/1SueYAj

My Twitter

http://bit.ly/1SueYAj

utm_medium

utm_term

utm_content

utm_campaign

Photo

Select

Post *

☐ Post immediately

☐ Add to queue

☐ Schedule

In “Post” option, select “Now” if you want to submit your post to social networks immediately, after you save your post, it will be sent to social networks.

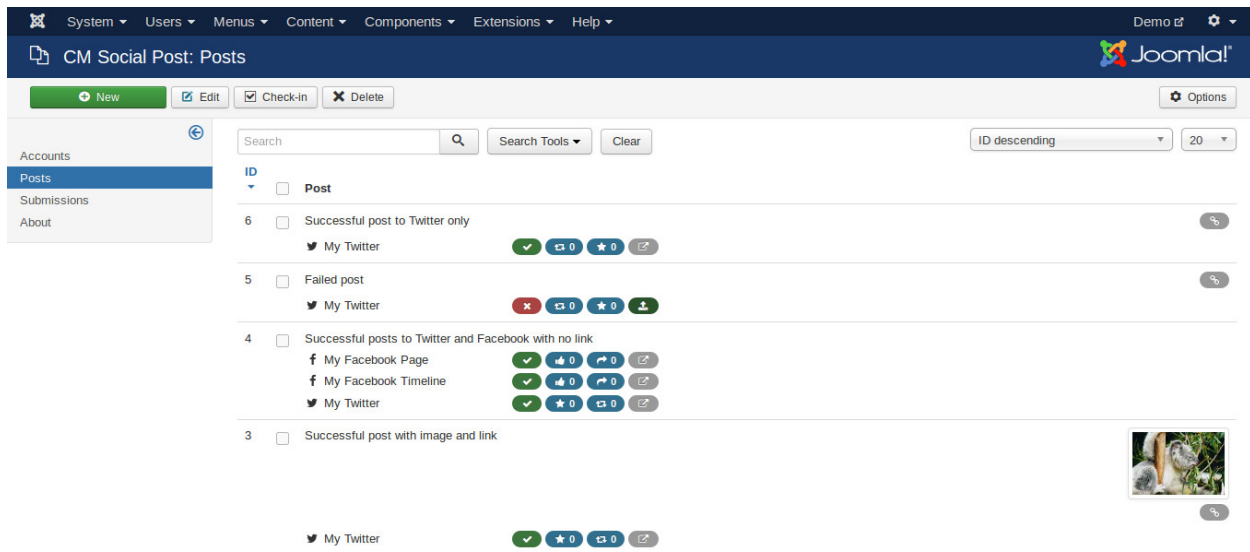
If you select “Schedule”, you need to select when you want to post.

Note that your post is sent at the selected date and time or not depends on how often your cron job runs. For example if you configure to submit your post at 10:10 and you configure for your cron job to run every 15 minutes, then your post will be submitted at 10:15, not 10:10.

If you select “Add to queue”, your post will be submitted the next time your cron job runs.

11.2 Post list

The post list contains the posts that you create and the status of its submissions to the selected social networks.



For every submission, there are 4 columns of icons next to the account name:

- The first column is the status of the submission, successful or failed.
- The second column is the number of “likes” for this post. Depending on social network the name of this statistic is different, for Facebook it is “Like”, for Twitter it is “Favourite”.
- The third icon is the number of “shares” for this post. This is “Share” for Facebook and “Retweet” for Twitter.
- If the post is submitted successfully, the forth icon is a link which opens the post in a new web browser. If the post’s submission is failed, the forth icon is a link which you can use to resubmit the post.

On the right edge of the post list, there is a link icon displayed if you add a link to your post, there is also an image displayed there if you include image in your post.

View submissions

Submissions page lists the post you submit for information purpose. It is similar to post list but it gives you ability to filter the submissions for a specific social network.

The screenshot shows the Joomla! administration interface for the 'CM Social Post: Submissions' component. The top navigation bar includes links for System, Users, Menus, Content, Components, Extensions, and Help. The left sidebar contains links for Accounts, Posts, Submissions (selected), and About. The main content area displays a table of submissions for 'My Twitter'.

Search and Filter options:

- Search: [Search] [Search Tools] [Clear]
- Filter: [Twitter] [Submitted]
- Sort: [ID descending]
- Limit: [20]

ID	Submission	Likes	Shares	Submitted time	Post ID
12	Test 006 My Twitter	0	0	Monday, 03 August 2015 04:12	6
8	Test 004 My Twitter	0	0	Monday, 03 August 2015 03:59	4
7	Test 003 My Twitter	0	0	Monday, 03 August 2015 03:57	3
4	Test 002 My Twitter	0	0	Monday, 03 August 2015 03:54	2

Cron jobs

13.1 Command line

If your hosting allows you to setup and run cron job, you can create cron job to submit scheduled and queued posts of CM Social Post automatically.

You need to execute the file cmsocialpost_submit.php in “cli” folder of your Joomla! installation.

For example, with SiteGround hosting, you need to execute this command in your cron job:

```
php path/to/your/joomla/cli/cmsocialpost_submit.php
```

With hosting which uses CloudLinux, you need to run:

```
php5-cli path/to/your/joomla/cli/cmsocialpost_submit.php
```

You may need to contact your hosting’s support staff to know what PHP command you need to run.

By default, there are only 10 posts submitted. If you want to increase this value, you can add “--limit=X” to the command, “X” is a number (there are 2 dashes in front of “limit”).

For example, to submit 50 posts:

```
php path/to/your/joomla/cli/cmsocialpost_submit.php --limit=50
```

In order to post images to Facebook, you need to edit your configuration.php file in your Joomla! root folder, change the line:

```
public $live_site = '';
```

to:

```
public $live_site = 'http://www.yoursite.com/';
```

Change “<http://www.yoursite.com/>” to your site’s address. The reason of this is in command line environment, Joomla! can’t get your site’s address, so we need store your site’s address then retrieve it to create image’s URL.

13.2 Web based

If your hosting doesn’t support cron job, you can use any web based cron job services. You need to access this URL in your cron job:

```
http://www.yoursite.com/index.php?option=com_cmsocialpost&task=submit&key=YOUR_KEY
```

“YOUR_KEY” is the key your set in CM Social Post’s configuration.

Please contact your cron job service to know how to setup cron job.