

AutoTweetNG



How to AutoTweet from Joomla in 5 minutes

<http://www.extly.com/how-to-autotweet-in-5-minutes-from-joomla.html>

Presentation based on Joomla 3 and AutoTweetNG 7.4

2014-08-11

How to AutoTweet from Joomla in 5 minutes

In this presentation, we are going to show how you can **AutoTweet** *from Joomla to Facebook, Twitter, or LinkedIn.*

If you are looking for Google+ Moments channel support:

www.extly.com/autotweetng-josocial-publishing-to-gplus-profiles-and-pages.html

Product Page: <http://www.extly.com/autotweet-ng-pro.html>

Support: <http://support.extly.com>

Community Forum Support: <http://www.extly.com/forum/index.html>



Prerequisites

- AutoTweetNG Free or PRO v7 or superior
- A Facebook account 
- A Twitter account 
- A LinkedIn account 
- System requirements:
 - Joomla 2.5 / Joomla 3.0
 - PHP 5.3 or superior
 - MySQL 5.5, or superior (recommended)



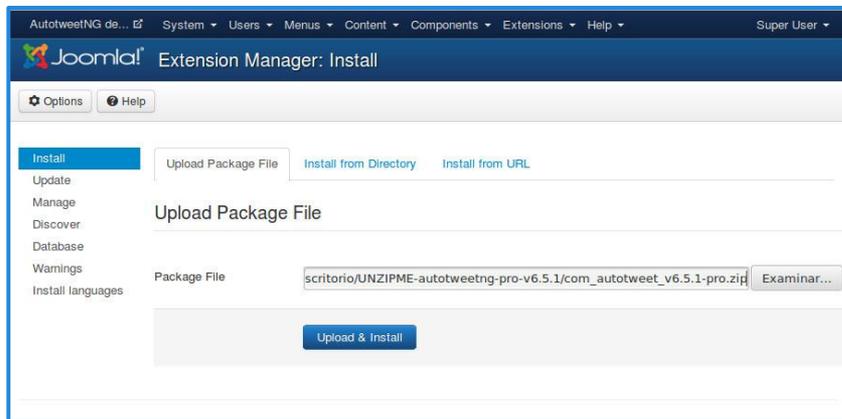
Configuration Steps

1. Download & Install
2. Create and authorize Social Channels
 - a. Add Facebook Channel
 - b. Add Twitter Channel
 - c. Add LinkedIn Channel
3. Create a new article to test a Post
4. Advanced: Posting on page load vs cronjob task
5. One last word



Download & Install AutoTweetNG

Download, unzip and install AutoTweetNG in Joomla backend with standard procedure.



Message
Installing component was successful.

AutoTweetNG posts content to social channels (Twitter, Facebook, LinkedIn, etc).

Welcome to AutoTweetNG!
Enhance your social media management!

This is a full update. Please, remember to install your additional plugins and re-validate the channels.

Installation Status

Extension	Status	
AutoTweetNG component	Installed	
Extly Framework 1.9.3 [2013-07-18]	Already up-to-date	
Module	Client	Status
mod_autotweet_latest	Admin	Installed
Plugin	Group	Status
Plg_autotweetautomator	System	Installed
Plg_autotweetcontent	System	Installed
Plg_autotweetpost	Autotweet	Installed
Plg_autotweetweblinks	Content	Installed

View Site 0 Visitors 1 Admins 0 Log out

About AutoTweetNG updates:

- Install the update with the same procedure.

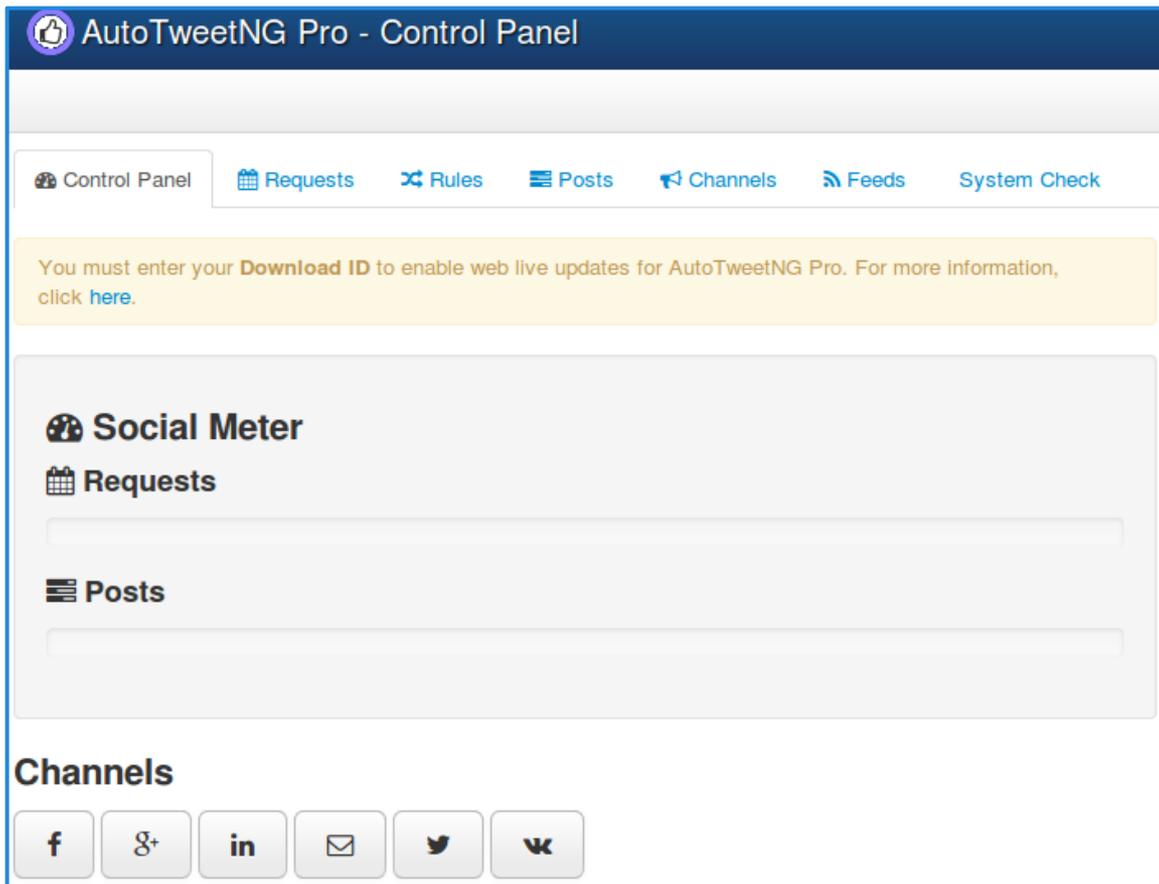


Download & Install AutoTweetNG

- **AutoTweetNG** component has been installed.
- **System plugin - AutotweetAutomator** has been installed and enabled, to process new content and posts every 3 minutes.
- **System plugin - AutotweetContent** has been installed and enabled, to publish Joomla content.



Create and authorize Social Channels



The screenshot shows the AutoTweetNG Pro Control Panel. At the top, there is a dark blue header with a thumbs-up icon and the text "AutoTweetNG Pro - Control Panel". Below the header is a navigation bar with several menu items: "Control Panel", "Requests", "Rules", "Posts", "Channels", "Feeds", and "System Check". A yellow warning box contains the text: "You must enter your **Download ID** to enable web live updates for AutoTweetNG Pro. For more information, click [here](#)." Below the warning box is a "Social Meter" section with a "Requests" subsection containing an empty input field, and a "Posts" subsection containing another empty input field. At the bottom, there is a "Channels" section with six buttons representing different social media platforms: Facebook (f), Google+ (g+), LinkedIn (in), Email (envelope icon), Twitter (bird icon), and VK (VK icon).

- Go to **AutoTweetNG Control Panel** to create and authorize social channels



Add channel / Facebook



- AutoTweetNG requires the Facebook account authorization.
- Each Profile, Page or Group is a different channel.

The screenshot shows the Joomla! administrator interface for the 'AutoTweetNG Pro - Channels' extension. At the top, there is a navigation menu with items like System, Users, Menus, Content, Components, Extensions, and Help. Below this is the Joomla! logo and the extension title. A toolbar contains buttons for '+ New', 'Edit', 'Publish', 'Unpublish', 'Copy', and 'Delete'. A blue arrow points to the '+ New' button. Below the toolbar is a navigation menu with 'Control Panel', 'Requests', 'Rules', 'Posts', 'Channels', 'Feeds', and 'System Check'. The main content area shows a table with columns for 'Channels', 'Type', 'Published', and 'ID'. The 'Channels' column has a search input field with the text 'Channels' and a search icon. The 'Type' column has a dropdown menu with '-Select-' selected. The 'Published' column has 'Yes' and 'No' buttons. The table is currently empty, showing 'No Items'.



Add channel / Facebook



- Assign channel type and data, and select “Use Your Own App”=Yes
- Create your App

Save Save & Close Save & New Cancel

Select type

Type * Facebook

Channel data

Name Facebook

Description

Status Published Unpublished

Autopublish Yes No

Include Hashtags Yes No

Channel details

Post to a Facebook Profile or Page, or Group wall.

f 1. Facebook App 2. Authorization 3. Channel Selection

Use Your Own App Yes Yes, with Canvas Page

Your Own App - Details

App ID/API Key *

App Secret *

Heads up! To create Your Own Facebook App, check the documentation, or the following tutorials:

- Tutorial: How to AutoTweet from Joomla in 5 minutes
- Tutorial: How to AutoTweet from Your Own Facebook App

[Tutorial: How to AutoTweet from Your Own Facebook App](#)



Add channel / Facebook

Create a Facebook App

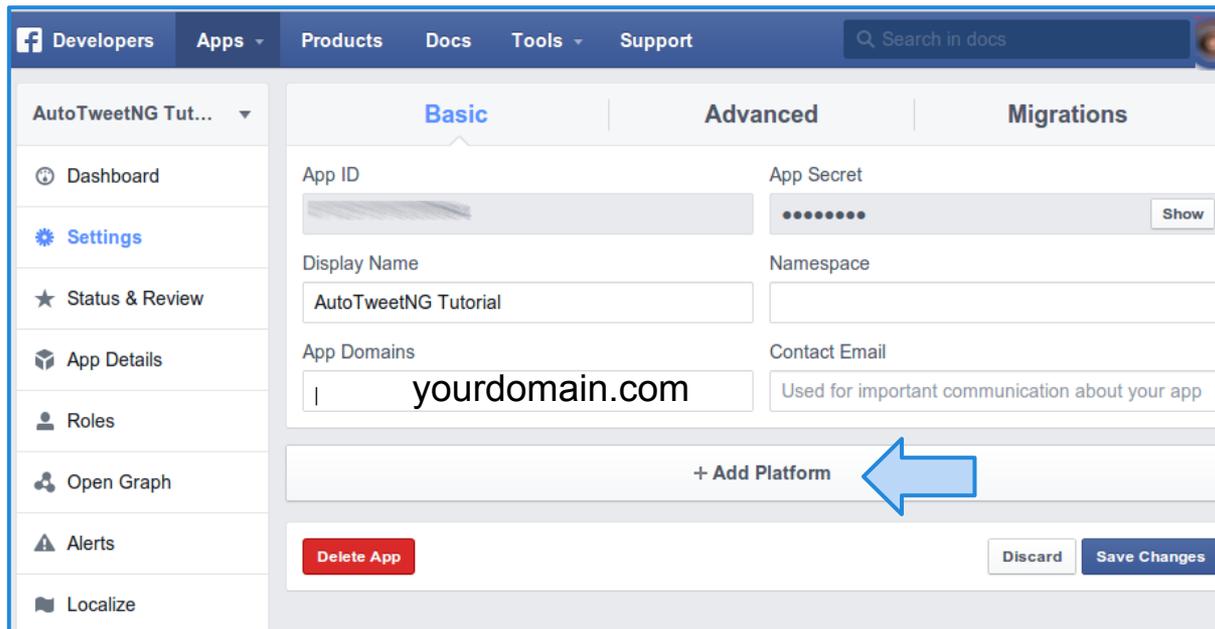


- Login at <https://developers.facebook.com/apps> with your Facebook username and password
- Create New App
- Define App name

A screenshot of the Facebook Developers 'Create a New App' form. The form is titled 'Create a New App' and has the subtitle 'Get started integrating Facebook into your app or website'. It contains several input fields: 'Display Name' with the value 'AutoTweetNG Tutorial', 'Namespace' with the placeholder text 'A unique identifier for your app (optional)', a checkbox labeled 'NO' for 'Is this a test version of another app? Learn More.', and a 'Category' dropdown menu set to 'Communication'. At the bottom, there is a checkbox for 'By proceeding, you agree to the Facebook Platform Policies' and two buttons: 'Cancel' and 'Create App'. The form is overlaid on a dark blue navigation bar with links for 'Developers', 'Apps', 'Products', 'Docs', 'Tools', and 'Support', and a search bar.

Add channel / Facebook

Create a Facebook App



Now, you have your own:

- App ID
- App Secret

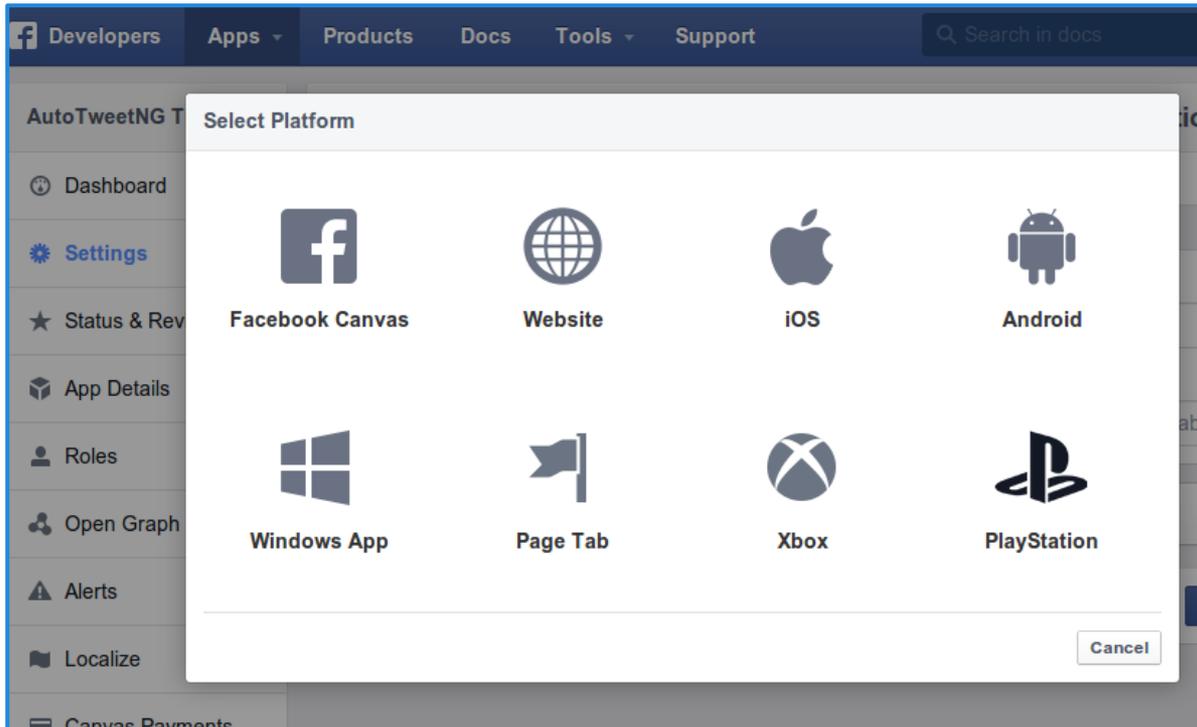
Don't forget to:

- *Fill App Domain,*
- *Add Platform*



Add channel / Facebook

Create a Facebook App



Now, you have your own:

- App ID
- App Secret

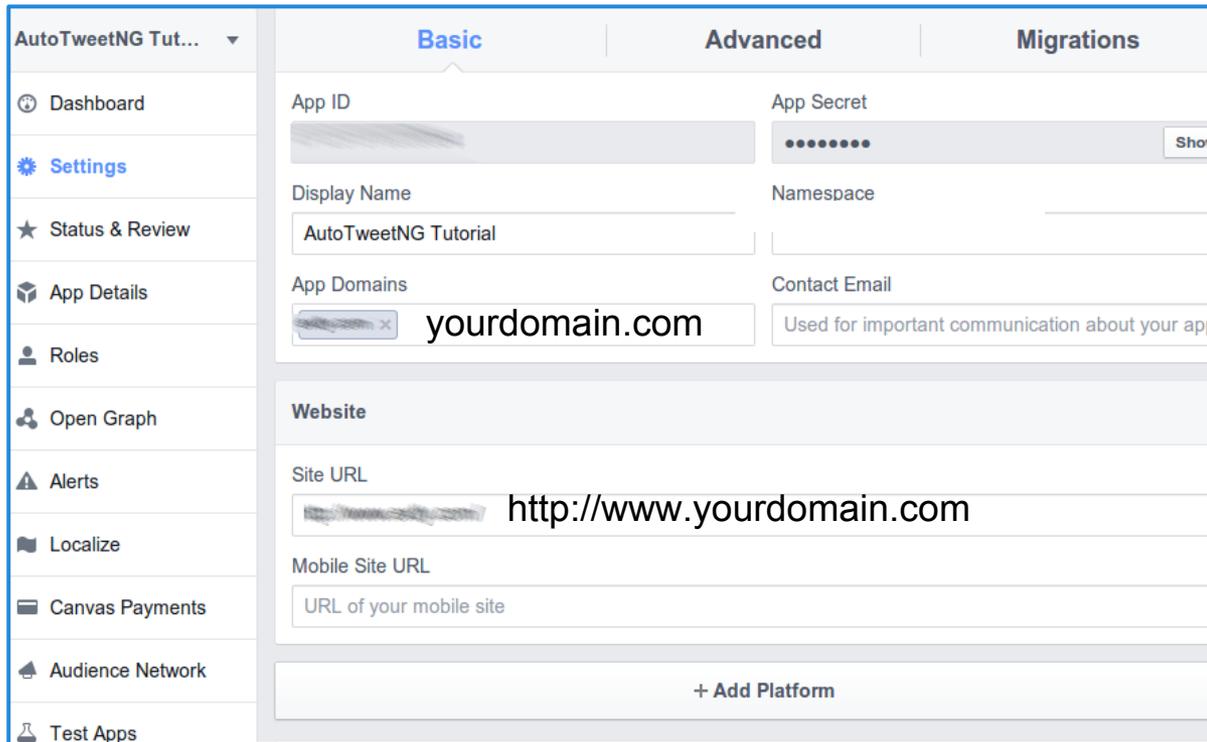
Don't forget to:

- *Add Platform*



Add channel / Facebook

Create a Facebook App



The screenshot shows the 'Basic' tab of the Facebook App Settings for 'AutoTweetNG Tut...'. The left sidebar contains navigation options: Dashboard, Settings (selected), Status & Review, App Details, Roles, Open Graph, Alerts, Localize, Canvas Payments, Audience Network, and Test Apps. The main content area is divided into three tabs: Basic, Advanced, and Migrations. Under the 'Basic' tab, the following fields are visible: App ID (blurred), App Secret (blurred with a 'Show' button), Display Name (AutoTweetNG Tutorial), Namespace (empty), App Domains (yourdomain.com), and Contact Email (Used for important communication about your app). Below these is a 'Website' section with Site URL (http://www.yourdomain.com), Mobile Site URL (URL of your mobile site), and a '+ Add Platform' button at the bottom.

Now, you have your own:

- App ID
- App Secret

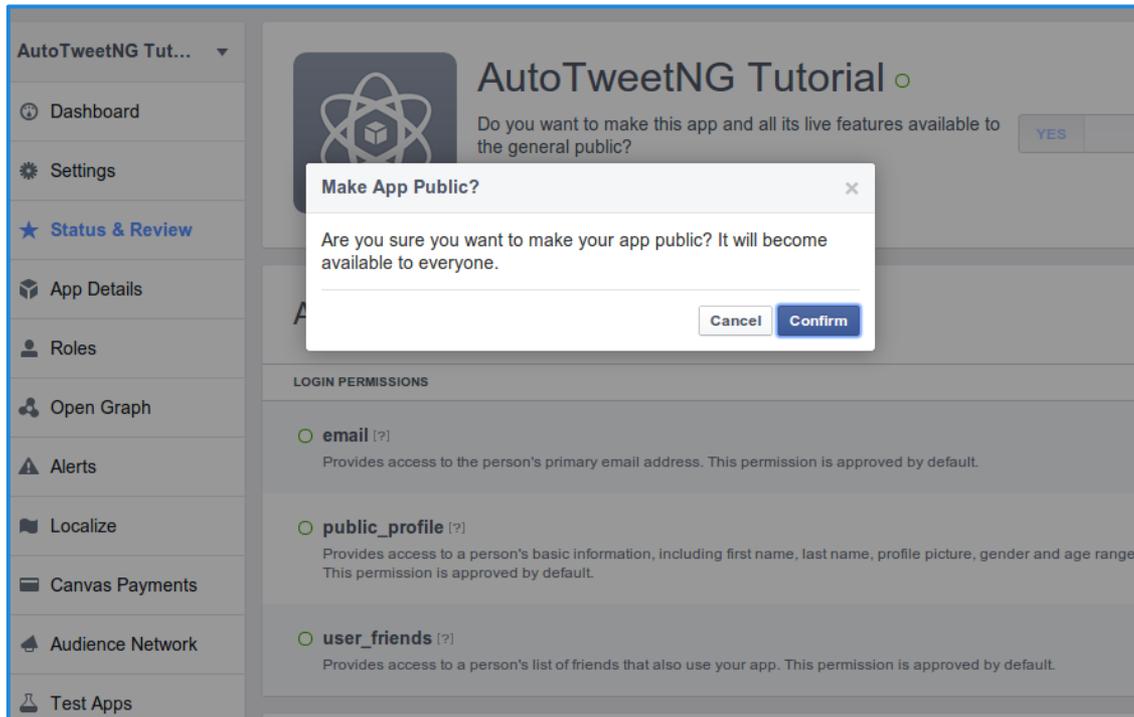
Don't forget to fill:

- App Domain,
- Contact Email
- Site URL



Add channel / Facebook

Create a Facebook App



Now, you have your own:

- App ID
- App Secret

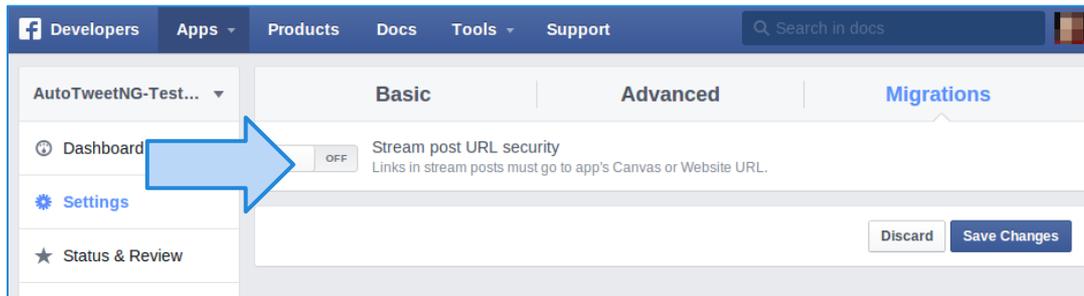
Don't forget to :

- *Make it public*



Add channel / Facebook

Create a Facebook App



Now, you have your own:

- App ID
- App Secret

TIP

- *Make sure “Stream post URL security” is Off*

This setting allows Url Shorteners usage, or a different domains.



Add channel / Facebook



- Back to the channel configuration
- Fill the form: App Id, and App Secret
- Continue with steps: 2. Authorization and 3. Channel Selection

The screenshot shows a Joomla! configuration form for adding a Facebook channel. At the top, there are four buttons: 'Save' (green), 'Save & Close', 'Save & New', and 'Cancel'. The form is divided into two main sections: 'Select type' and 'Channel details'.

Select type: A dropdown menu labeled 'Type *' is set to 'Facebook'.

Channel data: A text input field for 'Name' contains 'Facebook'. A larger text area for 'Description' is empty. Below are three sets of radio buttons: 'Status' (with 'Published' selected), 'Autopublish' (with 'Yes' selected), and 'Include Hashtags' (with 'Yes' selected).

Channel details: A heading 'Channel details' is followed by the instruction 'Post to a Facebook Profile or Page, or Group wall.' Below this are three numbered steps: '1. Facebook App', '2. Authorization', and '3. Channel Selection'. A section 'Use Your Own App' has 'Yes' selected. Below that, 'Your Own App - Details' includes an 'App ID/API Key *' field with a masked value and an 'App Secret *' field with a masked value.

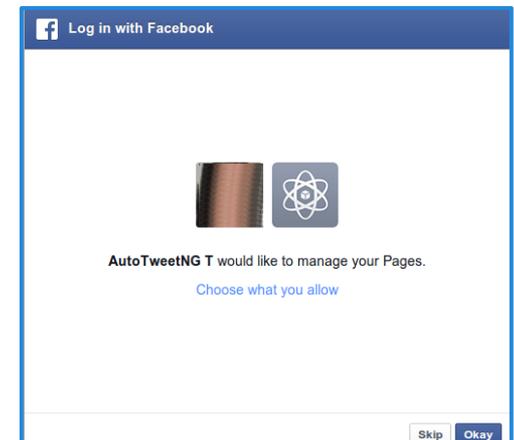
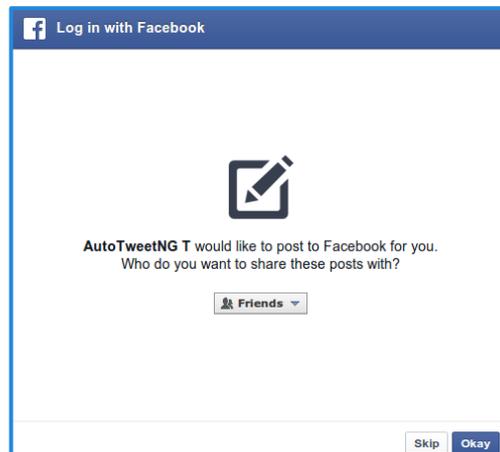
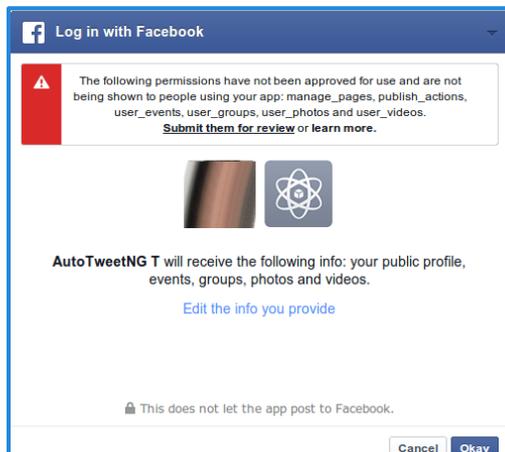
A yellow 'Heads up!' notification box at the bottom right contains the text: 'To create Your Own Facebook App, check the documentation, or the following tutorials:'. It lists two tutorials: 'Tutorial: How to AutoTweet from Joomla in 5 minutes' and 'Tutorial: How to AutoTweet from Your Own Facebook App'.



Add channel / Facebook



- Step 2: Authorize the App in the Facebook Account



Add channel / Facebook



- After the authorization, the Facebook application provides the Access Token to validate and fill the User-ID.

A screenshot of the Joomla! administration interface for adding a Facebook channel. The interface is divided into two main sections: 'Channel data' on the left and 'Authorize Application' on the right. The 'Channel data' section includes a 'Type' dropdown set to 'Facebook', a 'Name' field with 'Facebook', a 'Description' text area, 'Status' (Published/Unpublished), 'Autopublish' (Yes/No), 'Include Hashtags' (Yes/No), and 'Media mode' (Status message and Image). The 'Authorize Application' section shows a progress bar with three steps: '1. Facebook App', '2. Authorization', and '3. Channel Selection'. Below this, there is a 'Step 1 - Authorize' button, a yellow notification box stating 'After the authorization, the Facebook application provides the Access Token to validate and fill the User-ID', an 'Access Token' field with a masked value, a 'Step 2 - Validate' button, and 'User ID' and 'Expires at' fields. At the top, there are buttons for 'Save', 'Save & Close', 'Save & New', and 'Cancel'. The footer shows 'View Site', visitor counts, and Joomla! version information.

Add channel / Facebook



- Select the specific Facebook channel (Page, group, or profile)
- Validate Channel and Save

Channel details

Post to a Facebook **Profile** or **Page**, or **Group** wall.

[1. Facebook App](#) [2. Authorization](#) **3. Channel Selection**

Facebook Channels *

Access Token *
[f https://www.facebook.com](https://www.facebook.com)

Step 3 - Validate Channel

Expires at *



Add channel / Facebook



AutoTweetNG is ready to publish!

- A new authorization Access token has been granted.
- A new Facebook Channel has been created.

By default, all new articles are going to be published to Facebook.



Add channel / Twitter



- Assign channel type and data
- Create your Twitter Authorization App
- Assign Channel details

A screenshot of the Joomla! administration interface for adding a Twitter channel. The interface is divided into two main sections: 'Channel data' on the left and 'Channel details' on the right. At the top, there are four buttons: 'Save', 'Save & Close', 'Save & New', and 'Cancel'.
Channel data section:

- Type ***: A dropdown menu with 'Twitter' selected.
- Name**: A text input field containing 'Twitter'.
- Description**: A large text area for a description.
- Status**: Two radio buttons, 'Published' (selected) and 'Unpublished'.
- Autopublish**: Two radio buttons, 'Yes' (selected) and 'No'.
- Include Hashtags**: Two radio buttons, 'Yes' (selected) and 'No'.
- Media mode**: A dropdown menu with 'Status message and Image' selected.

Channel details section:

- Text: 'Send your generated AutoTweetNG content to your **Twitter timeline** as status message.'
- Text: 'To create a **Twitter app** (Access tokens), please visit [Twitter Developers](#), or check the [documentation](#).'
- API/ Consumer key ***: A text input field.
- API/ Consumer secret ***: A text input field.
- Access token ***: A text input field.
- Access token secret ***: A text input field.
- Validate**: A blue button.
- ?**: A question mark icon.
- User ID ***: A text input field.

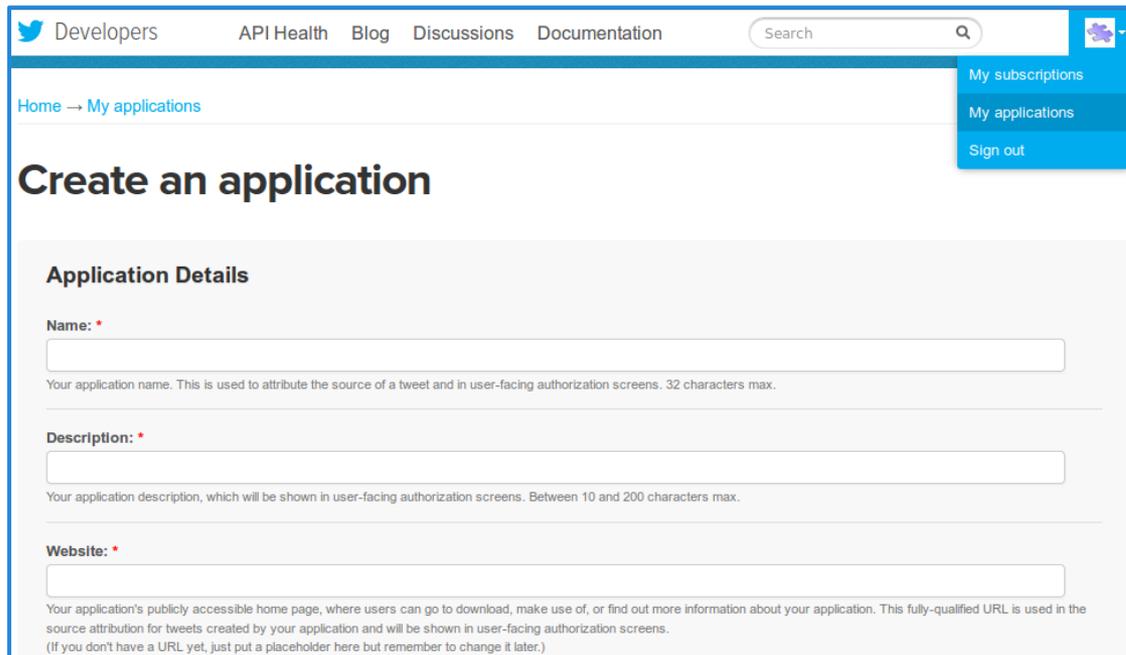
At the bottom right, there is a yellow notification box with a thumbs-up icon and the text: 'Tutorial: How to AutoTweet from Joomla in 5 minutes'.



Add channel / Twitter



- Login at <https://dev.twitter.com/> with your Twitter username and password
- Go to My applications and create an application to start using the Twitter API

A screenshot of the Twitter Developer website's 'Create an application' page. The page has a blue header with navigation links: 'Developers', 'API Health', 'Blog', 'Discussions', and 'Documentation'. A search bar is on the right. Below the header, there's a breadcrumb 'Home → My applications'. The main heading is 'Create an application'. Underneath is the 'Application Details' section with three input fields: 'Name', 'Description', and 'Website'. Each field has a red asterisk indicating it's required. Below each field is a small explanatory text. A blue arrow points to the 'My applications' link in the top right navigation menu.

Add channel / Twitter



- Go to Permissions tab, Access **must be** Read and Write

A screenshot of the Twitter Application Management interface. The page title is 'Application Management' with a Twitter logo. The application name is 'AutotweetNG test'. There are tabs for 'Details', 'Settings', 'API Keys', and 'Permissions', with 'Permissions' being the active tab. A 'Test OAuth' button is visible. Under the 'Access' section, there are three radio button options: 'Read only', 'Read and Write' (which is selected and highlighted by a blue arrow), and 'Read, Write and Access direct messages'. A 'Note' section below explains that changes to the permission model require re-negotiating access tokens. An 'Update settings' button is at the bottom.



Add channel / Twitter



- Copy and paste your keys in the channel data

The screenshot shows the 'API Keys' tab in the Twitter Developer Portal. It is divided into two sections: 'Application settings' and 'Your access token'. Both sections contain fields for API key, API secret, Access level, Owner, and Owner ID. The 'API secret' and 'Access token secret' fields are redacted with a grey scribble. Blue arrows on the left point to these redacted fields, indicating they should be copied. Below the 'Application settings' section, there are buttons for 'Regenerate API keys' and 'Change App Permissions'. Below the 'Your access token' section, there is a scroll bar and a button for 'Regenerate API keys'.

Field	Value
API key	[Redacted]
API secret	[Redacted]
Access level	Read and Write (modify app permissions)
Owner	extly
Owner ID	[Redacted]
Access token	[Redacted]
Access token secret	[Redacted]
Access level	Read and Write
Owner	extly



Add channel / Twitter



- Copy and paste your keys and token in channel details
- Click on Validate and the User ID will be filled

Save Save & Close Save & New Cancel

Select type

Type * Twitter

Channel data

Name

Description

Status Published Unpublished

Autopublish Yes No

Include Hashtags Yes No

Channel details

Send your generated AutoTweetNG content to your **Twitter timeline** as status message.

To create a **Twitter app** (Access tokens), please visit [Twitter Developers](#), or check the [documentation](#).

API/ Consumer key *

API/ Consumer secret *

Access token *

Access token secret *

Validate

✓ Success

User ID *

https://twitter.com



Add channel / Twitter



AutoTweetNG is ready to publish!

- A new Twitter App, keys and tokens have been created.
- A new Twitter Channel has been created.

By default, all new articles are going to be published to Twitter.



Add channel / LinkedIn



- Every Profile, or Group is a different channel.
- A channel access requires the account authorization.

Save Save & Close Save & New Cancel

Select type

Type * LinkedIn

Channel data

Name *

Description

Status Published Unpublished

Autopublish On Off

Include Hashtags On Off

Media mode Status message and Image

ID

Channel details

Post to the wall of a LinkedIn **Profile** (share).

Note about Media Mode: You can post the message (with link) only or you can post a title, text and image with link (mode attachment) or both!

To create a **LinkedIn App** (Access Token), please visit [LinkedIn Developer Network](#), or check the [documentation](#).

API Key *

Secret Key *

OAuth User Token *

OAuth User Secret *

Validate ?

User ID *

Tutorial: How to AutoTweet from Joomla in 5 minutes



Add channel / LinkedIn



LinkedIn Developer Network

Add New Application

Fill out the form to register a new application:

Company Info

* Company:

* Company Name:

Account Administrators: You will be assigned as an account administrator.

Additional Administrators:

Administrators appearing here will be account administrators for all applications for details and add/remove other administrators and developers.

Application Info

* Application Name:

* Description:

* Website URL:

Where your people should go to learn about your application.

* Application Use:

What best describes your application?

Application Developers:

Network updates you send will appear only for developers you list.

Include yourself as a developer for this application

* Live Status:

While in development, your network updates will only go to the developers you ch

Contact Info

- Login at <https://developer.linkedin.com/> with your LinkedIn username and password
- Go to API Keys and click on Add New Application



Add channel / LinkedIn



LinkedIn Developer Network

 Your application was successfully created.

Application Details

Company:
AutoTweetNG

Application Name:
AutoTweetNG Demo App

API Key:
[Redacted]

Secret Key:
[Redacted]

OAuth User Token:
[Redacted]

OAuth User Secret:
[Redacted]

- You have your Keys & Tokens
- Remember to enable these permissions

OAuth User Agreement

Default Scope:

<input type="checkbox"/> r_emailaddress	<input type="checkbox"/> r_network	<input checked="" type="checkbox"/> rw_groups
<input type="checkbox"/> r_contactinfo	<input checked="" type="checkbox"/> rw_company_admin	<input checked="" type="checkbox"/> rw_nus
<input type="checkbox"/> w_messages	<input checked="" type="checkbox"/> r_basicprofile	<input type="checkbox"/> r_fullprofile

Selecting both r_basicprofile and r_fullprofile is redundant. r_basicprofile will be selected if neither r_basicprofile nor r_f



Add channel / LinkedIn



- Copy and paste your keys in the channel data
- Click on Validate and the User ID will be filled

Joomla! AutoTweetNG Pro - Channel

Select type

Type *

Channel data

Name *

Description

Status Published Unpublished

Autopublish On Off

Include Hashtags On Off

Channel details

Post to the wall of a LinkedIn **Profile** (share).

Note about Media Mode: You can post the message (with link) only or you can post a title, text and image with link (mode attachment) or both!

To create a **LinkedIn App** (Access Token), please visit [LinkedIn Developer Network](#), or check the [documentation](#).

API Key *

Secret Key *

OAuth User Token *

OAuth User Secret *

Success

User ID *



Add channel / LinkedIn



AutoTweetNG is ready to publish!

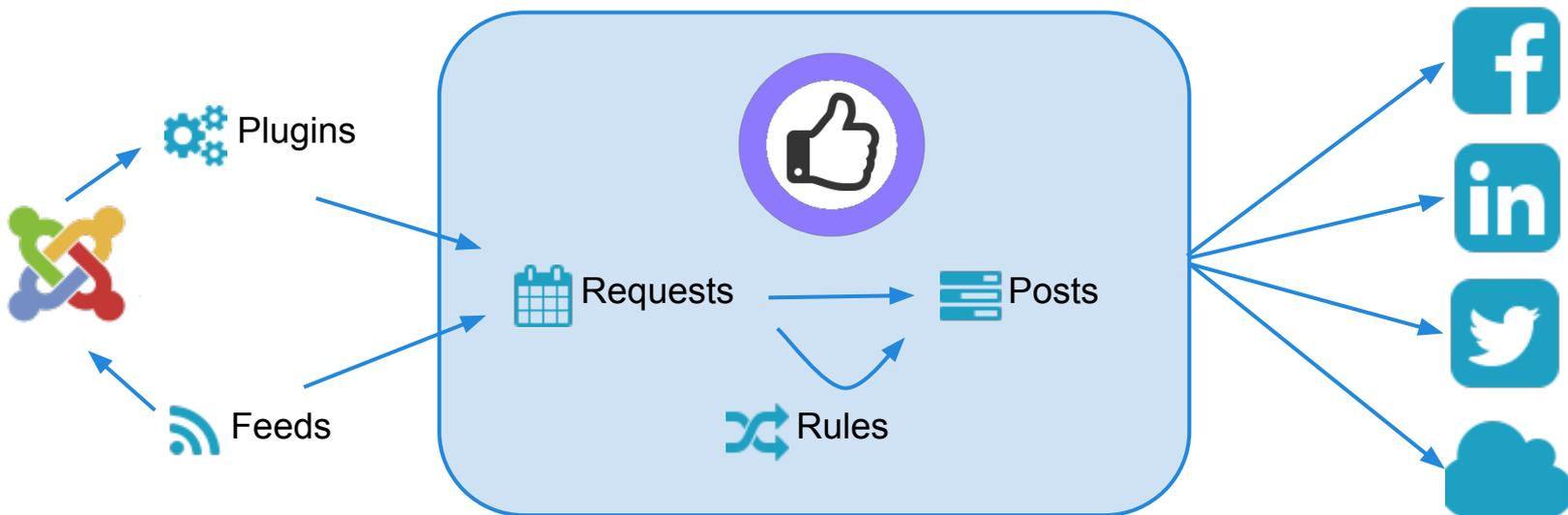
- A new LinkedIn App, Keys and tokens have been created.
- A new LinkedIn Channel has been created.

By default, all new articles are going to be published to LinkedIn.



Create a test article

1. Create an article
2. Check the Requests list
3. Wait 3 minutes, visit the frontpage
4. Check the Posts list
5. Check Facebook, Twitter, or LinkedIn



Advanced: Posting on page load vs cronjob task

There's always a delayed publication, caused by Social Channel API processing times. By default, only when front pages are visited Requests and Posts are processed by the Automator plugin (every 2-3 minutes). The processing modes are:

1. **Manual**, you can push a request of the queue
2. **Automator Plugin**, on front-site page load requests are processed
3. **Cronjob task**, for heavy loads, on periodic command line calls requests are processed
4. **Web Cronjob task**, to schedule a periodic page load to process requests

The Automator Plugin is the most common solution.

To configure the Cronjob task, you must run the command line:

```
php -f /[PATH_TO_JOOMLA_ROOT]/cli/autotweetstartcronjob.php
```

Or, to run the Web cron job task (AutoTweetNG / Joomcial v7.3.1, or superior):

```
wget -O /dev/null "http://www.yoursite.com/index.php?option=com_autotweet&view=cron&task=runkey=Secret"
```

Enable and configure cronjob mode in AutoTweetNG backend parameters.

Options / Cronjob mode / Cron mode = On.

Reference: [User Manual: Automating your social publishing](#)

One last word

We love your feedback, it's our way to improve.

This presentation was created with your help.

Please post a rating and a review at the #JED
It really helps ;-)

Support: <http://support.extly.com>
Community Forum Support: <http://www.extly.com/forum/index.html>

Twitter [@extly](https://twitter.com/extly)
Facebook facebook.com/extly

