

Tweet on publish for Umbraco

Version 1.0

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Introduction

Tweet on publish for Umbraco performs Twitter status updates (tweets) when an Umbraco content node is published. The type of nodes, and tweet content are configurable.

Prerequisites

Requirements

Tweet on publish for Umbraco will work with Umbraco version 4.0.1 or later. Previous versions of Umbraco are not supported.

Downloading

Tweet on publish for Umbraco can be downloaded from the following URL:

http://www.darren-ferguson.com/media/79757/tweet_on_publish_1.0.zip

It can also be download from the our.umbraco project page.

<http://our.umbraco.org/projects/tweet-on-publish>

Installing

In the developer section of the Umbraco GUI:

- Expand the packages node of the navigation tree.
- Click on install local package.
- Click on the browse button in the right pane and locate your downloaded version of Tweet on publish for Umbraco.
- Click on the Load Package button.

Confirm any further prompts from Umbraco

Uninstalling

Delete *FergusonMoriyama.Umbraco.DocumentPublishTweet.dll* from the bin directory of your Umbraco website.

Delete the */umbraco/plugins/DocumentPublishTweet* directory from the root directory of your Umbraco website.

Using Tweet on publish for Umbraco

Once installed you will need to modify the Tweet on publish configuration file in */umbraco/plugins/DocumentPublishTweet/tweet.config* relative to the document root of your Umbraco website.

An example configuration file would look as follows:

```
<config>
  <accounts>
    <account key="mainaccount">
      <login>myfirsttwitterid</login>
      <password>secrit</password>
    </account>
    <account key="seocondaccount">
      <login>mysecondtwitterid</login>
      <password>secrit</password>
    </account>
  </accounts>
  <document_types>
    <document_type alias="umbracoBlogPost">
      <!-- <title_property_alias>title</title_property_alias -->
      <tweets>
        <tweet domain_filter="mydomain.com">
          <account>mainaccount</account>
          <message>blogged '#title#' #url#</message>
        </tweet>
        <tweet domain_filter="myotherdomain.com">
          <account>seocondaccount</account>
          <message>i just blogged '#title#' #url#</message>
        </tweet>
      </tweets>
    </document_type>
    <document_type alias="umbracoBlogComment">
      <tweets>
        <tweet>
          <account>mainaccount</account>
          <message>@darrenferguson '#title#' #url#</message>
        </tweet>
        <tweet>
          <account>seocondaccount</account>
          <message>d darrenferguson '#title#' #url#</message>
        </tweet>
      </tweets>
    </document_type>
  </document_types>
</config>
```

Configuring Twitter accounts

Twitter accounts are added as child nodes of the accounts node as follows:

```
<account key="mainaccount">
  <login>myfirsttwitterid</login>
  <password>secrit</password>
</account>
```

The *key* attribute must be specified – this can be any value and is used to specify the twitter account which you wish to send tweets with.

Configuring document types to Tweet

In order for a document type to tweet it should be added as child *document_types* node in the configuration file as follows:

```
<document_type alias="umbracoBlogPost">
    ....
</document_type>
```

The value of the *alias* attribute should match the Umbraco Document type alias.

Specifying a property to retrieve a node title from

By default the node name (.Text property) will be used when tweeting. To change the property from which the title is retrieved specify a *title_property_alias* node as a child of the appropriate *document_type* node as follows:

```
<document_type alias="umbracoBlogPost">
    <title_property_alias>myNodeAlias</title_property_alias>
    ....
</document_type>
```

Configuring tweets

Tweets are configured per document type and as such are specified as children of the *tweets* node which is a child of the *document_type* node.

```
<tweets>
    <tweet domain_filter="mydomain.com">
        <account>mainaccount</account>
        <message>blogged #title# #url#</message>
    </tweet>
    <tweet>
        <account>seocondaccount</account>
        <message>@darrenferguson thought you might like #title# #url#</message>
    </tweet>
    <tweet>
        <account>seocondaccount</account>
        <message>d darrenferguson #title# #url#</message>
    </tweet>
</tweets>
```

The value of the *account* node must be the key of a twitter account in your configuration file ([see configuring twitter accounts](#))

The *domain_filter* attribute is optional. If specified the configured tweet will only be performed if the URL of the publishing context contains the value of the *domain_filter* attribute.

In the value of the *message* node the tokens *#title* and *#url* will be replaced with the appropriate values from the node being published.

Preventing duplicate tweets

By default a content node will produce tweets each time it is published. To prevent this behaviour add a true/false property to your Umbraco document type with the alias *tweeted*. Once a document has been tweeted this value will be set to true and further tweets will be suppressed.

Should you wish to tweet a document that has already been tweeted, uncheck the *tweeted* property in the Umbraco GUI, save the content node and then save and publish the content node.

Twitter API restrictions

Tweets are limited to 140 characters and this should be a consideration when configuring your tweets. URL's will automatically be shortened. In the event that a tweet generated exceeds 140 characters the twitter API will return a failure status and this failure will be logged in the *umbracoLog* table of your database.

If you are using Tweet on publish to send twitter direct messages (DMs) then please note that the standard twitter rule applies – the tweeting user must be followed by the recipient in order to send him direct messages.

Troubleshooting

Before contacting Ferguson Moriyama for support please verify the following.

- Check *FergusonMoriyama.Umbraco.DocumentPublishTweet.dll* is present in the bin directory of your Umbraco website.
- Check that the configuration file */umbraco/plugins/DocumentPublishTweet/tweet.config* exists config relative to the document root of your Umbraco website.
- You have defined at least one tweet and a corresponding twitter account in your configuration file.

In the event that you have verified the above you may wish to check the *umbracoLog* table of your Umbraco website database for log entries with the prefix *FMDOCTWEET*.

Also see the section [Twitter API restrictions](#) in this document.

Support

Ferguson Moriyama provides support for Tweet on publish for Umbraco via telephone and email.

Telephone support is available from 9am to 5pm GMT Monday to Friday. Support is not available on UK public holidays. In the event that telephone support is unavailable please leave a voicemail.

We aim to respond to support requests within 2 business days, we will normally respond significantly quicker and on rare occasions it may take us longer. Please be sympathetic to time zone differences when contacting us and note we are based in the UK and operate on GMT.

Email: df@fergusonmoriyama.com

Telephone: +44 (0)904 194 8721**

Skype: darrenjferguson

When contacting us for support we will be unable to assist without the following information.

- IP address.
- Extract of your Umbraco website umbracoLog database table.
- Your configuration file /umbraco/plugins/DocumentPublishTweet/tweet.config

* 18+ bill payers only. Calls cost £1.50 per minute, more from mobiles. SP PremTel Help 08709770640.

License

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