



CF_Blogger

v 1.0
User Guide

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INTRODUCTION

CF_Blogger is a set of ColdFusion custom tags to connect ColdFusion application with Google's Blogger Service.

Using CF_Blogger, your ColdFusion application can post, query, read and delete comments available on Blogger. With simplicity in mind, CF_Blogger is very easy to use allowing a casual ColdFusion developer to take full advantage of Blogger.

AUDIENCE

This document is intended for ColdFusion programmers who want to write ColdFusion applications that can interact with Blogger.

This document assumes that you are familiar with both ColdFusion and Blogger.

GETTING STARTED

BLOGGER ACCOUNT

Some of CF_Blogger functions such as writing blog post and comments requires your own Blogger account.

If you do not have Blogger's account yet, please [sign up for a Blogger account](#). Blogger uses [Google Accounts](#), so if you already have a Google account, you're all set.

INSTALLING CF_BLOGGER CUSTOM TAGS

CF_Blogger is very easy to use and install. Simply copy all files from /tags directory to your working directory and you are set.

There's no need for confusing installation method.

HELPER FUNCTIONS

CF_BLOGGER_GETBLOGID– GETTING BLOGID

A blog in Blogger service is identified with a value called BlogID.

To determine a BlogID, a custom tag named CF_Blogger_GetBlogID is available.

SYNTAX

```
<cf_blogger_getblogid Name=" variable to hold BlogID - required"  
                    BlogURL="URL of blog you want to identify - required"
```



```
ProxyServer="Proxy Server Name or Address"  
ProxyPort = "Proxy port"  
ProxyUserName="Proxy user name"  
ProxyPassword="Poxy password">
```

You have to fill in proxyserver, proxyport if your ColdFusion server requires a proxy server to connect to the internet.

You can also fill in proxyusername and proxypassword if your proxy requires a user authentication.

Otherwise, leave these fields blank (default).

SAMPLE CODE

```
<cf_blogger_getblogid name="strBlogID" BlogURL=http://cfbloggertest.blogspot.com>  
<cfoutput>BlogID: #strBlogID#</cfoutput>
```

A successful call will return the BlogID of <http://cfbloggertest.blogspot.com> in your variable name strBlogID.

BlogURL can be any blog within Blogger service. It doesn't have to be your own blog.

A complete example can be found in: /samples/example_getblogid.cfm

QUERYING POSTS IN A BLOG

CF_BLOGGER_QUERY

Sometimes we want to query list of posts inside a blog.

CF_Blogger_Query is used to query all posts within a blog. It will output a query object.

SYNTAX

```
<cf_blogger_query Name="variable to hold the result - required" BlogID="Blog Identifier - required"  
    email="Google's account email address for authentication (not required, read below)"  
    Password="Google's account password for authentication (not required, read below)"  
    ProxyServer="Proxy Server Name or Address"
```



```
ProxyPort = "Proxy port"  
ProxyUserName="Proxy user name"  
ProxyPassword="Poxy password" >
```

SQL select statement **from blog**

```
</cf_blogger_query>
```

If you send an unauthenticated request (without email and password), it receives either full content or summary of the blog owner has specified.

If you send an authenticated request, however, it always receives a full content.

You have to fill in proxyserver, proxyport if your ColdFusion server requires a proxy server to connect to the internet.

You can also fill in proxyusername and proxypassword if your proxy requires a user authentication.

Otherwise, leave these fields blank (default).

OUTPUT

The result of this custom tags is a query object that may contains the following fields:

- ID – The ID of post (PK)
- BlogID – The ID of Blog (should be the same with input parameter)
- PostID – Post identifier (PK)
- Published – Date time object identifying the published date
- Updated – Date time object identifying last updated date
- Title – Title of the post
- Content – Full content of the post (maybe blank, depends on authentication)
- Summary – Summary of the post (maybe blank, depends on authentication)
- Category – Comma delimited list of categories (tags)
- Auth_Name – Author name
- Auth_Email – Author's email address
- Link_Self – Self referenced URL for this post (not really required)



- Link_Alt – A friendly URL to this post
- Link_Edit – A URL to post changes (not really required)

SAMPLE CODE

```
<cf_blogger_getblogid name="myVar" BlogURL=http://cfbloggertest.blogspot.com>
<cf_blogger_query Name="qryPost" BlogID="# myVar #">
    Select * from blog
    Where Published>'1-Jan-2010'
</cf_blogger_query>
<cfoutput query="qryPost">
    #qryPost.Title#<br>
</cfoutput>
```

A complete example can be found in: /samples/example_query.cfm

POSTING AN ARTICLE

Posting an article requires a Blogger account.
You have to specify Google's account email address and password used for authentication purpose.

CF_BLOGGER_POST

CF_Blogger_Post is a custom tag to post a new article.

SYNTAX

```
<cf_blogger_post email="Google's account email address - required"
    Password="Google's account password - required"
    BlogURL="Blog URL - required"
    Title="Article title"
    Content="Article content">
```



Category="Comma delimited list of categories for this article (tags)"

Publish="publish|draft"

ProxyServer="Proxy Server Name or Address"

ProxyPort = "Proxy port"

ProxyUserName="Proxy user name"

ProxyPassword="Poxy password" >

Publish attribute is used to determine whether the article should be saved as draft, or directly published (live).

You have to fill in proxyserver, proxyport if your ColdFusion server requires a proxy server to connect to the internet.

You can also fill in proxyusername and proxypassword if your proxy requires a user authentication.

Otherwise, leave these fields blank (default).

OUTPUT

The output of CF_Blogger_Post is a structure:

Blogger.Post = "OK|Error"

Blogger.PostID = "PostID for the newly posted article"

Blogger.PostAltURL="URL for the newly posted article"

SAMPLE CODE

```
<cf_blogger_post email="joe@gmail.com"
    Password="joe's password"
    BlogURL="http://cfbloggertest.blogspot.com"
    Title="My New Article"
    Content="This is my content"
    Category="test,cfblogger,mytag"
    Publish="publish">
```

Above code will post a new article to <http://cfbloggertest.blogspot.com> with live status.



A complete example can be found in: /samples/example_post.cfm

CF_BLOGGER_DRAFT

CF_Blogger_Draft is used to put an article to draft status.

SYNTAX

```
<cf_blogger_draft email="Google's account email address - required"
    Password="Google's account password - required"
    BlogURL="Blog URL - required"
    PostID="PostID you want to save as draft - required"
    ProxyServer="Proxy Server Name or Address"
    ProxyPort = "Proxy port"
    ProxyUserName="Proxy user name"
    ProxyPassword="Poxy password" >
```

You have to fill in proxyserver, proxyport if your ColdFusion server requires a proxy server to connect to the internet.

You can also fill in proxyusername and proxypassword if your proxy requires a user authentication.

Otherwise, leave these fields blank (default).

OUTPUT

CF_Blogger_Draft will output a structure:

```
Blogger.Draft="OK|ERROR"
```

```
Blogger.PostAltURL="URL for the newly posted article"
```

SAMPLE CODE

```
<cf_blogger_draft email="joe@gmail.com"
    Password="joe's password"
    BlogURL="http://cfbloggertest.blogspot.com"
    PostID="8171258944625909151">
```



Above code will put the article identified as PostID 8171258944625909151 to draft status

CF_BLOGGER_PUBLISH

CF_Blogger_Publish is used to put an article to published (live) status.

SYNTAX

```
<cf_blogger_publish email="Google's account email address - required"
    Password="Google's account password - required"
    BlogURL="Blog URL - required"
    PostID="PostID you want to publish - required"
    ProxyServer="Proxy Server Name or Address"
    ProxyPort = "Proxy port"
    ProxyUserName="Proxy user name"
    ProxyPassword="Poxy password" >
```

You have to fill in proxyserver, proxyport if your ColdFusion server requires a proxy server to connect to the internet.

You can also fill in proxyusername and proxypassword if your proxy requires a user authentication.

Otherwise, leave these fields blank (default).

OUTPUT

CF_Blogger_Publish will output a structure:

```
Blogger.Publish="OK|ERROR"
```

```
Blogger.PostAltURL="URL for the newly posted article"
```

SAMPLE CODE

```
<cf_blogger_publish email="joe@gmail.com"
    Password="joe's password"
    BlogURL="http://cfbloggertest.blogspot.com"
```



```
PostID="8171258944625909151">
```

Above code will put the article identified as PostID 8171258944625909151 to live.

UPDATING AN ARTICLE

Updating an article requires a Blogger account.

You have to specify Google's account email address and password used for authentication purpose.

CF_BLOGGER_UPDATE

CF_Blogger_Update is a custom tag to update an existing article.

SYNTAX

```
<cf_blogger_update email="Google's account email address - required"
    Password="Google's account password - required"
    BlogURL="Blog URL - required"
    PostID="PostID you want to update - required"
    Title="New Article title"
    Content="New Article content"
    Category="Comma delimited list of new categories for this article (tags)"
    Publish="publish|draft"
    ProxyServer="Proxy Server Name or Address"
    ProxyPort = "Proxy port"
    ProxyUserName="Proxy user name"
    ProxyPassword="Poxy password" >
```

You have to fill in proxyserver, proxyport if your ColdFusion server requires a proxy server to connect to the internet.

You can also fill in proxyusername and proxypassword if your proxy requires a user authentication.

Otherwise, leave these fields blank (default).

Publish attribute is used to determine whether the article should be saved as draft, or directly published (live)

OUTPUT



The output of CF_Blogger_Update is a structure:

```
Blogger.Update = "OK|Error"
```

```
Blogger.PostAltURL="URL for the updated article"
```

SAMPLE CODE

```
<cf_blogger_update email="joe@gmail.com"  
    Password="joe's password"  
    BlogURL="http://cfbloggertest.blogspot.com"  
    PostID="8171258944625909151"  
    Title="My Updated Article"  
    Content="This is my updated content"  
    Category="update,test,cfblogger,mytag"  
    Publish="publish">
```

Above code will update article as identified by PostID="8171258944625909151" and set as live.

DELETING AN ARTICLE

Deleting an article requires a Blogger account.

You have to specify Google's account email address and password used for authentication purpose.

CF_BLOGGER_DELETE

CF_Blogger_Delete is a custom tag to delete an existing article.

SYNTAX

```
<cf_blogger_delete email="Google's account email address - required"  
    Password="Google's account password - required"  
    BlogURL="Blog URL - required"  
    PostID="PostID you want to delete - required"  
    ProxyServer="Proxy Server Name or Address"  
    ProxyPort = "Proxy port"
```



```
ProxyUserName="Proxy user name"
```

```
ProxyPassword="Poxy password" >
```

You have to fill in proxyserver, proxyport if your ColdFusion server requires a proxy server to connect to the internet.

You can also fill in proxyusername and proxypassword if your proxy requires a user authentication.

Otherwise, leave these fields blank (default).

OUTPUT

The output of CF_Blogger_Delete is a structure:

```
Blogger.Delete = "OK|Error"
```

SAMPLE CODE

```
<cf_blogger_delete email="joe@gmail.com"  
    Password="joe's password"  
    BlogURL="http://cfbloggertest.blogspot.com"  
    PostID="8171258944625909151">
```

Above code will delete article as identified by PostID="8171258944625909151"

QUERYING BLOG COMMENTS

CF_BLOGGER_COMMENT_QUERY

Sometimes we want to query list of comments inside a blog.

CF_Blogger_Comment_Query is used to query all comments within a blog. It will output a query object.

SYNTAX

```
<cf_blogger_comment_query Name="variable to hold the result - required" BlogID="Blog Identifier - required"  
    email="Google's account email address for authentication (not required, read below)"  
    Password="Google's account password for authentication (not required, read below)"  
    ProxyServer="Proxy Server Name or Address"  
    ProxyPort = "Proxy port"
```



```
ProxyUserName="Proxy user name"
```

```
ProxyPassword="Poxy password" >
```

SQL select statement **from comment**

```
</cfblogger_comment_query>
```

You have to fill in proxyserver, proxyport if your ColdFusion server requires a proxy server to connect to the internet.

You can also fill in proxyusername and proxypassword if your proxy requires a user authentication.

Otherwise, leave these fields blank (default).

If you send an unauthenticated request (without email and password), it receives either full content or summary of the blog owner has specified.

If you send an authenticated request, however, it always receives a full content.

OUTPUT

The result of this custom tags is a query object that may contains the following fields:

- ID – The ID of comment (PK)
- BlogID – The ID of Blog (should be the same with input parameter)
- PostID –Post identifier
- CommentID – Comment identifier (PK)
- Published – Date time object identifying the published date
- Updated – Date time object identifying last updated date
- Title – Title of the comment
- Content – Full content of the comment (maybe blank, depends on authentication)
- Summary – Summary of the comment (maybe blank, depends on authentication)
- Auth_Name – Author name
- Auth_Email – Author's email address
- Link_Self – Self referenced URL for this comment (not really required)
- Link_Alt – A friendly URL to this comment



- Link_Edit – A URL to post changes (not really required)

SAMPLE CODE

```
<cf_blogger_getblogid name="myVar" BlogURL=http://cfbloggertest.blogspot.com>
<cf_blogger_comment_query Name="qryComment" BlogID="# myVar #">
    Select * from comment
    Where PostID=' 8171258944625909151'
</cf_blogger_comment_query>
<cfoutput query="qryComment">
    #qryComment.Title# - # qryComment.Content# - # qryComment.Summary#<br>
</cfoutput>
```

A complete example can be found in: /samples/example_comment_query.cfm

POSTING A COMMENT

Posting a comment requires a Blogger account.
You have to specify Google's account email address and password used for authentication purpose.

CF_BLOGGER_COMMENT_POST

CF_Blogger_Comment_Post is a custom tag to post a new comment

SYNTAX

```
<cf_blogger_comment_post email="Google's account email address - required"
    Password="Google's account password - required"
    BlogURL="Blog URL - required"
    PostID="PostID you want to add comment to - required"
    Title="Comment title"
    Content="Comment content"
    ProxyServer="Proxy Server Name or Address"
```



```
ProxyPort = "Proxy port"
ProxyUserName="Proxy user name"
ProxyPassword="Poxy password" >
```

You have to fill in proxyserver, proxyport if your ColdFusion server requires a proxy server to connect to the internet.

You can also fill in proxyusername and proxypassword if your proxy requires a user authentication.

Otherwise, leave these fields blank (default).

OUTPUT

The output of CF_Blogger_Comment_Post is a structure:

```
Blogger.CommentPost = "OK|Error"
Blogger.CommentID = "CommentID for the newly posted comment"
Blogger.commentAltURL="URL for the newly posted comment"
```

SAMPLE CODE

```
<cf_blogger_comment_post email="joe@gmail.com"
    Password="joe's password"
    BlogURL="http://cfbloggertest.blogspot.com"
    PostID="8171258944625909151"
    Title="My New Comment"
    Content="This is my Comment">
```

Above code will post a new comment to <http://cfbloggertest.blogspot.com>, PostID="8171258944625909151"

DELETING A COMMENT

Deleting a comment requires a Blogger account.

You have to specify Google's account email address and password used for authentication purpose.

You can only delete comment from your own blog.

CF_BLOGGER_COMMENT_DELETE



CF_Blogger_Delete is a custom tag to delete an existing article.

SYNTAX

```
<cf_blogger_delete email="Google's account email address - required"
    Password="Google's account password - required"
    BlogURL="Blog URL - required"
    PostID="PostID you want to delete - required"
    ProxyServer="Proxy Server Name or Address"
    ProxyPort = "Proxy port"
    ProxyUserName="Proxy user name"
    ProxyPassword="Poxy password" >
```

You have to fill in proxyserver, proxyport if your ColdFusion server requires a proxy server to connect to the internet.

You can also fill in proxyusername and proxypassword if your proxy requires a user authentication.

Otherwise, leave these fields blank (default).

OUTPUT

The output of CF_Blogger_Delete is a structure:

```
Blogger.Delete = "OK|Error"
```

SAMPLE CODE

```
<cf_blogger_delete email="joe@gmail.com"
    Password="joe's password"
    BlogURL="http://cfbloggertest.blogspot.com"
    PostID="8171258944625909151">
```

Above code will delete article as identified by PostID="8171258944625909151"



