

TinyUrl (v1.2)

1. Description

The TinyUrl plugin provides two main functions:

- Converts urls to tinyurls
- Displays the page title of the requested URL

When the !tinyurl command is entered, it takes the last url seen in the channel, converts it to a tinyurl and displays the tinyurl in the channel.

If the titlereader is enabled and the URL points to a HTML page, the HTML title will be displayed on the channel. The titlereader will also look for an RDF block in the HTML document and try to extract RDF title information.

The tinyurl and title information can be displayed on either the same line or as separate lines. The following example shows the output of a combined tinyurl and the page title:

```
<user> http://www.cnn.com/2007/TECH/science/11/15/dino.vacuum.ap/index.html
<tinyurl> http://tinyurl.com/yvnrh2 [www.cnn.com/2...ap/index.html]:
        Dinosaur sucked up food like a vacuum - CNN.com
```

The titlereade feature includes a blacklist function that can be used to disable the feature for certain hosts. This is useful in case the title information on pages from a certain host does not include any information not already apparent from the URL.

2. Configuration

The configuration file for this plugin is **plugins/TinyUrl/TinyUrlConfig.xml**

2.1. Commands

The commands section defines the commands for calling tinyurl and control the title reader blacklist. The following commands are supported:

- **commandTinyUrl** - The command for generating a tinyurl. Please note that if automatic tinyurl generation is enabled (see the automatic-tinyurl configuration option below), this command is ignored by the plugin.
- **commandAddLastUrlToBlackList** - The command for adding the host of the last processed URL to the titlereader blacklist. The host is added to the channel specific blacklist.
- **commandListChannelBlackLists** - The command for listing the titlereader blacklist contents. Lists both the channel specific and the global blacklist contents.
- **commandRemoveFromBlackList** - The command for removing a host from the channel specific titlereader blacklist.

You can set the authLevel to control who is allowed to access each command:

- **authLevel** - ANY, ADMIN, MASTER, TRUSTED, NONE

```
<commands>
  <commandTinyUrl authLevel="none">!tinyurl</commandTinyUrl>
  <commandAddLastUrlToBlackList authLevel="none">!tinyurl add blacklist</commandAddLastUrlToBlackList>
  <commandListChannelBlackLists authLevel="none">!tinyurl list
blacklist</commandListChannelBlackLists>
  <commandRemoveFromBlackList authLevel="none">!tinyurl remove blacklist</commandRemoveFromBlackList>
```

```
</commands>
```

2.2. TinyUrl configuration

2.2.1. automatic-tinyurl

Whether to enable automatic generation of tinyurls. Disabled by default. If enabled, the !tinyurl command above is ignored.

```
<automatic-tinyurl enable="true"/>
```

2.2.2. original-url-quoting / enable

if enabled, the original url will be quoted in the output message

```
<original-url-quoting>
  ..
  <enable>true</enable>
  ..
</original-url-quoting>
```

2.2.3. original-url-quoting / max-length

the maximum length of the quoted url. If length exceeded, the middle part will be replaced with "..." so that the result will be this long.

```
<original-url-quoting>
  ..
  <max-length>30</max-length>
  ..
</original-url-quoting>
```

2.2.4. original-url-quoting / strip-protocol

whether to strip the protocol i.e. http:// or https:// from the original url in the message sent to the channel

```
<original-url-quoting>
  ..
  <strip-protocol>>false</strip-protocol>
  ..
</original-url-quoting>
```

2.2.5. tinyurl-request-interval

The minimum interval (in seconds) between two tinyurl requests (to avoid abuse of tinyurl service)

```
<tinyurl-request-interval>10</tinyurl-request-interval>
```

2.2.6. url-min-length

The minimum length of the url that will be tinyurlized

```
<url-min-length>5</url-min-length>
```

2.3. Titlereader configuration

2.3.1. titlereader / enable

Enables or disabled the titlereader functionality

```
<titlereader>
...
<enable>true</enable>
...
</titlereader>
```

2.3.2. titlereader / singlelineoutput

If enabled, page titles will be displayed on the same line after the tinyurl. If disabled, page titles are displayed on an own row

```
<titlereader>
...
<singlelineoutput>true</singlelineoutput>
...
</titlereader>
```

2.3.3. titlereader / output_view_blacklist_to_channel

If enabled, viewing titlereader blacklist will send output to channel. If disabled, output is sent as private message

```
<titlereader>
...
<output_view_blacklist_to_channel>>false</output_view_blacklist_to_channel>
...
</titlereader>
```

2.3.4. titlereader-blacklist

List of hosts that should be ignored by the titlereader. The channel attribute indicates the host is on the channel specific blacklist. If the channel attribute is missing, the host is on the global blacklist.

NOTE: This section is automatically updated when hosts are added or removed during runtime.

```
<titlereader-blacklist>
  <host>www.dilbert.com</host>
```

```
<host channel="#sample">www.shoutfile.com</host>
</titlereader-blacklist>
```

2.4. Messages

The message section configures the messages sent to the channel when the TinyUrl plugin is used.

2.4.1. messages / msgUrlIsTinyAlready

Printed if the url is tiny enough already. Not used if automatic-tinyurl mode is enabled

```
<messages>
  ..
  <msgUrlIsTinyAlready>Url is tiny enough already :)</msgUrlIsTinyAlready>
  ..
</messages>
```

2.4.2. messages / msgNoUrl

Printed if no url has yet been detected in the channel (also happens after reloading the plugin)

```
<messages>
  ..
  <msgNoUrl>No url</msgNoUrl>
  ..
</messages>
```

2.4.3. messages / msgFailureFor

Printed if there was a problem creating a tinyurl

```
<messages>
  ..
  <msgFailureFor>Sorry, failed to create tinyurl for</msgFailureFor>
  ..
</messages>
```

2.4.4. messages / msgBlackListAdd

Printed when a request was made to add the host of the last URL on the channel to the titlereader blacklist

```
<messages>
  ..
  <msgBlackListAdd>Page titles will not be reported for the following host:</msgBlackListAdd>
  ..
</messages>
```

2.4.5. messages / msgBlackListAddFailure

Printed in case the host could not be parsed from the last URL on the channel

```
<messages>
  ..
  <msgBlackListAddFailure>Failed to add host to titlereader blacklist</msgBlackListAddFailure>
  ..
</messages>
```

2.4.6. messages / msgBlackListRemove

Printed when a host was removed from the titlereader blacklist. Appended with host name.

```
<messages>
  ..
  <msgBlackListRemove>Host removed from titlereader blacklist:</msgBlackListRemove>
  ..
</messages>
```

2.4.7. messages / msgBlackListRemoveFailure

Printed in case the host could not be removed from the blacklist or the host was not found on the blacklist. Appended with the host name.

```
<messages>
  ..
  <msgBlackListRemoveFailure>Failed to remove host from titlereader
blacklist:</msgBlackListRemoveFailure>
  ..
</messages>
```

NOTE: The messages can be disabled by specifying an empty string.

3. Commands

3.1. Create tinyurl

Command: !tinyurl [url]

Description: Create tinyurl of last or given url

Auth Level: As configured

Where to give command: channel (message, action, notice)

Outputs to: channel

Example(s):

- !tinyurl
- !tinyurl http://some.host.com/some/path

3.2. Add host to titlereader blacklist

Command: !tinyurl add blacklist

Description: Adds the host of the last given URL to the titlereader channel specific blacklist. Titles will not be displayed for URLs from the host anymore.

Auth Level: As configured

Where to give command: channel (message, action, notice)

Outputs to: channel

Example(s):

- !tinyurl add blacklist

3.3. List titlereader blacklist

Command: !tinyurl list blacklist

Description: Lists the contents of the titlereader blacklist. Shows the global blacklist and the channel specific blacklist for the channel the command was given on.

Auth Level: As configured

Where to give command: channel (message, action, notice)

Outputs to: channel or private message. Depends on configuration.

Example(s):

- !tinyurl list blacklist

3.4. Remove host form titlereader blacklist

Command: !tinyurl remove blacklist [host]

Description: Removes the given host from the channel specific titlereader blacklist.

Note: the global blacklist can be modified only by editing the plugin configuration file.

Auth Level: As configured

Where to give command: channel (message, action, notice)

Outputs to: channel

Example(s):

- !tinyurl remove blacklist www.dilbert.com

4. Change History

v1.2	Version 2.0 by Dan Silfvast . Added titlereader functionality.
v1.1	Version 1.1 by xkr47
v1.0	First Version by xkr47