

# **BB Usage Statistics**

**A Mod for the phpBB Forum Software**

**Christopher calennert Lennert**

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# **BB Usage Statistics: A Mod for the phpBB Forum Software**

Christopher calennert Lennert

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The Board Usage Statistics mod displays statistical information on a bulletin board user's Profile page detailing the user's per forum and per category posts, post rate, percent of user's total posts, new topics initiated, topic rate, and the number of topics watched.

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# Chapter 1. Introduction

## Purpose

This modification software (or mod) is intended to enhance phpBB, the free forum software (<http://www.phpbb.com>), by adding bulletin board usage statistics information to each user's Profile page. The mod aims for maximum configurability as well as ease of installation.

**Figure BB Usage Stats Example.**

**Board Usage Statistics** Column Descriptions

Forum	Posts	Post Rate x 1000	%UTP	%UTUP	New Topics	Topic Rate x 100	Watched
<b>Favorites</b>	6	250.00	42.86%	54.55%	4	16.67	2
Favorite Movies	0	0.00	0.00%	0.00%	0	0.00	0
Favorite Songs	3	125.00	21.43%	27.27%	2	8.33	2
Favorite Colors	2	83.33	14.29%	18.18%	1	4.17	0
Hidden Forum	1	41.67	7.14%	9.09%	1	4.17	0
<b>General</b>	5	208.33	35.71%	45.45%	3	12.50	1
Suggestions	5	208.33	35.71%	45.45%	2	8.33	0
Rants 'n' Raves	0	0.00	0.00%	0.00%	1	4.17	1
<b>Scale By:</b>		1000 <input type="button" value="v"/>				100 <input type="button" value="v"/>	

## Feature Summary

The BB Usage Statistics mod displays statistical information on a bulletin board user's Profile page detailing the user's per forum and per category:

- *Posts* - The number of posts in the corresponding forum or category.
- *Post Rate* - A value that can be scaled by the viewer at the board administrator's discretion. A default scaling factor can be also set by the administrator.
- *Percent of User's Total Posts (%UTP)*
- *Percent of User's Total Unpruned Posts (%UTUP)* - An optional column that displays more accurate percentages than %UTP for boards that do not reset user post counts following pruning operations.
- *New Topics* - The number of new topics initiated by the user.
- *Topic Rate* - Functions in the same manner as Post Rate.

- *Watched* - The number of topics being watched by the user.

The mod's administrative configuration options include ability to set:

- The classes of users allowed to view the statistics. The classes of users include Anonymous, Self, Users, Moderator, Admin, and Special Group. The Special Group allows the administrator to define a usergroup and assign it the ability to view users' statistics.
- View Options which switch on or off various items of information in the statistics table including “Display %UTUP Column in Stats Table”, “Show All Forums Regardless of Post Count”, and viewer scalability of the Post and Topic Rates.
- The default scaling factors for the Post Rate and Topic Rate columns.

## Acknowledgements

Initially written for [www.AnimeMusicVideos.org](http://www.AnimeMusicVideos.org) [<http://www.animemusicvideos.org>]'s forum, the mod is being made available for the benefit of the broader phpBB community. Thanks go to that site's administrator, Kristofer McCormic (Phade), for proposing the original mod idea, for offering his support and encouragement, and for testing the mod in a live bulletin board environment.

## Change Log

### v.0.3.2 Release (first public release)

- Documentation - .mod file now generated from BB Usage Stats mod manual.

### v.0.3.1 Release (AnimeMusicVideos.org only)

- Bug Fix - Display - Fixed careless looping error in `get_section_usage_rows()`.
- New Feature - Moved unshared functions to `bb_usage_stats.php` from `bb_usage_stats_functions.php` per phpBB coding guidelines.
- Clean Up - `bb_usage_stats_functions.php`.

### v.0.3.0 Release (AnimeMusicVideos.org only)

- Modification - Security - Do not permit display of forums which viewer is not authorized to see.
- New feature - Added Topics Watched column.
- New feature - Added Administrative configuration options for setting the default PR & TR scaling factors.
- Modification - Viewer scaling row now hidden if neither post rate or topic rate is scalable by viewer.

### v.0.2.0 Release (AnimeMusicVideos.org only)



- New feature - View Option added - Allow Post Rate to be scaled by viewer.
- New feature - View Option added - Allow Topic Rate to be scaled by viewer.
- Modification - Viewlevel modifiable via checkboxes.
- Presentation Polish - %UTUP doesn't fill in ending 0's after decimal point.
- New feature - Search Link - The name of the forum links to search results showing user's posts in the forum.
- New feature - View Option added - show all forums regardless of whether or not user has posted in the forum.
- Modification - rename "Posts/Day" to "Post Rate".
- Modification - rename "Topics/Day" to "Topic Rate".
- New feature - View Option added - Make display of Miscellaneous section optional.
- New feature - View Option added - Make display of "Total Unpruned Posts" row in Miscellaneous Section optional.
- New feature - View Option added - make %UTUP column optional for boards that reset post counts after pruning.
- Modification - Changing the viewlevel on the admin config page sets/unsets the checkboxes.

## **v.0.1.0 Release (AnimeMusicVideos.org only)**

- Initial release.

## **Potential Future Changes**

Suggestions welcome!

- Misc Info row to display PMs sent, PMs received, and rates.
- Watched column entries link to search results showing the topics user is watching.
- Section/forum images that link directly to the full view of the section/forum (as opposed to just search results).
- Allow creation of a hit list assigned to a designated user; the designee can only view the usage stats of users on their assigned hit list.

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# Chapter 2. Database Records

This mod depends on the following board configuration records:

- `bb_usage_stats_viewlevel`
- `bb_usage_stats_viewoptions`
- `bb_usage_stats_specialgrp`
- `bb_usage_stats_prscale`
- `bb_usage_stats_trscale`

These records are automatically inserted into phpBB's config table if they are not present when the user Profile page or the administrative Configuration page are first viewed after installation. The administrator may easily change these values via the interface provided on the administrative Configuration page.

The first record, `bb_usage_stats_viewlevel`, stores the types of users allowed to view the usage statistics. This setting permits granting the viewing of statistics by any combination of the following: Anonymous, Self, Users, Moderators, Administrators, and a Special Group. Upon first use, this field's default value of "16" allows only administrators to view the usage statistics.

The second record, `bb_usage_stats_viewoptions`, enables and disables various optional components such as displaying all forums regardless of the user's post count, permitting the stats viewer to change the scaling factors for the Post and Topic rate columns, and hiding the Miscellaneous section (which as of this writing is fairly limited). The default value of "1" shows all forums regardless of forum post count. For large boards with many forums, the administrator may choose to turn off this particular setting.

The third record, `bb_usage_stats_specialgrp`, stores the `group_id` of the special group permitted to view the usage statistics. The Special Group View Level, however, must be enabled. The default value of "-1" names no particular usergroup.

The fourth and fifth records, `bb_usage_stats_prscale` and `bb_usage_stats_trscale`, sets the board global scaling factors for the Post Rate and Topic Rate columns. The scaling factors, in general, will be useful to boards where users' post counts are significantly less than the duration of their membership. The default value for these two records is "1".

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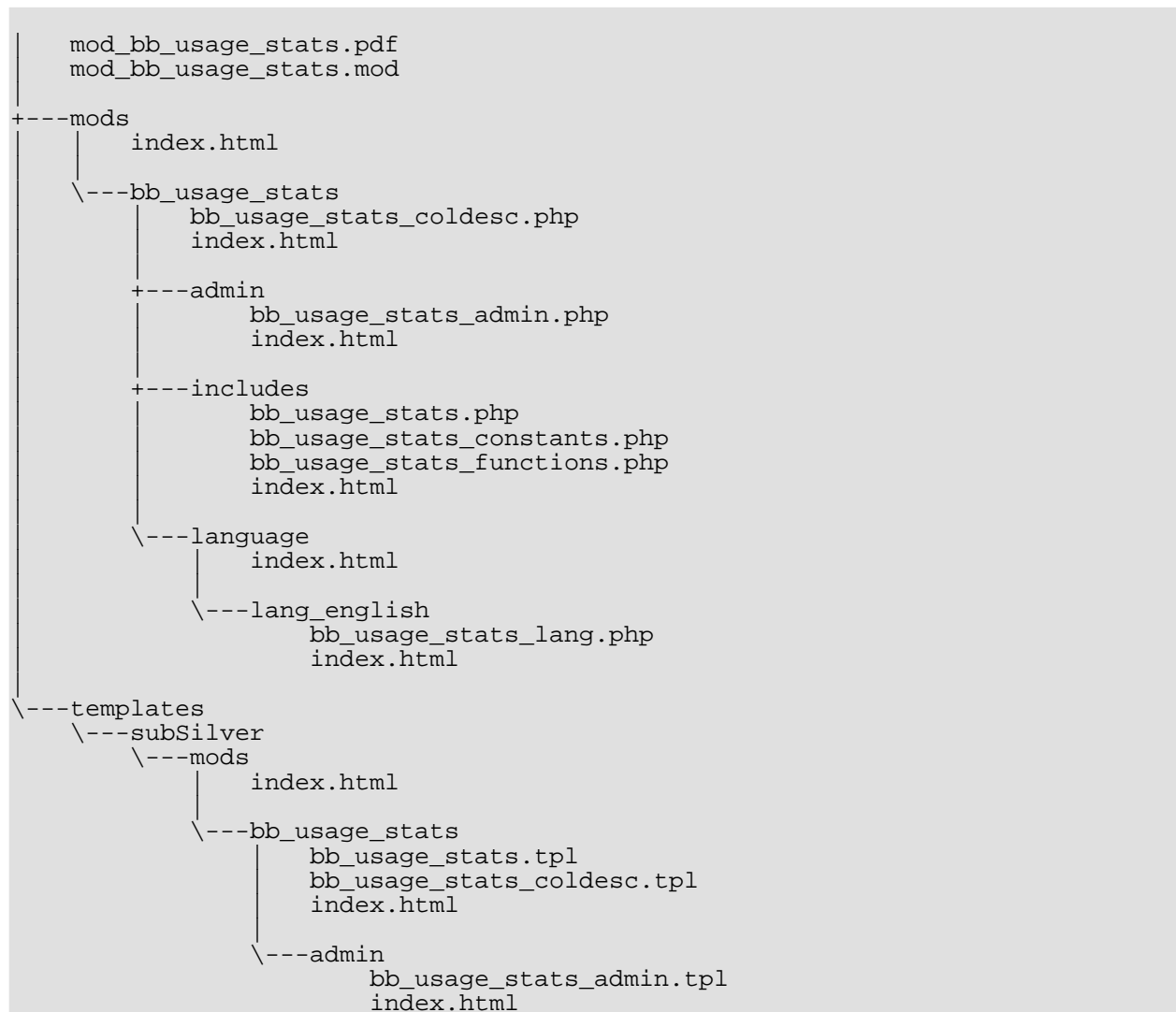
# Chapter 3. Installation

Installation Level: *Easy*

Installation Time: *15 minutes*

## Files and Folders in Distribution

The following files are included in the distribution package:



## Necessary Modifications

The following phpBB files must be modified:

- includes/usercp\_viewprofile.php
- admin/admin\_board.php
- templates/subSilver/profile\_view\_body.tpl
- templates/subSilver/admin/board\_config\_body.tpl

### Copy folders

#### **COPY**

```
mods/      =>  PHPBBROOT/  
templates/ =>  PHPBBROOT/
```

### **includes/usercp\_viewprofile.php**

#### **OPEN**

```
includes/usercp_viewprofile.php
```

#### **FIND**

```
$template->pparse('body');
```

#### **BEFORE, ADD**

```
include($phpbb_root_path . 'mods/bb_usage_stats/includes/bb_usage_stats.' . $phpEx);
```

### **admin/admin\_board.php**

#### **OPEN**

```
admin/admin_board.php
```

## FIND

```
$template->pparse('body');
```

## BEFORE, ADD

```
include($phpbb_root_path . 'mods/bb_usage_stats/admin/bb_usage_stats_admin.'. $phpEx);
```

`templates/subSilver/profile_view_body.tpl`

## OPEN

```
templates/subSilver/profile_view_body.tpl
```

## FIND

```
<table width="100%" border="0" cellspacing="0" cellpadding="0" align="center">
  <tr>
    <td align="right"><span class="nav"><br />{JUMPBOX}</span></td>
  </tr>
</table>
```

## BEFORE, ADD

```
{BB_USAGE_STATS_TEMPLATE}
```

`templates/subSilver/admin/board_config_body.tpl`

## OPEN

```
templates/subSilver/admin/board_config_body.tpl
```

## FIND

```
<tr>
  <th class="thHead" colspan="2">{L_COOKIE_SETTINGS}</th>
</tr>
```

## BEFORE, ADD

```
{BB_USAGE_STATS_ADMIN_TEMPLATE}
```

Of course, you can insert the line anywhere within this file, as long as it appears before one of the `<tr><th></th></tr>` sequences that mark the beginning of a configuration section.

## SAVE/CLOSE ALL FILES

# Test the Installation

Once you have unzipped the files and performed the modifications described above, you can test the installation by signing on as the Site Admin and viewing a user's profile. If all is well, you should see the user's stats in a separate table below the basic profile information.

### Note

At this point, the `bb_usage_stats_viewlevel` record (see Chapter 2, *Database Records*) has been created and you can confirm this by examining phpBB's config table using whatever tool you use to administer your database. The default View Level value is "16".

To change the View Level, you will need to be logged in as the Site Admin. Go to the phpBB Administration Panel, click on the Configuration option in the General Admin menu. Scrolling down the page, you should see the Board Usage Statistics Settings section which will allow you to change the View Level according to the instructions shown. In addition, you may also designate a special user group to have access to the board usage statistics.

### Tip

You are encouraged to try different View Levels and examine the effects while logged on as various types of users.

## Support and Bug Reporting

If you have problems, discover a bug, or typo in this documentation, feel free to visit the Lennertmods [<http://lennertmods.sourceforge.net>] home page at SourceForge. Your comments and suggestions are always welcome!

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## **Chapter 4. Enjoy!**



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