

NUC

Phpbb mod.

One of the problems online - how to find interesting topics and posts, if you do not know what you want. This mod can help you.

Click on chips in the nuc-box, you designate its own interests. Forum recommend people with similar interests and topics they interesting.

After approval by the moderator, topics and posts are available in mcp-> review window. To do this, add-ins include / (info /) mcp_concepts.php (remake mcp_queue.php) and the tab Review (Review). In this tab, you can select the concept (brief review 1-5 words, built-in js editor), which will be visible in the nuc-box. By clicking on the chips and links to the nuc-box designated the interests of the user. Hits on the chips are written to the table nuc_dna, clicks on links of nuc-basket recorded in nuc_topis_track. Content in the nuc-window prepares shownuc.php. Analyzes and prepares the base scheduler nuc_schedule.php, which runs separately from cron or manually. Front nuc-box provides a converted navbar_header.html with JQuery script. By pressing chips fulfills nuc.php via ajax from navbar_header.php.

DB tables:

phpbb_nuc_all_concepts (

concept_id int (11) NOT NULL AUTO_INCREMENT,

concept varchar (255) DEFAULT NULL, // text concepts

ndate int (11) DEFAULT NULL, // date

hash varchar (40) DEFAULT NULL, // hash

irnd int (11) DEFAULT NULL, // a random number

rank int (11) DEFAULT '100', // fix rating

link_id int (11) DEFAULT NULL, // Not used

forum_id int (11) DEFAULT NULL,

topic_id int (11) DEFAULT NULL,

post_id int (11) DEFAULT NULL,

owner_id int (11) DEFAULT NULL,

count int (11) DEFAULT NULL,

last_post_time int (11) DEFAULT NULL,

phpbb_nuc_concepts – fill scheduler (nuc_schedule.php) prepare concepts for each user

phpbb_nuc_dna - record clicks on nuc-chips

id int (11) NOT NULL AUTO_INCREMENT,

concept_id int (11) DEFAULT NULL,

user_id int (11) DEFAULT NULL,

nuc tinyint (4) DEFAULT '0' 1-click on the first chip, 2 - click on the second, etc.

ncounter int (11) DEFAULT NULL, quant clicks

ndate int (11) DEFAULT NULL,

phpbb_nuc_friends - who is awesome friend to each other, friend_k – awesomeness factor

user1_id int (11) DEFAULT NULL,

user2_id int (11) DEFAULT NULL,

friend_k float (8,2) DEFAULT NULL,

phpbb_nuc_info – misc data storage

id int (11) NOT NULL AUTO_INCREMENT,

name varchar (25) NOT NULL,

value varchar (25) DEFAULT NULL,

comment varchar (255) DEFAULT NULL,

phpbb_nuc_newers - new guests and users

session_id char (32) CHARACTER SET utf8 COLLATE utf8_bin DEFAULT '',

user_id int (11) DEFAULT NULL,

concept_id int (11) DEFAULT NULL,

nuc tinyint (4) DEFAULT '0'

session_time int (11) DEFAULT NULL,

phpbb_nuc_recom_topics - topics recommendations (scheduler)

user_id int (11) DEFAULT NULL,

ind tinyint (4) DEFAULT NULL,

forum_id int (11) DEFAULT NULL,

topic_id int (11) DEFAULT NULL

phpbb_nuc_topics_track – topic clicks track.

user_id mediumint (8) unsigned NOT NULL DEFAULT '0'

topic_id mediumint (8) unsigned NOT NULL DEFAULT '0'

forum_id mediumint (8) unsigned NOT NULL DEFAULT '0'

mark_time int (11) unsigned NOT NULL DEFAULT '0'

number mediumint (8) DEFAULT NULL,

Alter DB tables:

ALTER TABLE **phpbb_forums**

ADD forum_posts_reviewed mediumint (8) unsigned NOT NULL DEFAULT '0' after
forum_topics_softdeleted,

ADD forum_posts_unreviewed mediumint (8) unsigned NOT NULL DEFAULT '0' after
forum_posts_reviewed,

ADD forum_topics_reviewed mediumint (8) unsigned NOT NULL DEFAULT '0' after
forum_posts_unreviewed,

ADD forum_topics_unreviewed mediumint (8) unsigned NOT NULL DEFAULT '0' after
forum_topics_reviewed;

ALTER TABLE **phpbb_posts**

ADD `post_reviewed` tinyint (1) unsigned NOT NULL DEFAULT '0' after post_delete_user;

ALTER TABLE **phpbb_topics**

ADD topic_posts_reviewed mediumint (8) unsigned NOT NULL DEFAULT '0' after
topic_posts_softdeleted,

ADD topic_posts_unreviewed mediumint (8) unsigned NOT NULL DEFAULT '0' after
topic_posts_reviewed;

Views:

CREATE VIEW **posts_view** AS

select phpbb_posts.poster_id AS poster_id, phpbb_posts.topic_id AS topic_id, count (0) AS number,
max (phpbb_posts.post_time) AS post_time from phpbb_posts group by phpbb_posts.poster_id,
phpbb_posts.topic_id;

CREATE VIEW **forum_interests_view** AS

```
select t.user_id AS user_id, t.topic_id AS topic_id, t.number AS a, p.number AS b, ((0.8 * t.number) +  
ifnull (p.number, 0)) AS interes_k, t.mark_time AS mark_time from (phpbb_nuc_topics_track t join  
posts_view p on (((p.poster_id = t.user_id) and (p.topic_id = t.topic_id)))) group by t.user_id, t.topic_id;
```

CREATE VIEW **friends_view** AS - shows the user-friendliness to each other on the basis of clicks in the nuc-box, without taking into account limitations. Friendliness factor = $nuc1 + nuc2 + 0.8 * nuc3 + 0.4 * nuc4$.

```
select dna1.user_id AS user1_id, dna2.user_id AS user2_id, sum (((((case dna2.nuc when 0 then 1.0 when  
1 then 1.0 when 2 then 0.8 when 3 then 0.4 when 4 then 0.1 end) * dna2.ncounter) * dna1.ncounter))  
AS friend_k from (phpbb_nuc_dna dna1 join phpbb_nuc_dna dna2 on (((dna1.concept_id =  
dna2.concept_id) and (dna1.nuc = dna2.nuc)))) where (dna1.user_id <> dna2.user_id) group by  
dna1.user_id, dna2.user_id order by sum (((((case dna2.nuc when 0 then 1.0 when 1 then 1.0 when 2  
then 0.8 when 3 then 0.4 when 4 then 0.1 end) * dna2.ncounter) * dna1.ncounter));
```

CREATE VIEW **recom_topics_view** AS - recommended topics popular with friends

```
select friends_view.user1_id AS user_id, forum_interests_view.topic_id AS topic_id from (friends_view  
join forum_interests_view on ((friends_view.user2_id = forum_interests_view.user_id))) group by  
friends_view.user1_id, forum_interests_view.topic_id order by friends_view.friend_k desc,  
forum_interests_view.interes_k desc ;
```

To be continued...