
top ten songs

Posted by rastemserie - 2015/12/19 09:07

Hi

I want to make a top ten songs with two tables but i dont know how to do it.

I have a album table , songs table and a ratings table,the common field is song_id for songs and ratings and album_id for songs and albums

I want to show, bandname and albumname (from albums)songname (from songs), and the averageof all ratings (from ratings), for example 4 ratings: $9+4+6+7/4=6.5$

Ordering by ratings average.

Can you help me, thanks

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Re:top ten songs

Posted by admin - 2015/12/20 08:39

Hello,

SQL query will look something like this:

```
SELECT
  S.title AS song_name,
  A.title AS album_name,
  AVG(R.rating) AS rating
FROM
  songs S INNER JOIN ratings R
    ON S.song_id = R.song_id
  INNER JOIN albums A
    ON S.album_id = A.album_id
GROUP BY
  S.song_id
```

Regards,
ARI Soft

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Re:top ten songs

Posted by rastemserie - 2015/12/20 10:42

thanks for your answer but i think it's more difficult than i thought.

i've looking the tables and the relations and fields are like this.

I don't know if it's clear enough, but i want to make two ratings lists one with songs and another with albums

I attach an excel file

Thank you again for your pacience

artists Albums songs ratings

Id	artist_name	Id	name	artist_id	Id	album_id	name	Id	Album_id	points	type
1	kraftwerk	1	Computer world	1	450	1	pocket calculator	1	450	5	song
2	U2	2	man machine	1	450	1	pocket calculator	2	450	8	song
3	Madonna	3	like a virgin	3	120	3	noname	3	3	9	album

relations

artists	albums	albums	songs	songs	ratings	type=song
id	artist_id	Id	album_id	id	album_id	

albums	ratings	type=album
id	album_id	

result for song rating

artist album song average
kraftwerk computer world pocket calculator 6,5

result for albums rating

artist album average
madonna like a virgin 9 <http://www.ari-soft.com/images/fbfiles/files/ratings.zip>

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Re:top ten songs

Posted by admin - 2015/12/21 07:20

Send SQL dump of your tables by email.

Regards,
ARI Soft

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Re:top ten songs

Posted by rastemserie - 2015/12/22 07:59

i dont know how to do that
i can export the table structure to word, for ex.

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Re:top ten songs

Posted by admin - 2015/12/22 08:28

This video tutorial shows how to create an SQL dump with help of PHPMyAdmin tool which is usually available in hosting control panel (like cPanel).

Regards,
ARI Soft

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Re:top ten songs

Posted by rastemserie - 2015/12/23 08:13

Hi
I send you the 4 tables involved in the rankings lists i want do
i want to make an albums kanking and a songs kanking.
thank you so much for your patience.

if it's possible i want to make an exclusive kanking for a specific artist http://www.ari-soft.com/images/fbfiles/files/jos_muscol_tables.zip

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Re:top ten songs

Posted by admin - 2015/12/23 12:06

Could you provide a sample output how table should look (for example for 2-3 artists, songs)?

Regards,
ARI Soft

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Re:top ten songs

Posted by rastemserie - 2015/12/23 13:05

top 10 kraftwerk albums

Artist->record->average

Kraftwerk -> Computer world -> 5.8

Kraftwerk -> Autobhan -> 4.6

Top 10 kraftwerk songs

Album -> song -> average

Computer world -> homecomputer -> 5

Autobhan -> atoban -> 3.5

Top 10 non kraftwerk songs

Is that what you mean, i hope so
thanks

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Re:top ten songs

Posted by admin - 2015/12/23 14:09

Use the following query to show top 10 albums of 'Kraftwerk' artist:

```
SELECT
  A.artist_name AS Artist,
  AL.name AS Album,
  AVG(R.points) AS Average
FROM
  jos_muscol_artists A INNER JOIN jos_muscol_albums AL
    ON AL.artist_id = A.id
  INNER JOIN jos_muscol_ratings R
    ON R.album_id = AL.id
WHERE
  A.artist_name = 'Kraftwerk'
AND
  R.type = 'album'
GROUP BY
  AL.id
ORDER BY
  AVG(R.points) DESC
LIMIT 0,10
```

The following query to show top 10 songs of 'Kraftwerk' group:

```
SELECT
  A.artist_name AS Artist,
  AL.name AS Album,
  S.name AS Song,
  AVG(R.points) AS Average
FROM
  jos_muscol_artists A INNER JOIN jos_muscol_albums AL
    ON AL.artist_id = A.id
  INNER JOIN jos_muscol_songs S
    ON S.album_id = AL.id
```

```
INNER JOIN jos_muscol_ratings R
ON R.album_id = S.id
WHERE
A.artist_name = 'Kraftwerk'
AND
R.type = 'song'
GROUP BY
S.id
ORDER BY
AVG(R.points) DESC
LIMIT 0,10
```

Regards,
ARI Soft

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Re:top ten songs

Posted by rastemserie - 2015/12/24 11:29

Hi
i'm very ashamed, but when i write the code in the sql query and press the save button it disappears.
I've tried several times. Why does it happens.

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Re:top ten songs

Posted by admin - 2015/12/24 11:37

Check that you use the latest version of the extension (1.15.6) and "System - ARI Extensions" plugin is enabled.

Regards,
ARI Soft

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Re:top ten songs

Posted by rastemserie - 2015/12/25 11:44

Thank you very very very much.
Excellent product support.
Everything is working as i wanted.
You can see it at <http://www.allkraftwerk.com/index.php/ktop10>
Thanks again

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Re:top ten songs

Posted by rastemserie - 2016/01/06 10:52

Hi.
Im very happy with my lists but i would like to insert a column with an automatic counter 1 to 10.
How do i do that?
Thanks again

http://www.allkraftwerk.com/index.php/ktop10?template=isystems&is_preview=on

=====

Re:top ten songs

Posted by admin - 2016/01/06 11:29

Hello,

You can use solution which is described here.

Regards,
ARI Soft

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