JOIN TABLE wrong entries amount
Posted by codolt - 2015/06/29 09:16
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I have 3 tables which I need to join.

Table animal is the main table. It contains:
LONG_ID | NAME | BREED_ID | BIRTH_DATE | FATHER_ID | KK

Table fathers is table which contains data about father. It is related to table animal by FATHER_ID. It looks like that:
FATHER_ID | LONG_ID | FATHER_NAME

Table breed is table which contains data about breed. It is related to table animal by BREED_ID. It looks like that:
BREED_ID | BREED_NAME | BREED_CODE

What I need is to display table which would look like that:
LONG ID(animal table) | NAME(animal table) | BREED NAME(breed table where BREED_ID = BREED_ID(from animal table)) | FATHER ID (animal table) | FATHER NAME (father table where FATHER_ID = FATHER_ID(from animal table)

For that I am using this sql query:
SELECT a.LONG_ID, a.NAME, b.BREED_NAME, a.FATHER_ID, f.FATHER_NAME
FROM animal a
LEFT JOIN breed b ON b.BREED_ID = a.BREED_ID
LEFT JOIN fathers f ON f.FATHER_ID = a.FATHER_ID;

And my table shows 3,064 entries but there are only 1,773 entries in animal table. Many double entries appears in data table. Why? Is my sql query wrong?

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Re:JOIN TABLE wrong entries amount
Posted by codolt - 2015/06/29 09:25
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All I needed was to add

GROUP BY
    a.LONG_ID

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Re:JOIN TABLE wrong entries amount
Posted by admin - 2015/06/29 09:25
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Hello,

It seems duplicate records are located in "fathers" or/and in "breed" table(s). We can check it if you send an SQL dump of your tables or provide a temporary access to your J! backend by email so we can investigate the problem in more details.

As a temporary solution you can try the following query:

SELECT
  a.LONG_ID,
  a.NAME,
  b.BREED_NAME,
  a.FATHER_ID,
  f.FATHER_NAME
FROM
  animal a LEFT JOIN breed b
    ON b.BREED_ID = a.BREED_ID
  LEFT JOIN fathers f
    ON f.FATHER_ID = a.FATHER_ID

GROUP BY
 a.LONG_ID

Regards,
ARI Soft

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