

Re: mySQL Problem

Source: <http://coding.derkeiler.com/Archive/PHP/comp.lang.php/2007-11/msg00539.html>

- *From:* "Steve" <no.one@xxxxxxxxxxx>
 - *Date:* Thu, 8 Nov 2007 08:17:17 -0600
-

"Jerry Stuckle" <jstucklex@xxxxxxxxxxx> wrote in message
news:192dnW2kIL6akq7anZ2dnUVZ_sjinZ2d@xxxxxxxxxxx

Steve wrote:

"The Natural Philosopher" <a@xxx> wrote in message
<news:1194484441.81272.6@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

Darko wrote:

On Nov 7, 10:37 pm, "Steve"
<no....@xxxxxxxxxxx> wrote:

"Darko"
<darko.maksimo...@xxxxxxxx>
wrote in message

<news:1194463439.305946.20240@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>

On Nov 7,
6:19 pm,
"Steve"
<no....@xxxxxxxxxxx>
wrote:

well
!!!
lo-and-behold!!!
when
you
get
your
error
message
back

Re: mySQL Problem

THIS
time,
you
actually
get
a
line
number
OTHER
THAN
1
!!!
now
THAT
would
be
helpful!
imagine
too,
that
you
echo
this
out
to
the
browser,
copy
it,
and
paste
it
directly
into
your
mysql
query
browser...then
execute
it.
even
before
then,
you
might
have
discovered
(since
you
can
now

Re: mySQL Problem

Re: mySQL Problem

READ
IT)
that
there
is
something
wrong
in
the
data
you're
inserting.

Having
yelled that
out, haven't
you ever
noticed that
mysql (and
so
do
other
sql servers)
specify
precisely
where the
problem is
– this time
it
said:

near
'from,
size,
format,
cat,
host
...

you obviously haven't
written very long or
complex queries. 'near' and
ON
LINE x are *worlds* apart,
now aren't they.

... so it was
quite clear
that it had
had

Re: mySQL Problem

problem
with
"from".

apparently not quite as clear
to the op. :)

Considering
php and
queries
code
readability
you are, of
course,
right, since
a
programmer
will much
more
easily read
the code
formatted in
the way you
have, but
considering
error
information,

you should ammend
that...'considering the error
information [IN THIS
CASE]!.

either way, it should be
formatted as a rule...unless
you're saying
you can
predict your errors, in which
case you wouldn't make
mistakes anyway.

sql servers
are pretty
precise
about where
the problem
occurred,
code
being

Re: mySQL Problem

indented
or not.

really? which ones? what is
'pretty' precise?

the indenting is
multipurpose. it is my
experience that the top 4 sql
servers (ms sql, oracle,
mysql, teradata) are
generally *obtuse* in
their
error messages...but they all
give line numbers!

don't
let
me
throw
you
on
that
one...bad
data
is
NOT
the
problem
here.
there
are
things
called
RESERVED
WORDS.
one
of
those
would
be
the
word
'FROM'...as
in
"select
*
FROM".
if
you

Re: mySQL Problem

had
correctly
formatted
your
sql
statement,
the
line
number
in
error
would
have
been
line
6...a
much
better
clue.

As for rude
yelling
about
making
mistakes
with
reserved
words, that
is
something
that
happens
to many
people,
even
experienced,
from time
to time, so
no need to
get
upset about
it.

rude? lol.

you even infer rudeness
about the mistake itself. no,
i capitalized
FROM so
that it stood out. if that hurt
your ears, then you won't

Re: mySQL Problem

hear me
laughing
right now. my intention
throughout the thread here
has been to make a
point
about formatting. did you
not notice that even though i
told him what
the
problem was, i did not tell
him how to fix it?
hmmmm...must not have
been
the goal of my post. seems
you've missed that point.

I once
named two
variables in
C like "od"
and "do",
and couldn't
find out
what was
wrong with
it until
I realised it
was the
"do"
keyword.

christ almighty! i suppose
you proliferate the use of
variables like
\$tmp
too. what a goof! 'do'? for
the love of god, almost
every language
has a
do loop construct. so,
when you said, 'even
experienced' above, you
were
not associating yourself
among those. :)

Finally, it is
not

Re: mySQL Problem

"reserved"
word in any
sql, as you
can indeed
name
any field
"from", as
long
as you make
the parser
know it. For
an example,
this is
totally
legal:
select name,
ing, descr,
"from",
size, format
from table;

why yes. now why would i
NOT explain that to the op?
must not have
been the
purpose of my post. what's
more, i'd be encouraging
BAD behavior. if
you
think that's just my ho, why
don't you prepose that
question in a db
forum...bring your asbestos
umbrella, cuz it'll rain fire
from the
first
response to the last. dba's
are kinda picky that way.

just as long
as you keep
the double
quotes
around key
words.

ahhhh...you assume too
much. oracle will fart on
your double quotes.
it

Re: mySQL Problem

likes either single tics or
single back tics (^). again,
you just
killed a
great chance for scalability.
you should be able to take
your code
base and
plop it down in front of any
db and nothing breaks.
you've forced
yourself
to reprogram when
switching from one db to
another...which is the
shits when
you're prototyping on your
local pc using mysql and
pushing code to
production where teradata is
the db being used.

wanna keep going, darko?

Yes, please.

It wasn't my intention to encourage
Einstein30000 to use such field
names as "from" or "select",
the idea was only that such errors happen
even to experienced
programmers, not indicating whether
I consider myself one or not – it's pretty
relative thing, as you
know.

As for "od" and "do", you should first know
that I am a Serb, and that
in Serbian language "od" means "from",
and "do" means "to", so "od 1 do 10" means
"from 1 to 10". Thus, once
in a simple C program I needed such "from"
and
"to" helper variables, and I named them "od"
and "do". It would have
been much easier to avoid if I was writing in
English, which I usually do when making
non-test programs, since then
it would be easier to "hear" it as the English
do. But, being switched to Serbian in my
mind, I didn't see any danger

Re: mySQL Problem

coming of it, and the
compiler was pretty vague about the error, as
you know it can be, and
I hardly recognized it. This is,
if you'd really like to know.

As for yelling, your uppercasing "FROM"
explanation doesn't mention
the "your sql statement is F.U.C.K.E.D",
"well !!! lo-and-behold!!!",
"a line number OTHER THAN 1 !!! now
THAT would be helpful! ", "since
you can now READ IT", "bad data is NOT
the problem here. there are
things called RESERVED WORDS. "
statements, which I normally
considered yelling. It's just not polite to
address people like that,
especially ones that came for advice and
help.

Regards,
Darko

I'm with darko here. It took me about 5 seconds flat to realise
what was
wrong.

No need to blow it across 15 lines.

Unless you are the sort person who can't count beyond ten
without taking
their socks off.

Mysql barfs where its parser gets confused..that was at the
word 'from'
Simple.

right. and no one is arguing the simple nature of identifying the problem
here. however, it becomes very difficult, not only to read, but to
maintain and debug sql statements that are not well formatted...which
helps more quickly identify the root cause when it is less than obvious.

i'm not for or against anyone. i'm for a systemic approach that covers
all the bases and is a best practice. that's all. it has little to do
with the actual problem faced here with reserved words.

Re: mySQL Problem

Sorry, Steve – I don't agree with your method of "properly formatting" the SQL. It takes way too much space on the page. It is not "correct" by virtually any programmer I know.

too much space? is there a premium on space in your editor, jerry? would you like me to post a query i have for running financial statistics here? i would be more than willing to un-format it so just a single line in order to save 'virtual' space on the 'virtual' page if you'd like. :)

as far as being 'correct by virtually any programmer i [you] know'...that may be as 'virtual' as the space such a query takes up. as for what is reported, documented, and written about code formatting – inclusive of sql – i think you're outnumbered.

for the same reasons you should format sql, you format any other language you write in. i'm sure you've written lots of scripts that are over several hundred lines. why would you approach writing sql any differently than other language? just curious jerry. if you have no other explanation than what you've stated, you've hardly made a case...except a 'special case' which is therefore, a logical fallacy.

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