
Subject: Count error

Posted by [TeCNoYoTTa](#) on Thu, 21 Aug 2008 17:37:19 GMT

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hello

what is the proplem with this statment

```
SQL*Select(ITEM_ID,ITEM_TITLE,ITEM_AUTHOR
    ,Count(Select(SqlAll()).From(FILE_S).Where(FILE_ITEM_ID == ITEM_ID &&
IS_DOWNLOADED == true))
    ,Count(Select(SqlAll()).From(FILE_S).Where(FILE_ITEM_ID == ITEM_ID)));
```

Subject: Re: Count error

Posted by [captainc](#) on Thu, 21 Aug 2008 17:49:14 GMT

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If you use an Aggregate Function like Count(), you have to specify an Aggregate grouping using something like GroupBy()

```
SQL*Select(ITEM_ID,ITEM_TITLE,ITEM_AUTHOR,Count(Select(SqlAll()).From(FILE_S).Where(FI
LE_ITEM_ID == ITEM_ID && IS_DOWNLOADED == true)),
Count(Select(SqlAll()).From(FILE_S).Where(FILE_ITEM_ID ==
ITEM_ID))).GroupBy(ITEM_ID,ITEM_TITLE,ITEM_AUTHOR);
This is an SQL requirement, not U++...
```

Subject: Re: Count error

Posted by [TeCNoYoTTa](#) on Fri, 22 Aug 2008 12:14:26 GMT

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thanks but i wrote this

```
SQL*Select(ITEM_ID,ITEM_TITLE,ITEM_AUTHOR
    ,Count(Select(SqlAll()).From(FILE_S).Where(FILE_ITEM_ID == ITEM_ID &&
IS_DOWNLOADED == true))
    ,Count(Select(SqlAll()).From(FILE_S).Where(FILE_ITEM_ID ==
ITEM_ID))).GroupBy(ITEM_ID,ITEM_TITLE,ITEM_AUTHOR);
```

and these errors happened

```
D:\Program Files\MyApps\CISL\main.cpp:240: error: invalid initialization of reference of type 'const Upp::SqlVal&' from expression of type
```

'Upp::SqlSelect'

D:\Program Files\upp\uppsrc/Sql/Sqlexp.h:216: error: in passing argument 1 of 'Upp::SqlVal
Upp::Count(const Upp::SqlVal&)'

D:\Program Files\MyApps\CISL\main.cpp:241: error: invalid initialization of reference of type 'const
Upp::SqlVal&' from expression of type

'Upp::SqlSelect'

D:\Program Files\upp\uppsrc/Sql/Sqlexp.h:216: error: in passing argument 1 of 'Upp::SqlVal
Upp::Count(const Upp::SqlVal&)'

Subject: Re: Count error

Posted by [captainc](#) on Fri, 22 Aug 2008 13:29:12 GMT

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Your going to have to break that statement up and figure out where the error is happening. I can't simply tell from that information, but I have a feeling it is because you are using the SQL object and haven't assigned a database or something like that.

Subject: Re: Count error

Posted by [mirek](#) on Sun, 24 Aug 2008 18:25:32 GMT

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Ops, seems that this variant is not supported.

Have you tried

```
SQL *Select(ITEM_ID,ITEM_TITLE,ITEM_AUTHOR, Select(Count(SqlAll()))
```

?

(it should be the same thing...)

Anyway, this seems to be a bug. Parameter of Count should rather be SqlSet...

Mirek

Subject: Re: Count error

Posted by [mirek](#) on Sun, 24 Aug 2008 18:35:52 GMT

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Ok, hopefully fixed. Will be on svn within hour.

(Fix: add this function:

```
SqlVal Count(const SqlSet& exp)
{
    return SqlFunc("count", exp);
}

)
```

Mirek
