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(FILES).Where(FILE_ITEM_ID == ITEM_ID &&
IS_DOWNLOADED == true))
     ,Count(Select(SqlAll()).From(FILES).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(FILES).Where(FI
LE_ITEM_ID == ITEM_ID && IS_DOWNLOADED == true)),
Count(Select(SqlAll()).From(FILES).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(FILES).Where(FILE_ITEM_ID == ITEM_ID &&
IS_DOWNLOADED == true))
     ,Count(Select(SqlAll()).From(FILES).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
