
Subject: Convert String to Sqlld

Posted by [michael](#) on Tue, 23 Dec 2008 15:22:21 GMT

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I'm using the following code to query my database:

```
Sqlld count("COUNT(*)");
sql * Select(count).From(sqlTable).Where(PRODUKT=="prohibis");
```

sqlTable is a String. How do i use these String as a Sqlld? I get the following errors when compiling:

```
G:\Entwicklung\UPP\prohibisZA\prohibisZA.cpp(1048) : error C2679: binary '=' : no operator found
which takes a right-hand operand of type
```

```
'Upp::SqlVal' (or there is no acceptable conversion)
  C:\upp\uppsrc\Core/String.h(297): could be 'Upp::String &Upp::String::operator =(const char
*)'
```

```
  C:\upp\uppsrc\Core/String.h(298): or    'Upp::String &Upp::String::operator =(const
Upp::String &)'
```

```
  C:\upp\uppsrc\Core/String.h(299): or    'Upp::String &Upp::String::operator
=(Upp::StringBuffer &)'
```

```
  while trying to match the argument list '(Upp::String, Upp::SqlVal)'
```

```
G:\Entwicklung\UPP\prohibisZA\prohibisZA.cpp(1052) : error C2668: 'Upp::SqlSelect::From' :
ambiguous call to overloaded function
```

```
  c:\upp\uppsrc\sql\Sqlexp.h(454): could be 'Upp::SqlSelect &Upp::SqlSelect::From(const
Upp::SqlVal &)'
```

```
  c:\upp\uppsrc\sql\Sqlexp.h(451): or    'Upp::SqlSelect &Upp::SqlSelect::From(Upp::Sqlld)'
```

```
  while trying to match the argument list '(Upp::String)'
```

```
G:\Entwicklung\UPP\prohibisZA\prohibisZA.cpp(1052) : error C2228: left of '.Where' must have
class/struct/union
```

```
prohibisZA: 1 file(s) built in (0:02.01), 2016 msec / file, duration = 2047 msec, parallelization 0%
```

I get no errors when i replace the String sqlTable with the Sqlld KUNDEN which i defined in the schema-file:

```
sql * Select(count).From(KUNDEN).Where(PRODUKT=="prohibis");
```

How can i convert my String sqlTable into a Sqlld?

Subject: Re: Convert String to Sqlld

Posted by [zsoft](#) on Tue, 23 Dec 2008 17:39:03 GMT

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why don't you use `SqlCountRows()`?
`sql * Select(SqlCountRows()).From(sqlTable).Where(PRODUKT=="prohibis");`

Subject: Re: Convert String to Sqlld
Posted by [michael](#) on Tue, 23 Dec 2008 18:12:12 GMT
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ok, that's a replacement for my count-method, but the main-problem is how to use a String (sqlTable) as Sqlld:

```
Sql sql(session);
Sqlld all("");
sql * Select(SqlCountRows()).From(sqlTable).Where(PRODUKT=="prohibis");
```

```
H:\Entwicklung\UPP\prohibisZA\prohibisZA.cpp(1049) : error C2668: 'Upp::SqlSelect::From' :
ambiguous call to overloaded function
    c:\upp\uppsrc\sql\SqlExp.h(454): could be 'Upp::SqlSelect &Upp::SqlSelect::From(const
Upp::SqlVal &)'
    c:\upp\uppsrc\sql\SqlExp.h(451): or    'Upp::SqlSelect &Upp::SqlSelect::From(Upp::Sqlld)'
    while trying to match the argument list '(Upp::String)'
H:\Entwicklung\UPP\prohibisZA\prohibisZA.cpp(1049) : error C2228: left of '.Where' must have
class/struct/union
prohibisZA: 1 file(s) built in (0:03.63), 3635 msec / file, duration = 3697 msec, parallelization 0%
```

There were errors. (0:04.68)

Subject: Re: Convert String to Sqlld
Posted by [zsolt](#) on Tue, 23 Dec 2008 19:52:15 GMT
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```
sql * Select(SqlCountRows()).From(Sqlld(sqlTable)).Where(PRODUKT=="prohibis");
```

Subject: Re: Convert String to Sqlld
Posted by [michael](#) on Tue, 23 Dec 2008 20:18:36 GMT
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Damn, so simple? Works fine, thank you.

But there's another question: How can i put my Where-Statement into a String?

```
String sqlWhere = "PRODUKT=='prohibis'";
```

```
sql * Select(SqlCountRows()).From(SqlId(sqlTable)).Where(sqlWhere);
```

This doesn't work.

Subject: Re: Convert String to SqlId

Posted by [zsolt](#) on Tue, 23 Dec 2008 20:46:12 GMT

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```
SqlBool sqlWhere = (PRODUKT=='prohibis');
```

And you can use code like this:

```
if(something_true){  
    sqlWhere = sqlWhere && Like(SOME_FIELD, "a%");  
}
```

See Sqlexp.h for more tricks.

Subject: Re: Convert String to SqlId

Posted by [michael](#) on Tue, 23 Dec 2008 21:31:52 GMT

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Thank you zsolt, this helps me alot!
