
Subject: OrderBy Descending missing
Posted by [phirox](#) on Tue, 28 Apr 2009 17:25:51 GMT
[View Forum Message](#) <> [Reply to Message](#)

I found this previous topic about the same thing. But it says there is a descending() function, I could find no such thing. So I just added the suggested OrderByDesc() function.

In Sqlexp.h:

```
SqlSelect& OrderByDesc(const SqlSet& columnset);  
SqlSelect& OrderByDesc(SqlVal a) { return OrderByDesc(SqlSet(a)); }  
SqlSelect& OrderByDesc(SqlVal a, SqlVal b) { return OrderByDesc(SqlSet(a, b)); }  
SqlSelect& OrderByDesc(SqlVal a, SqlVal b, SqlVal c) { return OrderByDesc(SqlSet(a, b, c)); }
```

And in SqlStatement.cpp

```
SqlSelect& SqlSelect::OrderByDesc(const SqlSet& set) {  
    if(!set.IsEmpty())  
        text << " order by " << ~set << " desc";  
    return *this;  
}
```

Subject: Re: OrderBy Descending missing [with fix]
Posted by [mirek](#) on Tue, 28 Apr 2009 17:35:08 GMT
[View Forum Message](#) <> [Reply to Message](#)

phirox wrote on Tue, 28 April 2009 13:25 I found this previous topic about the same thing. But it says there is a descending() function, I could find no such thing. So I just added the suggested OrderByDesc() function.

In Sqlexp.h:

```
SqlSelect& OrderByDesc(const SqlSet& columnset);  
SqlSelect& OrderByDesc(SqlVal a) { return OrderByDesc(SqlSet(a)); }  
SqlSelect& OrderByDesc(SqlVal a, SqlVal b) { return OrderByDesc(SqlSet(a, b)); }  
SqlSelect& OrderByDesc(SqlVal a, SqlVal b, SqlVal c) { return OrderByDesc(SqlSet(a, b, c)); }
```

And in SqlStatement.cpp

```
SqlSelect& SqlSelect::OrderByDesc(const SqlSet& set) {  
    if(!set.IsEmpty())  
        text << " order by " << ~set << " desc";  
    return *this;  
}
```

}

Well, this is taken from the code I am working on now:

```
sql * Select(ROK, CISLO).From(STIZNOST).OrderBy(Descending(ROK), CISLO);
```

As argument of OrderBy is set, function is must...

Mirek

Subject: Re: OrderBy Descending missing [with fix]
Posted by [unodgs](#) on Tue, 28 Apr 2009 19:33:43 GMT
[View Forum Message](#) <> [Reply to Message](#)

Actually, I prefer OrderByDesc and SelectDistinct. The main reason is you can't write

```
Select(Distinct(ID, NAME, AGE))
```

instead one must write

```
Select(Distinct(SqlSet(ID, NAME, AGE)))
```

And what I like

```
SelectDistinct(ID, NAME, AGE) //or  
SelectUnique(ID, NAME, AGE)
```

Same story with Descending.

We could provide `__Expand(SelectDistinct)`. Same should be done with OrderBy (OrderByDesc) and GroupBy. Now only three args can be passed.

Subject: Re: OrderBy Descending missing [with fix]
Posted by [unodgs](#) on Tue, 28 Apr 2009 19:36:18 GMT
[View Forum Message](#) <> [Reply to Message](#)

Ok, I changed my mind regarding OrderByDesc. I forgot one can mix ascending with descending..
