## Subject: OrderBy Descending missing Posted by phirox on Tue, 28 Apr 2009 17:25:51 GMT

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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

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phirox wrote on Tue, 28 April 2009 13:25I 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:
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SqlSelect& OrderByDesc(const SqlSet& columnset);
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And in SqlStatement.cpp

SqlSelect& SqlSelect::OrderByDesc(const SqlSet& set) {
if(!set.lsEmpty())
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

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

Select(Disctinct(ID, NAME, AGE))

instead one must write

Select(Disctinct(SqlSet(ID, NAME, AGE)))

And what I like

SelectDisctinct(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

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