
Subject: SqlExp deeply refactored
Posted by [mirek](#) on Sun, 10 Sep 2006 23:05:04 GMT
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This is done mainly to start supporting SQL dialects based on session type - SQL statements are now "compiled" for specific target SQL engine (but fine tuning all commands for specific database engines will take some time).

In the process, I refined the structure of SqlExp types to avoid single "SqlSet" to serve too much purposes. So now we have

SqlSet - now just set of values (or Select result), no more represent SQL statement

SqlStatement
SqlSelect
SqlInsert
SqlDelete
SqlUpdate

Most of code using SqlExp works without trouble after this huge change, but some extreme usages (usually very old) needed to be fixed in our apps.

Mirek

Subject: Re: SqlExp deeply refactored
Posted by [unodgs](#) on Mon, 11 Sep 2006 07:49:45 GMT
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luzr wrote on Sun, 10 September 2006 19:05 This is done mainly to start supporting SQL dialects based on session type - SQL statements are now "compiled" for specific target SQL engine (but fine tuning all commands for specific database engines will take some time).

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Mirek

Great!. But what about Left/Right Join? I noticed they use Oracle syntax (join type is specified in where clause). Unfortunately that syntax is not common in others databases..

Subject: Re: SqlExp deeply refactored
Posted by [mirek](#) on Mon, 11 Sep 2006 08:06:39 GMT
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Quote:

Great!. But what about Left/Right Join? I noticed they use Oracle syntax (join type is specified in where clause). Unfortunately that syntax is not common in others databases..

Quote:

(but fine tuning all commands for specific database engines will take some time)

Actually, joins where the main reason to separate SqlSelect from SqlSet... actual implementation of left/right joins will be the next step.

Mirek

Subject: Re: SqlExp deeply refactored
Posted by [unodgs](#) on Mon, 11 Sep 2006 08:57:16 GMT
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luzr wrote on Mon, 11 September 2006 04:06

Quote:

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Actually, joins where the main reason to separate SqlSelect from SqlSet... actual implementation of left/right joins will be the next step.

Yep, I didn't read carefully..

Anyway, sql-92 is implemented in most popular databases, so one change (syntax: left/right outer join) is needed to have them all supported.

Subject: Re: SqlExp deeply refactored

Posted by [mirek](#) on Mon, 11 Sep 2006 09:12:48 GMT

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unodgs wrote on Mon, 11 September 2006 04:57luzr wrote on Mon, 11 September 2006 04:06

Quote:

(but fine tuning all commands for specific database engines will take some time)

Actually, joins where the main reason to separate SqlSelect from SqlSet... actual implementation of left/right joins will be the next step.

Yep, I didn't read carefully..

Anyway, sql-92 is implemented in most popular databases, so one change (syntax: left/right outer join) is needed to have them all supported.

Yes, but I will need to refactor SqlSelect quite a lot, breaking it the same way as SqlUpdate or SqlInsert are now done. That will need some time (I am quite happy at the moment to have all SqlExp bugs hopefully sorted out so that my commercial apps work once again...).

Mirek
