Database - Feature #2319

support for dialect-specific keywords in NameConverter

06/10/2014 11:12 AM - Ovidiu Maxiniuc

Status:	New	**Start date:**	
Priority:	Normal	**Due date:**	
Assignee:		**% Done:**	0%
Category:		**Estimated time:**	0.00 hour
Target version:			
billable:	No	**version:**	
vendor_id:	GCD		

Description

History

#1 - 06/10/2014 11:41 AM - Ovidiu Maxiniuc

Because each SQL dialect has its own set of reserved keywords the NameConverter must be aware and convert the names of the tables and fields so they won't collide with the keywords of any of the configured dialects for processed schema. The converted names of tables and columns are common to all dialects (Hibernates use same .hbm file regardless of the chosen dialect) so the generated ddl files will use the names elected at conversion time.

The NameConverter should specify only common ANSI standard SQL keywords.
For each schema configured in p2j.cfg.xml, except for standard/_meta, the NameConverter should be reconfigured with the list of unallowable names that are extracted form each configured dialect (see the ddl-dialects parameter of namespace in the conversion configuration file). The P2JDialect should declare some kind of public Set<String> getReservedKeywords() that the NameConverter will use to obtain the list of reserved keywords for the implementing dialect.
The special metadata (standard/_meta) and temp-table (_temp) schemas that are using H2 dialect must be handled independently.

#2 - 03/29/2016 07:34 PM - Eric Faulhaber

Ovidiu, AFAIK, you implemented this, right? Is there any reason to keep this task open?

#3 - 03/30/2016 05:20 AM - Ovidiu Maxiniuc

I think not. At this moment we have no field/keywords collisions and stable schemas for all supported dialects.