Issues

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
8621	Database	Bug	New	Normal	better resolution of ambiguous constructors/methods in RuntimeJastInterpreter		04/11/2024 03:56 PM
8388	Database	Feature	New	Normal	alternative implementation of same-session dirty sharing		03/12/2024 06:47 AM
6628	Database	Feature	WIP	Normal	port PostgreSQL native user defined functions to MariaDB	Dănuţ Filimon	02/20/2024 07:57 AM
7496	Database	Bug	WIP	Normal	finish support for query:forward-only attribute	Dănuţ Filimon	02/12/2024 02:39 AM
4702	Database	Support	Closed	Normal	write temp-table performance test cases	Stanislav Lomany	01/23/2024 04:33 PM
4701	Database	Support	Closed	High	try to improve H2 transaction commit performance	Alexandru Lungu	01/19/2024 10:49 AM
8135	Runtime Infrastructure	Bug	New	Normal	replace ScopedDictionary for better performance	Eric Faulhaber	12/21/2023 02:42 PM
6442	Database	Feature	WIP	High	missing encoding/collation features	Ovidiu Maxiniuc	12/21/2023 12:39 PM
7567	Database	Bug	WIP	Normal	use Session.PK instead of DatabaseManager.PRIMARY_KEY wherever possible	Dănuţ Filimon	11/15/2023 08:23 AM
6895	Database	Feature	New	Normal	improve performance of BufferReference methods buffer() and definition()		11/08/2023 04:05 AM
5452	Database	Bug	Closed	Normal	eliminate use of ResultSet.CONCUR_UPDATABLE?	Ştefan Roman	08/22/2023 09:32 AM
7037	Database	Feature	Test	Normal	remove dirty share manager	Stanislav Lomany	05/31/2023 03:24 PM
6444	Database	Feature	Closed	Normal	dataset improvements	Igor Skornyakov	05/26/2023 01:39 PM
6458	Database	Bug	Closed	Normal	ensure that OO expressions resolve to query substitution parameters, like handle-based method calls do	Boris Schegolev	05/25/2023 02:03 PM
7348	Base Language	Feature	New	Normal	mutable proxy implementation		05/11/2023 01:53 PM
4071	Database	Bug	New	Normal	FWD server stops allowing new web client logins after abend		05/08/2023 02:30 PM
5306	Database	Bug	Test	Normal	AdaptiveQuery sets a found record into the buffer twice in dynamic mode	Alexandru Lungu	04/20/2023 07:13 AM
6995	Database	Feature	Closed	Normal	possibly support NO-UNDO temporary tables directly in H2	Radu Apetrii	04/07/2023 02:09 AM
6453	Database	Feature	Closed	Low	temp-table features	Eric Faulhaber	04/05/2023 03:46 PM
6455	Database	Support	Closed	Low	XML feature(s) needing testing	Igor Skornyakov	04/05/2023 01:41 PM
6582	Database	Feature	WIP	Normal	implement multi-table AdaptiveQuery	Alexandru Lungu	02/27/2023 03:56 AM
7058	Database	Support	WIP	Normal	get the FWD fork of the H2 code base under version control	Alexandru Lungu	02/16/2023 09:11 AM
6837	Database	Bug	WIP	Normal	prevent unnecessary upper/rtrim injection in queries if the data type doesn't require it		02/08/2023 04:00 AM
2137	Database	Feature	New	Normal	runtime support for FIELDS/EXCEPT record phrase options		01/20/2023 09:51 AM
6448	Database	Feature	Closed	Normal	make location of LOB files configurable for import	Igor Skornyakov	01/06/2023 03:33 AM
6454	Database	Feature	Review	Normal	database informational features	Igor Skornyakov	01/06/2023 02:28 AM
6939	Runtime Infrastructure	Feature	New	Normal	improve proxy performance by hard-coding method invocation		12/21/2022 01:19 PM
6459	Database	Feature	New	Normal	query features	Igor Skornyakov	11/25/2022 05:40 PM
6450	Database	Feature	Closed	Normal	buffer/buffer-field features	Ovidiu Maxiniuc	11/18/2022 05:51 PM
6418	Database	Feature	WIP	Normal	represent extent fields as arrays	Radu Apetrii	11/17/2022 12:02 PM
5355	Database	Feature	WIP	Normal	_Usertablestat metadata improvements	Dănuţ Filimon	11/16/2022 05:56 AM

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5307	Database	Bug	WIP	Normal	AdaptiveQuery goes into dynamic mode too aggressively	Dănuț Filimon	11/09/2022 07:36 AM
4056	Database	Feature	WIP	Normal	instrument FWD and supporting libraries to measure database performance	Eric Faulhaber	11/02/2022 02:23 PM
6457	Database	Feature	WIP	Normal	finish COPY-LOB support	Stanislav Lomany	10/17/2022 10:33 AM
6507	Database	Feature	New	Normal	cross-database joins	Ovidiu Maxiniuc	09/09/2022 12:23 AM
6584	Database	Feature	Review	Normal	implement schema hint which generates a POJO in addition to a DMO interface	Ovidiu Maxiniuc	07/19/2022 12:55 PM
4176	Database	Feature	New	Normal	make certain metadata tables aware of live runtime state	Igor Skornyakov	07/15/2022 12:18 AM
6574	Database	Feature	Closed	Normal	auto-detect native UDFs at server startup and install them if missing	Eric Faulhaber	07/15/2022 12:14 AM
6462	Database	Support	Rejected	Normal	additional testing of table parameters		05/27/2022 04:43 PM
6461	Database	Support	Rejected	Normal	testing of REPLICATION triggers		05/27/2022 04:42 PM
6449	Database	Feature	New	Normal	review SET-DB-CLIENT() function implementation		05/27/2022 10:00 AM
6441	Database	Feature	New	Normal	compatible collation for UTF-8 databases		05/27/2022 12:53 AM
1729	Conversion Tools	Feature	New	Normal	implement better default naming rules		05/13/2022 10:36 AM
3896	Database	Bug	Closed	Normal	improve performance of the _lock metadata implementation	Igor Skornyakov	05/12/2022 08:40 AM
1587	Database	Feature	Closed	Normal	implement full support for word indexes	Igor Skornyakov	04/28/2022 11:40 AM
6242	Database	Bug	New	Normal	PSQLException when creating identity sequence using PostgreSQL dialect		04/06/2022 01:56 PM
4994	Database	Bug	Closed	Normal	NPE in AdaptiveQuery when loading null data for an outer join	Ovidiu Maxiniuc	02/07/2022 02:27 PM
5440	Database	Bug	New	Normal	finish DatabaseManager refactoring for implicit/explicit connections		12/06/2021 12:31 PM
5867	Database	Bug	New	Normal	today and now initial values are not handled correctly in DmoMeta.existingFields map		12/02/2021 05:17 PM
5388	Runtime Infrastructure	Bug	Closed	High	handshake failure while testing customer app	Igor Skornyakov	11/22/2021 02:24 PM
2162	User Interface	Feature	New	Normal	add support for CURRENT-ITERATION attribute (for widget objects)	Vadim Gindin	10/29/2021 02:47 PM
4022	Database	Feature	WIP	Normal	upgrade to a newer PostgreSQL release	Stanislav Lomany	10/08/2021 01:17 PM
5685	Database	Feature	New	Normal	optimization: limit iteration of RecordBuffers in Commitable hooks by scope		09/28/2021 04:24 PM
3814	Database	Feature	Closed	Normal	more schema metadata	Igor Skornyakov	09/04/2021 03:27 AM
5491	Database	Feature	WIP	Normal	custom locale/collation implementations	Ovidiu Maxiniuc	09/01/2021 10:58 AM
4026	Runtime Infrastructure	Feature	Closed	Normal	ensure all objects transmitted over the DAP implement Externalizable	Igor Skornyakov	08/04/2021 07:46 AM
5183	Database	Support	WIP	Normal	database collation	Eric Faulhaber	07/27/2021 12:36 PM
5453	Database	Feature	New	Normal	optimize FindQuery hasOne and hasAny implementations		06/15/2021 07:12 PM
5305	Database	Bug	Closed	Normal	dynamic function detection in RuntimeJastInterpreter	Eric Faulhaber	05/04/2021 08:21 PM
4175	Database	Feature	Closed	Normal	add support for -1 (single user) option for CONNECT statement	Igor Skornyakov	04/26/2021 05:06 PM
5281	Database	Bug	New	Normal	BUFFER-COPY does not report changes in some modes		04/23/2021 03:15 PM
5219	Database	Feature	New	Normal	further word index and CONTAINS improvements		03/29/2021 02:46 PM
5220	Database	Feature	New	Normal	extend word index support to SQL Server		03/29/2021 12:10 AM
1585	Database	Feature	New	Normal	add conversion and runtime support for word indexes		03/29/2021 12:06 AM

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4173	Database	Bug	Closed	Normal	BUFFER-COPY/BUFFER-COMPARE compares table fields by name rather than data type and order	Adrian Lungu	03/10/2021 01:44 PM
3958	Database	Feature	Closed	Normal	BUFFER-COPY optimization	Adrian Lungu	03/10/2021 01:42 PM
4055	Database	Feature	WIP	Normal	optimize temp-table output parameter copying	Constantin Asofiei	03/10/2021 01:19 PM
4307	Database	Feature	Closed	Normal	DMO conversion changes	Ovidiu Maxiniuc	02/01/2021 09:22 AM
4020	Database	Feature	Rejected	Normal	reduce work Hibernate does flushing session		02/01/2021 09:21 AM
4016	Database	Feature	Closed	Normal	replace portions of Hibernate which are non-performant		02/01/2021 09:18 AM
1665	Database	Feature	Closed	Normal	automate import process		12/04/2020 02:20 PM
1664	Database	Feature	New	Normal	data import improvements		12/04/2020 02:17 PM
4995	User Interface	Bug	Closed	Low	NPE in WindowManager.isDisplayed	Eugenie Lyzenko	11/04/2020 03:41 PM
4825	Database	Bug	New	Normal	OutputTableHandleCopier dynamically defines destination temp-table	Constantin Asofiei	10/20/2020 01:21 PM
4029	User Interface	Feature	New	Normal	implement more widget rendering knowledge within the client drivers	Hynek Cihlar	10/14/2020 11:18 AM
4926	Database	Bug	Closed	Normal	"guest already exists with ? ?. (132)" error in Hotel GUI	Ovidiu Maxiniuc	10/02/2020 07:22 AM
4917	Database	Bug	New	Normal	eliminate redundant ORDER BY elements in multi-table queries	Ovidiu Maxiniuc	10/01/2020 01:16 PM
4931	Database	Bug	New	Normal	possible ProgressiveResults performance improvement		09/29/2020 12:51 PM
4613	Database	Feature	New	Normal	add missing support for database user defined functions (UDF) if they are supported in runtime		08/13/2020 10:52 AM
4797	Database	Bug	New	Normal	review Persistence.load, as called by RAQ.executeImpl	Eric Faulhaber	07/20/2020 03:00 PM
4703	Database	Bug	Hold	High	investigate whether performance of TempTableDataSourceProvider can be improved	Igor Skornyakov	07/07/2020 03:31 PM
4692	Database	Feature	New	Normal	add sanity check at server startup to compare DMO indices with database indices		06/22/2020 01:42 PM
4693	Database	Support	New	Normal	check whether our index consolidation adversely affects flushing behavior		06/22/2020 01:37 PM
4690	Database	Feature	WIP	Normal	re-integrate dirty share logic into new persistence implementation	Ovidiu Maxiniuc	06/18/2020 04:52 PM
4681	Database	Feature	WIP	Normal	prepared statement caching/pooling		06/16/2020 04:36 PM
1735	Conversion Tools	Feature	WIP	Normal	leverage lambda expressions (Java 8 "closures") to reduce code bloat	Greg Shah	06/12/2020 11:15 AM
4155	Database	Feature	WIP	Normal	remove conversion dependency on metadata .df file	Greg Shah	06/10/2020 05:33 PM
3815	Database	Feature	Closed	Normal	more temp-table options	Stanislav Lomany	01/24/2020 05:53 PM
3816	Database	Feature	Closed	Normal	table and table handle parameter options		01/23/2020 12:23 PM
3651	Database	Bug	Closed	Normal	regression in server startup when _connect metadata is active and a database is loaded at startup	Eric Faulhaber	11/13/2019 05:58 PM
1476	Core Development	Feature	Closed	Normal	slides for the "Field References" (database) chapter	Eugenie Lyzenko	11/13/2019 11:48 AM
1738	Conversion Tools	Feature	New	Normal	provide configurable control over code formatting		11/11/2019 03:32 PM
1879	Database	Feature	New	Normal	push lock manager back into database		10/24/2019 03:06 PM
4323	Database	Feature	WIP	Normal	parse full FQL statements and convert them to SQL	Ovidiu Maxiniuc	10/24/2019 10:19 AM

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3379	Database	Bug	Closed	Normal	do not copy index definitions when defining WORKFILE like TABLE	Vladimir Tsichevski	09/27/2019 03:15 PM
4015	Database	Feature	Rejected	Normal	upgrade to a newer Hibernate release		09/17/2019 12:24 AM
4035	Database	Bug	Closed	Normal	newly created record is not flushed at the right time	Eric Faulhaber	07/15/2019 04:13 PM
4072	User Interface	Bug	Rejected	Normal	NPE logging into Hotel GUI with Swing client		05/10/2019 01:10 AM
4060	Database	Support	New	Normal	investigate converting extent fields to array columns		05/01/2019 01:17 PM
3684	User Interface	Feature	Closed	Normal	implement a web theme inspired by material design	Ovidiu Maxiniuc	05/01/2019 11:13 AM
4054	Database	Feature	New	Normal	only track specific tables in dirty database		05/01/2019 01:32 AM
3927	Conversion Tools	Feature	Closed	Normal	conversion mode that takes a file spec and a file blacklist	Eric Faulhaber	04/12/2019 01:30 PM
4036	Database	Feature	New	Normal	catch database UDF support up to current built-in function support level		04/08/2019 06:12 PM
4031	Conversion Tools	Bug	Rejected	Normal	regression in comments conversion		04/02/2019 10:43 AM
4030	Database	Feature	New	Normal	improve CompoundQuery optimizer		04/01/2019 10:52 PM
4028	User Interface	Feature	New	Normal	coalesce multiple STATUS updates sent in rapid succession to reduce DAP work		04/01/2019 10:18 PM
4027	Runtime Infrastructure	Feature	New	Normal	optimize multiple PUT statements by deferring call to client until EOL or EOF		04/01/2019 10:06 PM
4025	Runtime Infrastructure	Bug	New	Normal	potential client/server performance improvements		04/01/2019 09:47 PM
4024	Database	Feature	New	Normal	PostgreSQL shared memory JDBC driver		04/01/2019 06:40 PM
4023	Database	Feature	New	Normal	PostgreSQL query planning optimization		04/01/2019 06:20 PM
4021	Database	Feature	New	Normal	better use of session-related resources such as PreparedStatements and caches		04/01/2019 03:37 PM
4019	Database	Feature	New	Normal	rework dirty database implementation to use persistent database		04/01/2019 11:35 AM
4018	Database	Feature	New	Normal	possibly move temp-table support into persistent database		04/01/2019 11:02 AM
3934	Database	Bug	New	Normal	binary logical expressions in a 4GL WHERE clause are executed left to right		03/01/2019 03:45 PM
3337	Conversion Tools	Feature	New	Normal	Source code analytics features		01/30/2019 12:52 PM
3705	Database	Feature	Test	Normal	custom query/index/field reports	Eric Faulhaber	09/11/2018 12:48 PM
1739	Conversion Tools	Feature	New	Normal	add hints/features for better control over comment conversion		09/06/2018 05:25 PM
3537	User Interface	Bug	Closed	Normal	web client fonts don't display well when browser zoom is not 100% at login	Sergey Ivanovskiy	06/19/2018 11:48 AM
3565	Runtime Infrastructure	Feature	WIP	High	provide better support for file system access across platforms	Sergey Ivanovskiy	05/29/2018 04:03 PM
3436	Runtime Infrastructure	Bug	Closed	Normal	miscellaneous performance fixes	Eric Faulhaber	02/05/2018 11:21 AM
3370	User Interface	Bug	Closed	Normal	READ-ONLY attribute error in server log	Ovidiu Maxiniuc	11/24/2017 02:37 PM
3356	Conversion Tools	Bug	Closed	Normal	Code Analytics summary reports are not displayed on Windows	Eric Faulhaber	10/12/2017 12:29 AM
3357	Conversion Tools	Bug	WIP	Normal	Code Analytics file filter view not working correctly on Windows		10/11/2017 11:23 AM
2000	Database	Feature	Closed	Normal	add conversion support for table and table handle parameters	Stanislav Lomany	10/03/2017 05:45 AM
3336	Conversion Tools	Bug	New	Normal	Source code analytics defect punch list		09/22/2017 01:45 PM

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3319	Database	Feature	New	Normal	investigate viability of using the Progress database as a back-end		09/05/2017 08:43 PM
3307	Database	Feature	New	Normal	enhance LockAdministrator implementation to collect info on sessions waiting to lock a record		06/29/2017 06:13 PM
3278	Database	Bug	New	Low	connected function converts incorrectly when passed an unquoted string		04/20/2017 11:50 AM
3263	Build and Source Control	Bug	WIP	Normal	com.goldencode.p2j.Version class always loaded from p2jspi.jar		03/14/2017 06:14 PM
3242	Conversion Tools	Bug	Closed	Normal	parser console output written out of order	Eric Faulhaber	03/14/2017 01:57 PM
1580	Database	Feature	Closed	Normal	upgrade Hibernate to latest level	Stanislav Lomany	02/09/2017 07:34 AM
3243	Database	Bug	New	Low	possible mismatch in runtime sequence definition and retrieval	Ovidiu Maxiniuc	02/07/2017 12:08 PM
3241	Database	Bug	New	Normal	schema conversion only allows _user table in one schema		02/06/2017 02:00 PM
2580	Database	Feature	New	Low	make field denormalization the default schema conversion for extent fields		02/06/2017 01:50 PM
3234	User Interface	Bug	New	Normal	loading image with no extension in filename does not work from file system		01/31/2017 03:17 PM
2312	Database	Feature	WIP	Normal	match Progress collation in a SQL Server database	Ovidiu Maxiniuc	01/19/2017 05:53 PM
2313	Database	Feature	Hold	Normal	match Progress collation on a PostgreSQL database on Windows		01/19/2017 05:45 PM
2536	Database	Bug	New	Low	improve dynamic query parser error handling	Ovidiu Maxiniuc	11/16/2016 01:21 PM
1996	Runtime Infrastructure	Feature	New	Normal	use generics to simplify the Resolvable class hierarchy		11/16/2016 01:21 PM
2035	Database	Feature	New	Normal	optimize conversion of CAN-FIND([FIRST|LAST] temp-table-record ... {SHARE-LOCK|EXCLUSIVE-LOCK})		11/16/2016 01:16 PM
2034	Database	Bug	New	Normal	correct conversion of CAN-FIND({FIRST|LAST} ... {SHARE-LOCK|EXCLUSIVE_LOCK} [NO-WAIT])		11/16/2016 01:16 PM
1914	Database	Bug	Closed	Normal	database conversion requires Internet connectivity		11/16/2016 01:11 PM
3047	Database	Feature	New	Normal	JDBC jar deployment		11/16/2016 01:06 PM
2206	Database	Feature	Rejected	Normal	use encoded passwords for _User table data import		11/16/2016 01:02 PM
1828	Conversion Tools	Feature	New	Normal	move header "widgets" that represent constants into the frame definition		11/16/2016 12:47 PM
1744	Conversion Tools	Feature	New	Normal	create remapping rules to remap the sections of moved include code to calls on common classes		11/16/2016 12:47 PM
1743	Conversion Tools	Feature	New	Normal	create conversion rules to generate utility classes with common include code		11/16/2016 12:47 PM
1742	Conversion Tools	Feature	New	Normal	create hints documenting where (and how many times) each file is included		11/16/2016 12:47 PM
1741	Conversion Tools	Feature	New	Normal	create include analyzer to identify safe code that can be moved to a common location		11/16/2016 12:47 PM
1740	Conversion Tools	Feature	New	Normal	refactor include code for less verbose/redundant converted business logic		11/16/2016 12:47 PM
1733	Conversion Tools	Feature	New	Normal	refactor/reuse validation expressions		11/16/2016 12:47 PM
1732	Conversion Tools	Feature	New	Normal	refactor common frame element arrays		11/16/2016 12:47 PM
1731	Conversion Tools	Feature	New	Normal	reuse frame elements within business logic		11/16/2016 12:47 PM
1730	Conversion Tools	Feature	New	Normal	implement macro pattern matching		11/16/2016 12:47 PM

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1716	Conversion Tools	Feature	New	Normal	remove unnecessary wrapping/unwrapping for expressions where primitive results could be used directly		11/16/2016 12:47 PM
1696	Conversion Tools	Feature	New	Normal	create a variable to replace multiple uses of a string literal		11/16/2016 12:47 PM
1695	Conversion Tools	Feature	New	Normal	evaluate certain constant expressions at conversion time		11/16/2016 12:47 PM
1694	Conversion Tools	Feature	New	Normal	rewrite variable comparisons with the unknown value constant		11/16/2016 12:47 PM
1693	Conversion Tools	Feature	New	Normal	rewrite numeric increment/decrement expressions		11/16/2016 12:47 PM
1692	Conversion Tools	Feature	New	Normal	optimize/rewrite common expression idioms		11/16/2016 12:47 PM
1678	Conversion Tools	Feature	New	Normal	rollup/simplify/remove dead code usually caused by preprocessor substitutions		11/16/2016 12:47 PM
1919	Database	Feature	New	Low	update HQLPreprocessor and calling code to better handle WHERE TRUE and WHERE FALSE cases		11/16/2016 12:46 PM
1839	Conversion Tools	Feature	New	Normal	add support for the customization of file names (external procedure)		11/16/2016 12:46 PM
1838	Conversion Tools	Feature	New	Normal	extract symbolic constants from preprocessor expansions where possible		11/16/2016 12:46 PM
1837	Conversion Tools	Feature	New	Normal	put common adm, adm2 and appbuilder scaffolding in a base class		11/16/2016 12:46 PM
1835	Conversion Tools	Feature	New	Normal	replace common setup code for super-procedures with hand-written Java code		11/16/2016 12:46 PM
1825	Conversion Tools	Feature	New	Normal	make common format strings into static, final variables in a shared class		11/16/2016 12:46 PM
1810	Conversion Tools	Feature	New	Normal	expand use of varargs in the runtime		11/16/2016 12:46 PM
1737	Conversion Tools	Feature	New	Normal	eliminate/consolidate schema tables where possible		11/16/2016 12:46 PM
1736	Conversion Tools	Feature	New	Normal	explore possibility of super procedures via Java inheritance		11/16/2016 12:46 PM
1728	Conversion Tools	Feature	New	Normal	better analysis of function parameters to avoid emitting unnecessary code in business logic		11/16/2016 12:46 PM
1727	Conversion Tools	Feature	New	Normal	detect constant variables and rewrite as final statics (non-shared vars only)		11/16/2016 12:46 PM
1726	Conversion Tools	Feature	New	Normal	reset the counter for "condition" and "editingLabel" in <init-rules> for annotations rule sets		11/16/2016 12:46 PM
1725	Conversion Tools	Feature	New	Normal	replace unnecessary use of FieldReference in message and messageBox calls		11/16/2016 12:46 PM
1724	Conversion Tools	Feature	New	Normal	replace "new FieldReference(dmo, propertyName)" in business logic with less verbose alternative		11/16/2016 12:46 PM
1723	Conversion Tools	Feature	New	Normal	remove unnecessary curly braces associated with not being an "integrated_simple_do" in control_flow.rules		11/16/2016 12:46 PM
1722	Conversion Tools	Feature	New	Normal	remove format string constants that are not referenced in the business logic		11/16/2016 12:46 PM
1721	Conversion Tools	Feature	New	Normal	name skip/space widgets skipX or spaceY instead of exprX or exprY		11/16/2016 12:46 PM
1720	Conversion Tools	Feature	New	Normal	improve conversion of Progress 4GL if/else do: if/else end.		11/16/2016 12:46 PM
1719	Conversion Tools	Feature	New	Normal	flatten if/else chains in converted code		11/16/2016 12:46 PM
1718	Conversion Tools	Feature	New	Normal	move ControlFlowOps.setReturnValue("") from business logic into runtime (TransactionManager)		11/16/2016 12:46 PM
1717	Conversion Tools	Feature	New	Normal	provide alternate, simplified signatures for LogicalTerminal.message()		11/16/2016 12:46 PM
1712	Conversion Tools	Feature	New	Normal	add ControlSetItem(String) and ControlSetItem(character) constructors		11/16/2016 12:46 PM

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1698	Conversion Tools	Feature	New	Normal	remove duplicate frame.openScope() calls from business logic		11/16/2016 12:46 PM
1691	Conversion Tools	Feature	New	Normal	remove unnecessary handle vars and replace with object of the appropriate type		11/16/2016 12:46 PM
1688	Conversion Tools	Feature	New	Normal	move LEAVE/NEXT rewriting from annotations into fixups		11/16/2016 12:46 PM
1687	Conversion Tools	Feature	New	Normal	remove frames which are completely scoped to dead code		11/16/2016 12:46 PM
1686	Conversion Tools	Feature	New	Normal	ensure frame definitions properly account for formatting information in otherwise dead code		11/16/2016 12:46 PM
1685	Conversion Tools	Feature	New	Normal	log all dead/unreachable code decisions		11/16/2016 12:46 PM
1684	Conversion Tools	Feature	New	Normal	variable definitions made in unreachable code actually still exist and can be used in Progress code		11/16/2016 12:46 PM
1683	Conversion Tools	Feature	New	Normal	rewrite unreachable processing to run in a loop (and/or using ascent rules) to detect and "rollup" dead code		11/16/2016 12:46 PM
1682	Conversion Tools	Feature	New	Normal	IF/ELSE unreachable processing needs to promote THEN/ELSE child nodes into enclosing block		11/16/2016 12:46 PM
1681	Conversion Tools	Feature	New	Normal	convert "for each foo: i = i + 1. end." to something like RecordBuffer.count(fooDMO)		11/16/2016 12:46 PM
1680	Conversion Tools	Feature	New	Normal	convert "for each foo: delete foo. end." into a simpler form		11/16/2016 12:46 PM
1679	Conversion Tools	Feature	New	Normal	remove concatenation of empty strings		11/16/2016 12:46 PM
1677	Conversion Tools	Feature	New	Normal	deeper analysis of IF/CASE and other condition expressions		11/16/2016 12:46 PM
1676	Conversion Tools	Feature	New	Normal	remove conditional expressions that always evaluate true or false		11/16/2016 12:46 PM
1675	Conversion Tools	Feature	New	Normal	remove unreferenced streams, frames, buffers, temp-tables		11/16/2016 12:46 PM
1674	Conversion Tools	Feature	New	Normal	remove unreferenced, non-shared variables		11/16/2016 12:46 PM
1715	Conversion Tools	Feature	New	Normal	make frame definitions less verbose by replacing setter code with common case, parameterized, widget constructors		11/16/2016 12:39 PM
1713	Conversion Tools	Feature	New	Normal	remove duplicated code in frame definitions		11/16/2016 12:39 PM
1699	Conversion Tools	Feature	New	Normal	remove duplicate validation expressions from business logic		11/16/2016 12:39 PM
1697	Conversion Tools	Feature	New	Normal	eliminate duplication of frame definitions		11/16/2016 12:39 PM
1846	Conversion Tools	Feature	Closed	Normal	add option to de-normalize extent fields		11/16/2016 12:35 PM
1734	Conversion Tools	Feature	Closed	Normal	improve temp/work table naming		11/16/2016 12:35 PM
3011	Database	Feature	Rejected	Normal	try H2 internal connection pool instead of UnpooledConnectionProvider		11/16/2016 12:31 PM
2973	Runtime Infrastructure	Feature	Closed	Normal	improve ContextLocal performance	Igor Skornyakov	11/16/2016 12:31 PM
2275	Database	Feature	Closed	Normal	cache of runtime-converted, dynamic queries and temp-tables	Ovidiu Maxiniuc	11/16/2016 12:31 PM
2274	Database	Feature	Closed	Normal	improve performance of new database features		11/16/2016 12:31 PM
3010	Database	Feature	WIP	Normal	retrieve new primary keys from database in batch		11/16/2016 12:30 PM
3003	Runtime Infrastructure	Feature	New	Normal	improve performance of BaseDataType.deepCopy()		11/16/2016 12:30 PM
2290	Database	Feature	New	Normal	enhance SchemaDictionary to store context-local information for dynamic queries		11/16/2016 12:30 PM
2282	Database	Feature	Hold	Normal	make number of pattern engine instances per conversion profile configurable		11/16/2016 12:30 PM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
2261	Database	Bug	New	Normal	improve server startup performance	Eric Faulhaber	11/16/2016 12:30 PM
1851	Database	Feature	New	Normal	database performance/scalability tuning		11/16/2016 12:30 PM
1667	Database	Feature	New	Normal	improve support for "FOR EACH FIRST" and similar cases		11/16/2016 12:30 PM
1659	Database	Feature	New	Normal	add support for field exclusion/inclusion lists in queries		11/16/2016 12:30 PM
2656	Database	Bug	WIP	Normal	race condition in DynamicTablesHelper	Eric Faulhaber	11/16/2016 12:08 PM
2276	Database	Feature	Closed	Normal	create a work queue of PatternEngine instances for runtime conversion tasks	Eric Faulhaber	11/16/2016 12:07 PM
2236	Database	Bug	Closed	Normal	HQL error generated from dynamically converted query with extent field reference in where clause	Stanislav Lomany	11/16/2016 12:07 PM
2235	Database	Feature	Closed	Normal	fix deployment issues related to dynamic database conversion resources	Stanislav Lomany	11/16/2016 12:07 PM
2140	Database	Feature	Closed	Normal	use positional query substitution parameters in HQLPreprocessor and related classes	Stanislav Lomany	11/16/2016 12:07 PM
2143	Database	Feature	Closed	Normal	prototype IKVM solution for Java UDFs compiled to CIL assemblies and loaded in SQL Server	Ovidiu Maxiniuc	11/16/2016 12:07 PM
2296	Database	Feature	Closed	Normal	update record buffer validation to prevent database index overflow	Ovidiu Maxiniuc	11/16/2016 12:07 PM
2281	Database	Feature	Closed	Normal	enhance schema name conversion to support literal replacements	Vadim Nebogatov	11/16/2016 12:07 PM
2258	Database	Feature	Closed	Normal	retrofit BUFFER-COPY and BUFFER-COMPARE language statement runtime support to use legacy field names	Vadim Nebogatov	11/16/2016 12:07 PM
2219	Database	Bug	Closed	Normal	problematic dynamic query test cases	Stanislav Lomany	11/16/2016 12:07 PM
1661	Database	Feature	Closed	Normal	support case-sensitive fields in indexes	Ovidiu Maxiniuc	11/16/2016 12:07 PM
2570	Database	Bug	Closed	Normal	buffers must be members of the class which defines their tightest scope	Eric Faulhaber	11/16/2016 12:06 PM
2437	Database	Bug	Closed	Normal	where clause with dynamic database reference to separate buffer not properly converted	Eric Faulhaber	11/16/2016 12:06 PM
2348	Base Language	Bug	Closed	Normal	unable to find internal procedure from database session trigger	Constantin Asofiei	11/16/2016 12:06 PM
2551	Database	Feature	Closed	Normal	replace runtime compilation of DMOs with ASM bytecode implementation	Eric Faulhaber	11/16/2016 12:06 PM
2249	Bugs	Bug	Closed	Normal	PermGen leak due to dynamic conversion at runtime	Eric Faulhaber	11/16/2016 12:06 PM
2220	Database	Feature	Closed	Normal	dynamic query methods which require implementation	Stanislav Lomany	11/16/2016 12:06 PM
2134	Database	Feature	Closed	Normal	configurable denormalization of extent fields into individual fields in schema conversion	Vadim Nebogatov	11/16/2016 12:06 PM
3102	Bugs	Bug	Closed	Normal	P2J client consumes all CPU in pseudoTerminalWait across multiple threads	Eugenie Lyzenko	11/16/2016 12:06 PM
3026	Database	Bug	Closed	Normal	BUFFER-DELETE() method does not account for table-level delete validation	Stanislav Lomany	11/16/2016 12:06 PM
2636	Database	Bug	Closed	High	JDBC connection leak	Eric Faulhaber	11/16/2016 12:06 PM
2581	Database	Feature	Closed	Normal	improve performance of non-preselect, multi-table joins	Eric Faulhaber	11/16/2016 12:06 PM
2569	Bugs	Bug	Closed	Normal	memory leaks of procedure, buffer, handle resources	Eric Faulhaber	11/16/2016 12:06 PM
2488	Database	Bug	Closed	Normal	replace runtime compilation of dynamic queries	Ovidiu Maxiniuc	11/16/2016 12:06 PM
2288	Base Language	Bug	Closed	High	incorrect conversion and results for unknown value comparisons	Eric Faulhaber	11/16/2016 12:06 PM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
2287	Base Language	Feature	Closed	High	implement missing type conversion for POLY cases in data type wrapper assign method	Marius Gligor	11/16/2016 12:06 PM
2273	Database	Feature	Closed	Normal	address remaining limitations of SQL Server needed to support legacy 4GL behavior	Ovidiu Maxiniuc	11/16/2016 12:06 PM
2148	Database	Feature	Closed	Normal	enhance prototype to compile p2jpl.jar file with IKVMC into .NET assembly and load into SQL Server	Ovidiu Maxiniuc	11/16/2016 12:06 PM
1656	Database	Feature	Closed	Normal	add Microsoft SQL Server support		11/16/2016 12:06 PM
2090	Database	Bug	Closed	Normal	correct sorting of DMO properties during schema conversion	Constantin Asofiei	11/16/2016 11:43 AM
1912	Core Development	Feature	Closed	Normal	migrate P2J to Java 7	Eric Faulhaber	11/16/2016 11:43 AM
1663	Database	Feature	Closed	Normal	test/debug case-sensitive field support	Eric Faulhaber	11/16/2016 11:43 AM
1660	Database	Feature	Closed	Normal	add conversion and runtime support for OF keyword use in a CAN-FIND	Ovidiu Maxiniuc	11/16/2016 11:43 AM
1594	Database	Feature	Closed	Normal	add conversion and runtime support for CURRENT-CHANGED() built-in function	Ovidiu Maxiniuc	11/16/2016 11:43 AM
1911	Database	Feature	Closed	Normal	add runtime support for sequences	Ovidiu Maxiniuc	11/16/2016 11:43 AM
2175	Database	Feature	Closed	Normal	add support for -rereadnolock startup parameter	Ovidiu Maxiniuc	11/16/2016 11:43 AM
2141	Database	Feature	Closed	Normal	generate SQL Server schema	Vadim Nebogatov	11/16/2016 11:43 AM
2127	Database	Feature	Closed	Normal	complete runtime support for dynamically prepared queries	Constantin Asofiei	11/16/2016 11:43 AM
2128	Database	Feature	Closed	Normal	generate and load DMO interface and implementation classes for dynamic temp-tables at runtime	Stanislav Lomany	11/16/2016 11:43 AM
2122	Database	Feature	Closed	Normal	add runtime support for dynamically prepared temp-tables	Stanislav Lomany	11/16/2016 11:43 AM
1595	Database	Feature	Closed	Normal	add conversion and runtime support for DBPARAM() built-in function	Ovidiu Maxiniuc	11/16/2016 11:43 AM
1593	Database	Feature	Closed	Normal	add conversion and runtime support for TO-ROWID() built-in function	Ovidiu Maxiniuc	11/16/2016 11:43 AM
1592	Database	Feature	Closed	Normal	implement additional database built-in functions		11/16/2016 11:43 AM
1584	Base Language	Feature	Closed	Normal	add conversion and runtime support for INT64 and DATETIME data types	Ovidiu Maxiniuc	11/16/2016 11:43 AM
2118	Database	Feature	Closed	Normal	add runtime support for _index and _index-field metadata tables	Eric Faulhaber	11/16/2016 11:43 AM
2221	Database	Bug	Closed	Normal	indexes not created or being dropped during data import	Eric Faulhaber	11/16/2016 11:42 AM
2126	Database	Feature	Closed	Normal	add support for table-level locking (share and exclusive) for runtime internal use	Vadim Nebogatov	11/16/2016 11:42 AM
2080	Database	Feature	Closed	Normal	add runtime support for database methods	Vadim Nebogatov	11/16/2016 11:42 AM
1669	Database	Feature	Closed	Normal	add support for additional database methods		11/16/2016 11:42 AM
1975	Database	Feature	Closed	Normal	add runtime support for (non-dynamic) database attributes	Vadim Nebogatov	11/16/2016 11:42 AM
1668	Database	Feature	Closed	Normal	add support for additional (non-dynamic) database attributes		11/16/2016 11:42 AM
1666	Database	Feature	Closed	Normal	add support for mixed-direction indexes	Ovidiu Maxiniuc	11/16/2016 11:42 AM
2125	Database	Feature	Closed	Normal	add runtime support for dynamic buffer creation and cleanup	Stanislav Lomany	11/16/2016 11:42 AM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
1654	Database	Feature	Closed	Normal	add conversion and runtime support for dynamic buffer creation and cleanup	Stanislav Lomany	11/16/2016 11:42 AM
2120	Database	Feature	Closed	Normal	add runtime support for dynamically prepared queries	Constantin Asofiei	11/16/2016 11:42 AM
1653	Database	Feature	Closed	Normal	add conversion and runtime support for dynamically prepared queries		11/16/2016 11:42 AM
2043	Database	Feature	Closed	Normal	add runtime support for some embedded SQL features	Vadim Nebogatov	11/16/2016 11:42 AM
1588	Database	Feature	Closed	Normal	add conversion and runtime support for embedded SQL		11/16/2016 11:42 AM
2117	Database	Feature	Closed	Normal	add runtime support for _lock metadata table	Eric Faulhaber	11/16/2016 11:42 AM
2116	Database	Feature	Closed	Normal	add runtime support for _user metadata table	Ovidiu Maxiniuc	11/16/2016 11:42 AM
2115	Database	Feature	Closed	Normal	add runtime support for _file and _field metadata tables	Eric Faulhaber	11/16/2016 11:42 AM
1662	Database	Feature	Closed	Normal	runtime support for table parameters	Stanislav Lomany	11/16/2016 11:42 AM
2024	Database	Feature	Closed	Normal	implement runtime support for database triggers	Ovidiu Maxiniuc	11/16/2016 11:42 AM
1658	Database	Feature	Closed	Normal	improve database trigger support		11/16/2016 11:42 AM
1655	Database	Feature	Closed	Normal	add conversion and runtime support for certain dynamic database attributes and methods	Ovidiu Maxiniuc	11/16/2016 11:42 AM
1652	Database	Feature	Closed	Normal	add conversion and runtime support for dynamically prepared temp-tables		11/16/2016 11:42 AM
1651	Database	Feature	Closed	Normal	add support for dynamic database features		11/16/2016 11:42 AM
1582	Database	Feature	Closed	Normal	add conversion and runtime support for sequences	Ovidiu Maxiniuc	11/16/2016 11:42 AM
1581	Database	Feature	Closed	Normal	add conversion and runtime support for certain metadata constructs		11/16/2016 11:42 AM
1999	Database	Feature	Closed	Normal	add conversion support for builtin functions in a WHERE clause	Vadim Nebogatov	11/16/2016 11:08 AM
1974	Database	Feature	Closed	Normal	add conversion support for (non-dynamic) database attributes	Constantin Asofiei	11/16/2016 11:08 AM
1954	Database	Feature	Closed	Normal	add conversion support for CREATE QUERY statement	Ovidiu Maxiniuc	11/16/2016 11:08 AM
1955	Database	Feature	Closed	Normal	add conversion support for CREATE-TEMP-TABLE statement	Ovidiu Maxiniuc	11/16/2016 11:08 AM
1586	Database	Feature	Closed	Normal	add quick and dirty support for word indexes using LIKE operator	Ovidiu Maxiniuc	11/16/2016 11:08 AM
1583	Database	Feature	Closed	Normal	add conversion and runtime support for the INSERT language statement	Ovidiu Maxiniuc	11/16/2016 11:08 AM
1992	Database	Feature	Closed	Normal	add support for double-colon (::) syntax	Ovidiu Maxiniuc	11/16/2016 11:07 AM
1967	Database	Feature	Closed	Normal	rework DMO class/interface hierarchy	Eric Faulhaber	11/16/2016 11:07 AM
1953	Database	Feature	Closed	Normal	add conversion support for CREATE BUFFER statement	Ovidiu Maxiniuc	11/16/2016 11:07 AM
2042	Database	Feature	Closed	Normal	add conversion support for some embedded SQL features	Eric Faulhaber	11/16/2016 11:07 AM
1933	Database	Feature	Closed	Normal	add conversion support for certain metadata constructs	Eric Faulhaber	11/16/2016 11:07 AM
2101	Database	Bug	Closed	Normal	multi-buffer FOR loop with rowid and to-rowid functions in WHERE clause not converting properly	Eugenie Lyzenko	11/16/2016 11:06 AM
2097	Database	Bug	Closed	Normal	FOR EACH with multiple, nested CAN-FINDs converts badly	Eric Faulhaber	11/16/2016 11:06 AM
2095	Database	Bug	Closed	Normal	FIELDS/EXCEPT record phrase options not honored	Stanislav Lomany	11/16/2016 11:06 AM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
2094	Database	Bug	Closed	Normal	OUTER-JOIN record phrase option not honored	Constantin Asofiei	11/16/2016 11:06 AM
2092	Database	Feature	Closed	Normal	add server-side database support for several builtin functions	Costin Savin	11/16/2016 11:06 AM
1947	Database	Feature	Closed	Normal	add conversion support for database methods	Vadim Nebogatov	11/16/2016 11:06 AM
1949	Database	Feature	Closed	Normal	add conversion support for database triggers	Stanislav Lomany	11/16/2016 11:06 AM
2071	Database	Bug	Closed	Normal	conversion fails to find attach point for QueryWrapper instance variable declaration	Eric Faulhaber	11/16/2016 10:59 AM
2066	Conversion Tools	Bug	Closed	Normal	brew adds unnecessary comma in method parameter list after comment	Constantin Asofiei	11/16/2016 10:58 AM
2062	Database	Bug	Closed	Normal	buffer parameter names doubled up, not included in RecordBuffer.openScope() call	Eric Faulhaber	11/16/2016 10:58 AM
2054	Database	Bug	Closed	Normal	conversion errors with complex buffer parameters and definitions	Eric Faulhaber	11/16/2016 10:56 AM
2052	Database	Bug	Closed	Normal	conversion error resolving master temp-table buffer	Eric Faulhaber	11/16/2016 10:55 AM
1910	Database	Feature	Closed	Normal	add schema conversion support for sequences	Ovidiu Maxiniuc	11/16/2016 10:52 AM
1579	Conversion Tools	Feature	Closed	Normal	review and merge 12/2011 conversion fixes into main P2J code base, regression test, and fix as needed	Constantin Asofiei	11/16/2016 09:02 AM
3145	Database	Feature	Closed	Normal	implement _File._Template metadata support	Ovidiu Maxiniuc	07/26/2016 11:39 AM
2482	Database	Bug	WIP	Normal	conversion of FIND does not honor NO-LOCK when specified early	Vadim Nebogatov	04/19/2016 11:31 AM
2426	Database	Bug	Hold	Normal	converted unique indexes containing text data disallow records which differ only by right-padding in a text field		03/30/2016 07:05 AM
2371	Database	Support	Closed	Normal	trigger behavior	Eric Faulhaber	03/27/2016 11:59 PM
2376	Database	Feature	Test	Normal	retain bulk getter/setter methods for custom denormalized extent fields		03/27/2016 11:58 PM
2808	Database	Feature	Closed	Normal	allow database scans for unused primary keys to be disabled in SequenceIdentityManager	Eric Faulhaber	11/06/2015 03:06 PM
2723	Runtime Infrastructure	Bug	New	Normal	intermittent failure in reading loop on P2J server startup in Java 8		09/17/2015 05:37 PM
2589	Database	Bug	New	Normal	remote request for next primary key gives wrong result when metadata DB is running		06/17/2015 06:39 PM
2417	Database	Bug	New	Normal	DatabaseManager reports severe error when registering a database more than once		10/08/2014 02:27 PM
2387	Database	Bug	New	Normal	improve compatibility of NO-UNDO temp-tables		09/12/2014 04:08 PM
2383	Database	Support	New	Normal	write an SQL script to verify all UDFs for built-in functions work once p2jpl.jar is installed in a database		08/30/2014 11:16 PM
2377	Database	Bug	New	Normal	default buffer can be incorrectly scoped to an internal procedure		08/13/2014 05:52 PM
2339	Database	Feature	New	Low	generate schema-triggers.xml from Java annotations at build time		07/14/2014 03:22 PM
2203	Database	Feature	New	Normal	replace or minimize use of dmo_index.xml file		11/20/2013 11:03 AM
2202	Bugs	Bug	New	Normal	ContextLocal should disallow calls which operate on its data during cleanup()		11/12/2013 05:21 PM
1926	Database	Feature	Hold	Normal	create an en_GB@p2j_basic locale definition	Eric Faulhaber	05/02/2013 10:31 PM
1923	Bugs	Bug	New	Normal	&MESSAGE preprocessor directive expects NL only; needs to detect EOF as well		11/16/2012 02:18 PM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
1455	Bugs	Bug	Closed	High	P2J server virtual session deadlock	Constantin Asofiei	10/26/2012 12:53 PM
1657	Database	Feature	Hold	Normal	add Oracle support		10/21/2012 06:13 PM
1486	Core Development	Feature	Review	Normal	slides for the "Queries" chapter	Adrian Lungu	08/27/2012 12:00 PM
1475	Core Development	Feature	Review	Normal	slides for the "Accumulators" chapter	Adrian Lungu	08/27/2012 03:06 AM
1474	Core Development	Feature	Review	Normal	write Hibernate Mappings chapter of P2J Conversion Reference	Adrian Lungu	08/24/2012 02:21 AM
1477	Core Development	Feature	Review	Normal	slides for the "Record Selection Criteria" (database) chapter	Costin Savin	08/20/2012 10:17 AM
1473	Core Development	Feature	Closed	Normal	complete documentation about DMO index file	Constantin Asofiei	08/16/2012 11:26 AM
1465	Core Development	Feature	WIP	Normal	slides for the "Database-Related Built-in Functions, Methods, and Attributes" chapter	Costin Savin	08/10/2012 08:52 AM
1469	Core Development	Feature	Review	Normal	slides for the "Query Results Sorting" chapter	Adrian Lungu	08/09/2012 02:24 PM
1466	Core Development	Feature	Review	Normal	slides for the "Database Connections" chapter	Adrian Lungu	08/09/2012 01:48 PM
1468	Core Development	Feature	Review	Normal	finish the query_sorting.odt chapter of the P2J Conversion Reference	Adrian Lungu	08/09/2012 01:18 PM
1464	Core Development	Feature	Review	Normal	slides for the "Database Record Locking" chapter	Costin Savin	08/09/2012 03:48 AM
1463	Core Development	Feature	Review	Normal	slides for the "Record Buffer Statements" chapter	Costin Savin	08/09/2012 03:48 AM
17	Bugs	Bug	Closed	Normal	virtual session hangs on termination	Constantin Asofiei	02/17/2012 12:00 PM