

## Issues

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
1532	Core Development	Support	WIP	Normal	develop chemtutor 4GL sample application	Adrian Lungu	09/28/2012 04:40 PM
1474	Core Development	Feature	Review	Normal	write Hibernate Mappings chapter of P2J Conversion Reference	Adrian Lungu	08/24/2012 02:21 AM
1467	Core Development	Feature	Review	Normal	slides for the Transactions chapter	Adrian Lungu	08/09/2012 02:19 PM
1487	Core Development	Feature	Review	Normal	cleanup the "Administrative Client Setup" chapter	Adrian Lungu	08/30/2012 01:23 AM
1489	Core Development	Feature	Review	Normal	write the "Directory" chapter	Adrian Lungu	09/06/2012 04:31 PM
1508	Core Development	Feature	Review	Normal	finish/write the "Certificates" section of the Directory chapter	Adrian Lungu	10/04/2012 03:25 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
1457	Core Development	Feature	Review	Normal	slides for the "Displaying Data with Frames" chapter	Adrian Lungu	08/17/2012 02:50 AM
1488	Core Development	Feature	Review	Normal	cleanup/improve the "Progress 4GL Runtime Compatibility Options" chapter	Adrian Lungu	09/06/2012 04:40 PM
1486	Core Development	Feature	Review	Normal	slides for the "Queries" chapter	Adrian Lungu	08/27/2012 12:00 PM
1504	Core Development	Feature	Review	Normal	finish/write the "Accounts" section of the Directory chapter	Adrian Lungu	09/14/2012 12:11 PM
1458	Core Development	Feature	Review	Normal	slides for the "Editing" chapter	Adrian Lungu	08/17/2012 02:50 AM
1469	Core Development	Feature	Review	Normal	slides for the "Query Results Sorting" chapter	Adrian Lungu	08/09/2012 02:24 PM
1500	Core Development	Feature	Review	Normal	finish/write the "Audit" section of the Directory chapter	Adrian Lungu	09/12/2012 01:30 PM
1475	Core Development	Feature	Review	Normal	slides for the "Accumulators" chapter	Adrian Lungu	08/27/2012 03:06 AM
1466	Core Development	Feature	Review	Normal	slides for the "Database Connections" chapter	Adrian Lungu	08/09/2012 01:48 PM
4492	Database	Bug	WIP	Normal	database trigger defined with abbreviation should create a new buffer	Adrian Lungu	06/20/2020 12:10 PM
4996	Database	Feature	WIP	Normal	Integrate hash indexes in H2 temp-tables	Adrian Lungu	11/20/2020 08:25 AM
3584	User Interface	Bug	WIP	Normal	tooltips do not work in FWD for disabled, TEXT and FILL-IN widgets	Adrian Lungu	08/29/2019 07:29 AM
3889	User Interface	Bug	WIP	Normal	incorrect initial widget and screen values for combo boxes and selection lists	Adrian Lungu	07/25/2019 03:30 PM
5151	User Interface	Feature	WIP	Normal	Add complete support for tree-list OCX triggers	Adrian Lungu	09/08/2021 06:16 PM
7788	Database	Bug	New	Normal	NPE when assigning query to browse	Alexandru Donica	10/23/2023 10:57 AM
8249	Database	Bug	New	Normal	Introduce a fast fill method to optimize Dataset.fill	Alexandru Donica	03/27/2024 11:39 AM
6825	Database	Feature	WIP	Normal	improve table meta runtime (TableMapper and other)	Alexandru Donica	01/30/2024 12:50 PM
7320	Database	Feature	WIP	Normal	Extend H2 tester from Hotel GUI	Alexandru Donica	08/22/2023 05:12 AM
7382	Database	Feature	Test	Normal	Check performance of delete from vs drop table in H2	Alexandru Donica	02/02/2024 12:04 PM
6496	Database	Feature	Test	High	add equivalent support for -trig command line option	Alexandru Donica	02/02/2024 11:36 AM
6570	Base Language	Bug	WIP	Normal	stale procedure leak when appservers are used	Alexandru Lungu	03/21/2024 09:29 AM
3971	Conversion Tools	Feature	WIP	Normal	add support for unicode escape sequences in the preprocessor	Alexandru Lungu	02/23/2024 07:14 AM
7319	Database	Bug	New	Normal	Fix adaptive query test suite from testcases	Alexandru Lungu	08/22/2023 05:12 AM
7489	Database	Bug	WIP	Normal	Lazily initialize DMO signature	Alexandru Lungu	08/22/2023 09:02 AM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
7459	Database	Feature	WIP	Normal	Implement BucketIndex in FWD-H2 to support multiplex	Alexandru Lungu	07/03/2023 06:42 AM
6582	Database	Feature	WIP	Normal	implement multi-table AdaptiveQuery	Alexandru Lungu	02/27/2023 03:56 AM
7504	Database	Bug	WIP	Normal	Export data tool from FWD into .d files	Alexandru Lungu	08/22/2023 04:57 AM
8214	Database	Bug	WIP	Normal	Split Persister into SQLPersister and InMemoryPersister	Alexandru Lungu	01/30/2024 11:12 AM
7452	Database	Bug	WIP	Normal	Analyze memory of the value cache from FWD-H2 and eventually increase size	Alexandru Lungu	06/27/2023 06:40 AM
6720	Database	Feature	WIP	Normal	lazy hydration	Alexandru Lungu	02/14/2024 07:30 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
7641	Database	Bug	Review	High	Lower the number of Map.get() calls in the persistence layer	Alexandru Lungu	09/13/2023 11:55 AM
7165	Database	Bug	Test	Normal	Close multiplex scope using prepared statement	Alexandru Lungu	04/20/2023 07:13 AM
7258	Database	Bug	Test	Normal	Optimize INDEX-INFORMATION with closed dynamic queries	Alexandru Lungu	04/25/2023 05:11 AM
7062	Database	Feature	Test	Normal	Direct access to H2 internals to solve basic queries	Alexandru Lungu	06/09/2023 03:31 AM
7993	Database	Bug	Test	Normal	Create the fast-copy mapping tables (MASTER_PK_MAPPING and BEFORE_PK_MAPPING) only once per session	Alexandru Lungu	11/02/2023 10:52 PM
7355	Database	Bug	Test	Urgent	regression in row structure calculation for DATETIME-TZ when join is used on temp-tables	Alexandru Lungu	05/30/2023 04:49 AM
7060	Database	Feature	Test	Normal	Consider using wildcard selection to reduce SQL size	Alexandru Lungu	04/20/2023 07:12 AM
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
7363	Database	Feature	Test	Normal	Improve H2 Value caching, hashing and equals	Alexandru Lungu	08/22/2023 09:35 AM
7358	Database	Bug	Test	Normal	Optimize Session.invalidateRecords	Alexandru Lungu	05/29/2023 05:31 AM
6074	User Interface	Bug	Review	Normal	Movable widget problem	Alexandru Lungu	02/22/2022 12:39 PM
4053	Conversion Tools	Feature	New	Low	convert ant buildfile testcases/uast/build.xml into gradle builds file into build gradle	Alexei Kaigorodov	04/30/2019 06:38 AM
3691	User Interface	Bug	New	Normal	literal \$ character in format appears on the right side of the fill-in	Alexei Kaigorodov	08/08/2019 05:22 PM
3723	User Interface	Bug	New	Normal	Pressing ESC key twice doesn't allow the web client to log out properly	Alexei Kaigorodov	06/17/2019 09:16 AM
4130	User Interface	Bug	New	Normal	FWD truncates decimal part instead of rounding when displaying	Alexei Kaigorodov	08/02/2021 05:39 AM
7364	Database	Bug	New	Normal	Build a full test-suite for fast copy-temp-table	Andrei Bălteanu	06/26/2023 04:31 AM
7667	Database	Bug	WIP	Normal	Support OUTER-JOIN with PRESELECT at conversion	Andrei Bălteanu	01/11/2024 05:51 AM
6919	Database	Bug	Review	High	fix ErrorManager.displayError in TempTableBuilder	Boris Schegolev	03/09/2023 03:03 PM
5194	Base Language	Bug	New	Normal	Stream handle - type missing, not deletable	Constantin Asofiei	03/12/2021 09:33 AM
3178	Base Language	Feature	New	Normal	implement STREAM-HANDLE support	Constantin Asofiei	10/10/2019 05:31 PM
5123	Base Language	Bug	New	Normal	Remove sessionFree AppServer configuration parameter	Constantin Asofiei	02/02/2021 11:42 AM
5111	Base Language	Support	New	Normal	TempTableSchema & BufferField	Constantin Asofiei	01/29/2021 08:28 PM
5046	Base Language	Bug	New	Normal	ErrorManager - recordOrShowError	Constantin Asofiei	12/18/2020 02:00 AM
3558	Base Language	Feature	New	Normal	SEARCH("<program_name>.r") should return a value when there is a converted 4GL program that would match in the original system	Constantin Asofiei	05/25/2018 10:28 AM

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6650	Base Language	Feature	WIP	Normal	improve performance of Scopeable notification in TM.processScopeNotifications	Constantin Asofiei	12/21/2023 02:39 PM
1970	Base Language	Feature	WIP	Normal	improve ControlFlowOps method resolution by reflection	Constantin Asofiei	10/10/2022 07:51 AM
7122	Base Language	Feature	WIP	Normal	convert default getter/setter as plain Java methods	Constantin Asofiei	03/14/2024 03:17 PM
8154	Base Language	Bug	WIP	Normal	refactor scopeable stacks	Constantin Asofiei	04/01/2024 06:41 PM
6824	Base Language	Feature	WIP	Normal	lazy initialization of collection class members	Constantin Asofiei	01/20/2023 09:21 AM
4657	Base Language	Support	WIP	Normal	memory overhead from preloading classes with LegacySignature	Constantin Asofiei	06/20/2020 12:10 PM
6827	Base Language	Feature	WIP	Normal	reduce the memory footprint of WrappedResource implementations: replace BDTs with Java types	Constantin Asofiei	01/20/2023 09:23 AM
3756	Base Language	Feature	WIP	Normal	minor modifications for SESSION system handle support	Constantin Asofiei	12/04/2018 02:07 PM
6936	Base Language	Feature	WIP	High	OpenClient with null values at the DataObject (table) fields for native types	Constantin Asofiei	11/16/2022 01:40 PM
3253	Base Language	Feature	WIP	Normal	add cross-session publish/subscribe	Constantin Asofiei	09/03/2019 02:10 PM
4160	Base Language	Bug	WIP	Normal	Arrays assignment issue	Constantin Asofiei	03/03/2020 01:04 PM
4350	Base Language	Feature	WIP	Normal	method overload when they differ by a temp-table, dataset, buffer or object or extent or parameter modes	Constantin Asofiei	07/31/2022 05:58 AM
7089	Base Language	Bug	WIP	Normal	sanitize p2j.oo method signature	Constantin Asofiei	02/15/2023 05:21 AM
6392	Base Language	Bug	WIP	Normal	buffer flush and validation when the external program gets deleted can cause unique index validation error	Constantin Asofiei	05/24/2022 08:50 AM
6818	Base Language	Feature	WIP	Normal	analyze the performance of the FWD open client proxy client support	Constantin Asofiei	02/21/2023 09:56 AM
2075	Base Language	Bug	WIP	Normal	unknown literals in nested expressions	Constantin Asofiei	03/04/2013 10:53 AM
6826	Base Language	Feature	Review	Normal	reduce the BDT usage in FWD runtime	Constantin Asofiei	03/25/2024 08:37 AM
7438	Base Language	Bug	Review	Normal	the label in the UNDO <lbl>, THROW is not validated or used in 4GL	Constantin Asofiei	06/16/2023 07:16 AM
7644	Base Language	Bug	Test	Normal	load all legacy enums on FWD server startup	Constantin Asofiei	07/31/2023 08:01 AM
7299	Base Language	Bug	Test	Normal	resolution of the target OO method in chained calls with poly arguments	Constantin Asofiei	11/01/2023 06:09 AM
3868	Base Language	Feature	Test	Normal	customer servlet integration/support	Constantin Asofiei	07/03/2023 01:44 PM
5029	Base Language	Bug	Test	Normal	OO constructor with array input parameter	Constantin Asofiei	02/22/2021 03:24 AM
4965	Base Language	Feature	Test	Normal	Parameter annotation - qualified	Constantin Asofiei	03/10/2021 07:44 AM
5035	Base Language	Bug	Test	Normal	Temp-Table index on P.L.O field	Constantin Asofiei	03/09/2021 01:41 AM
4669	Base Language	Bug	Test	Normal	Conversion error for output stream-handle - protected property.	Constantin Asofiei	08/03/2020 12:20 PM
7873	Base Language	Bug	Test	Normal	conversion issues with dataset/table parameters for class events	Constantin Asofiei	10/05/2023 06:26 AM
6413	Base Language	Bug	Test	Normal	batch copy can be nested if there is a before-table record which needs to be populated in RecordBuffer\$Handler.invoke	Constantin Asofiei	06/01/2022 03:08 PM
8084	Base Language	Bug	Test	Normal	refactor the 'execute' method for legacy classes	Constantin Asofiei	12/14/2023 12:18 PM
7198	Base Language	Bug	Test	Normal	conversion of empty UPDATE/SET/PROMPT-FOR statements	Constantin Asofiei	06/05/2023 10:20 AM
4749	Base Language	Bug	Test	Normal	Conversion error for object indeterminate extent output parameter	Constantin Asofiei	03/06/2021 10:17 AM

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6404	Base Language	Bug	Test	High	conversion for dataset-handle and table-handle parameters with table fields or class properties	Constantin Asofiei	06/07/2022 07:38 AM
7484	Base Language	Bug	Test	Normal	decimal format - left-side 'balance' must include group separators	Constantin Asofiei	07/11/2023 01:28 PM
7643	Base Language	Bug	Test	Normal	memory leak in AssociatedThread	Constantin Asofiei	07/31/2023 08:41 AM
3020	Base Language	Bug	Test	Normal	Add support for the IMMEDIATE-DISPLAY and MULTITASKING-INTERVAL SEEION attributes	Constantin Asofiei	09/20/2021 01:06 PM
2078	Base Language	Feature	Hold	Normal	provide support for malformed label names	Constantin Asofiei	01/10/2019 09:43 AM
2204	Bugs	Bug	WIP	Normal	concurrency issue between user authentication and security cache refresh by the admin console	Constantin Asofiei	11/26/2013 04:08 AM
1442	Bugs	Bug	WIP	Normal	stream re-opened to the same file flushes previous buffer	Constantin Asofiei	01/11/2013 12:14 PM
3347	Bugs	Bug	WIP	Normal	HELP string support doesn't work for demo_widgets.p	Constantin Asofiei	10/10/2017 02:54 PM
6857	Build and Source Control	Support	New	Normal	rework existing testcases to easily convert and execute specific project subsets	Constantin Asofiei	10/18/2022 06:55 PM
6252	Conversion Tools	Feature	New	Normal	cleanup of p2j.cfg.xml	Constantin Asofiei	02/28/2024 09:43 AM
2356	Conversion Tools	Bug	New	Normal	pphints bug - nested includes are missing from the.pphints file	Constantin Asofiei	04/27/2017 12:40 PM
1603	Conversion Tools	Feature	New	Normal	enhance name conversion to support internal procedure names that contain a '.' character	Constantin Asofiei	11/16/2016 01:16 PM
7178	Conversion Tools	Feature	New	Normal	move the buffer scoping calculations to parse time	Constantin Asofiei	03/07/2023 07:41 PM
6738	Conversion Tools	Bug	New	Normal	incremental conversion when deleting program or class files	Constantin Asofiei	06/02/2023 10:25 AM
6256	Conversion Tools	Feature	WIP	Normal	improved profile support	Constantin Asofiei	03/30/2023 06:51 AM
5558	Conversion Tools	Bug	WIP	High	Direct Java interface: extra semicolon in converted Java breaks program logic	Constantin Asofiei	07/23/2021 02:20 PM
6642	Conversion Tools	Bug	Review	Normal	improve parsing memory footprint	Constantin Asofiei	07/29/2022 06:51 AM
1528	Core Development	Feature	WIP	Normal	write "Directory Access and Customization" chapter in the P2J Developer Guide	Constantin Asofiei	10/16/2012 10:20 AM
4825	Database	Bug	New	Normal	OutputTableHandleCopier dynamically defines destination temp-table	Constantin Asofiei	10/20/2020 01:21 PM
6591	Database	Bug	WIP	Normal	DMO collisions with converted program/legacy class name or FWD classes	Constantin Asofiei	07/12/2022 02:38 PM
6813	Database	Feature	WIP	Normal	analyze and improve performance of dynamic conversion of temp-tables and queries	Constantin Asofiei	07/24/2023 06:52 AM
4421	Database	Bug	WIP	Normal	blob/clob access with H2	Constantin Asofiei	12/02/2019 09:21 AM
4055	Database	Feature	WIP	Normal	optimize temp-table output parameter copying	Constantin Asofiei	03/10/2021 01:19 PM
7366	Database	Feature	WIP	Normal	improve performance of buffer.fill	Constantin Asofiei	04/23/2024 04:25 AM
8593	Database	Bug	WIP	Normal	H2 performance improvement for table 'truncate by multiplex'	Constantin Asofiei	05/08/2024 10:46 AM
6699	Database	Bug	WIP	Normal	TemporaryBuffer\$Multiplexer memory leak in global block	Constantin Asofiei	09/15/2022 01:24 PM
6766	Database	Bug	WIP	Normal	before-table options not inherited from the after-table (like NO-UNDO, SHARED, etc)	Constantin Asofiei	09/17/2022 09:04 AM
6810	Database	Bug	Review	High	NPE in PreselectQuery.assembleFromClause	Constantin Asofiei	10/05/2022 11:08 AM

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6586	Database	Bug	Test	Normal	parser/conversion bug when a database alias is used	Constantin Asofiei	07/07/2022 12:23 PM
8488	Database	Bug	Test	Normal	improve performance of WRITE-JSON	Constantin Asofiei	03/21/2024 02:27 PM
8451	Database	Bug	Test	Normal	improve performance of H2 String column comparison	Constantin Asofiei	03/21/2024 02:47 PM
8554	Database	Bug	Test	High	resolving temp-tables in a class hierarchy	Constantin Asofiei	04/07/2024 08:34 PM
7449	Database	Bug	Test	High	unqualified _File buffer must target the first database in the connection list	Constantin Asofiei	07/05/2023 11:22 AM
6940	Database	Bug	Test	High	unqualified field name resolution when there is an explicit buffer defined in an internal procedure	Constantin Asofiei	11/21/2022 07:40 AM
7379	Database	Feature	Test	Normal	cache the def and bound DMO property info in TemporaryBuffer\$ReferenceProxy	Constantin Asofiei	05/26/2023 10:57 AM
2297	Documentation	Feature	WIP	Normal	document new directory/P2J configurations and setup	Constantin Asofiei	05/22/2014 08:13 AM
2279	Documentation	Feature	WIP	Normal	documentation review and misc updates	Constantin Asofiei	04/25/2014 03:13 AM
6673	Runtime Infrastructure	Feature	New	Normal	rework appserver agent approach to use a shared queue instead of a check-in/check-out registry	Constantin Asofiei	09/29/2022 04:25 PM
5896	Runtime Infrastructure	Feature	WIP	Normal	enhance legacy REST support to provide better pure Java development	Constantin Asofiei	04/22/2022 01:27 PM
8062	TRPL	Feature	WIP	Normal	add a SWITCH rule in TRPL	Constantin Asofiei	12/01/2023 05:38 PM
7140	TRPL	Bug	Test	Normal	refactor goldencode.expr.Compiler to use Boolean.FALSE/TRUE instead of new Boolean(condition).	Constantin Asofiei	05/23/2023 07:37 AM
2728	User Interface	Bug	New	Normal	MOUSE_RELEASED/CLICKED needs to use the same source as the initial MOUSE_PRESSED event	Constantin Asofiei	11/16/2016 12:23 PM
2766	User Interface	Bug	New	Normal	implement a text metrics server process	Constantin Asofiei	12/28/2017 11:13 AM
2727	User Interface	Bug	New	Normal	fill-in text selection is broken	Constantin Asofiei	11/16/2016 12:23 PM
5150	User Interface	Bug	New	Normal	killing the web page for the web client should raise the equivalent of a window-close event	Constantin Asofiei	01/13/2022 10:57 AM
2809	User Interface	Bug	WIP	Normal	implement missing behaviour related to HIDDEN attribute	Constantin Asofiei	11/16/2016 12:23 PM
3589	User Interface	Bug	WIP	Normal	empty title forces a title area in a GUI frame	Constantin Asofiei	05/30/2018 04:57 AM
2713	User Interface	Bug	WIP	Low	Incorrect labels in case of the overlapping widgets.	Constantin Asofiei	10/20/2015 01:53 PM
3093	User Interface	Bug	WIP	Normal	widget-pool resources need to be pre-ordered when deleted (to enforce parent/child relationships for widgets)	Constantin Asofiei	09/21/2016 09:45 AM
1505	Core Development	Feature	WIP	Normal	finish/write the "Resources" section of the Directory chapter	Costin Savin	09/27/2012 07:28 AM
1498	Core Development	Feature	WIP	Normal	finish/write the "Database" section of the Directory chapter	Costin Savin	09/07/2012 01:19 PM
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
1490	Core Development	Feature	WIP	Normal	cleanup/improve the "Database Setup" chapter	Costin Savin	08/31/2012 01:26 PM
1463	Core Development	Feature	Review	Normal	slides for the "Record Buffer Statements" chapter	Costin Savin	08/09/2012 03:48 AM
1464	Core Development	Feature	Review	Normal	slides for the "Database Record Locking" chapter	Costin Savin	08/09/2012 03:48 AM
1477	Core Development	Feature	Review	Normal	slides for the "Record Selection Criteria" (database) chapter	Costin Savin	08/20/2012 10:17 AM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
1501	Core Development	Feature	Review	Normal	finish/write the "Session Management" section of the Directory chapter	Costin Savin	09/27/2012 12:15 PM
1492	Core Development	Feature	Review	Normal	cleanup/improve the "Data Migration" chapter	Costin Savin	09/03/2012 12:57 PM
1507	Core Development	Feature	Review	Normal	finish/write the "Authentication" section of the Directory chapter	Costin Savin	09/27/2012 12:15 PM
1471	Core Development	Feature	Review	Normal	slides for the Control Flow chapter	Costin Savin	08/16/2012 07:06 AM
1491	Core Development	Feature	Review	Normal	cleanup/improve the "Database Checklists" chapter	Costin Savin	09/03/2012 12:58 PM
1485	Core Development	Feature	Review	Normal	improve/finish the "Application Server Checklist" chapter	Costin Savin	08/24/2012 01:59 PM
1503	Core Development	Feature	Review	Normal	finish/write the "Server and Context Hooks" section of the Directory chapter	Costin Savin	09/19/2012 12:07 PM
1470	Core Development	Feature	Review	Normal	slides for the Process Launching chapter	Costin Savin	08/09/2012 12:34 PM
1460	Core Development	Feature	Review	Normal	slides for the "Events" chapter	Costin Savin	08/09/2012 03:46 AM
1459	Core Development	Feature	Review	Normal	slides for the "Validation" chapter	Costin Savin	08/09/2012 03:47 AM
1483	Core Development	Feature	Review	Normal	improve/finish the "Server Installation" chapter	Costin Savin	08/24/2012 01:59 PM
1484	Core Development	Feature	Review	Normal	improve/finish the "Running the Server" chapter	Costin Savin	09/03/2012 01:13 PM
7722	Base Language	Bug	WIP	Normal	improve performance of equals/not equals when used with character/longchar	Dănuț Filimon	08/24/2023 07:45 AM
6649	Base Language	Feature	Test	Urgent	improve the performance of SourceNameMapper runtime	Dănuț Filimon	12/23/2023 02:34 PM
7647	Database	Bug	New	Normal	Leverage internal H2_ROWID_ with FWD recid	Dănuț Filimon	08/17/2023 03:20 AM
7737	Database	Bug	WIP	Normal	QueryWrapper should either show or throw errors depending on the query type	Dănuț Filimon	08/23/2023 08:54 AM
5307	Database	Bug	WIP	Normal	AdaptiveQuery goes into dynamic mode too aggressively	Dănuț Filimon	11/09/2022 07:36 AM
5355	Database	Feature	WIP	Normal	_Usertablestat metadata improvements	Dănuț Filimon	11/16/2022 05:56 AM
6834	Database	Bug	WIP	Normal	RAQ navigation on records having NULL values on same index components	Dănuț Filimon	07/10/2023 07:18 AM
7991	Database	Bug	WIP	High	use ScrollingResults instead of ProgressiveResults when FORWARD-ONLY mode and database cursors are available.	Dănuț Filimon	02/19/2024 09:21 AM
6713	Database	Support	WIP	Normal	check if it is faster to use separate temp-table instances instead of multiplex id	Dănuț Filimon	10/07/2022 09:11 AM
6385	Database	Bug	WIP	Normal	Problem with conversion of REPOSITION TO ROWID with UNKNOWN literal for rowid	Dănuț Filimon	07/05/2023 03:30 AM
7421	Database	Bug	WIP	Normal	Check only the indexes that were changed when using Validation.checkMaxIndexSize	Dănuț Filimon	07/26/2023 03:29 AM
6628	Database	Feature	WIP	Normal	port PostgreSQL native user defined functions to MariaDB	Dănuț Filimon	02/20/2024 07:57 AM
6709	Database	Support	WIP	Normal	track nested FIND inside a related FOR loop	Dănuț Filimon	01/06/2023 02:51 AM
7496	Database	Bug	WIP	Normal	finish support for query:forward-only attribute	Dănuț Filimon	02/12/2024 02:39 AM
7059	Database	Bug	WIP	Normal	FWD shouldn't raise errors for non-numeric extent indexes.	Dănuț Filimon	06/27/2023 08:04 AM
7567	Database	Bug	WIP	Normal	use Session.PK instead of DatabaseManager.PRIMARY_KEY wherever possible	Dănuț Filimon	11/15/2023 08:23 AM
6708	Database	Support	Review	Normal	track/report at runtime when AdaptiveQuery shifts into dynamic mode	Dănuț Filimon	12/08/2022 05:57 AM
6815	Database	Feature	Review	Normal	configure all cache sizes in the directory, and create documentation for them	Dănuț Filimon	01/12/2024 05:29 AM

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6714	Database	Support	Review	Normal	check if there is an optimization opportunity when copying temp-tables based on multiplex id	Dănuț Filimon	01/26/2024 05:38 AM
7924	Database	Bug	Review	High	add support for creating an empty database	Dănuț Filimon	02/09/2024 10:36 AM
6630	Database	Feature	Test	Normal	optimize return of table parameter	Dănuț Filimon	06/23/2023 03:12 AM
7334	Database	Bug	Test	Normal	Reclaim used sessions to improve performance	Dănuț Filimon	02/12/2024 02:29 AM
7321	Database	Bug	Test	Normal	Improve FWD-H2 wildcard projection	Dănuț Filimon	05/29/2023 02:41 AM
8196	Database	Bug	Test	Normal	Reduce number of AbstractTempTable._hasRecords calls to avoid BufferManager.activeBuffers	Dănuț Filimon	02/01/2024 07:46 AM
8044	Database	Bug	Test	Normal	Fix "Failed direct-access due to Error direct accessing for finding record by unique index" messages	Dănuț Filimon	03/14/2024 03:48 PM
7731	Database	Bug	Test	Normal	performance improvements for FQLPreprocessor	Dănuț Filimon	11/28/2023 09:43 AM
7535	Database	Bug	Test	Normal	Temporary tables require trailing recid component even for unique indexes	Dănuț Filimon	11/07/2023 03:05 AM
8030	Database	Bug	Test	Urgent	unique index violation when creating a record in two sessions	Dănuț Filimon	11/29/2023 03:31 AM
7185	Database	Bug	Test	Normal	H2 in-memory lazy hydration	Dănuț Filimon	07/21/2023 02:39 AM
7174	Database	Bug	Test	Normal	Resolve simple CAN-FIND statements faster	Dănuț Filimon	04/20/2023 07:14 AM
7420	Database	Bug	Test	Normal	Optimize Cursor for scrolling AdaptiveQuery	Dănuț Filimon	11/01/2023 11:29 AM
7388	Database	Bug	Test	Normal	Create server configuration container for cache sizes	Dănuț Filimon	07/18/2023 02:18 PM
8281	Runtime Infrastructure	Bug	Test	Normal	Use CacheManager for DynamicQueryHelper and DynamicValidationHelper	Dănuț Filimon	02/19/2024 03:55 AM
7425	Runtime Infrastructure	Bug	Test	Normal	Avoid directory usage in static blocks	Dănuț Filimon	07/18/2023 07:23 AM
7473	Database	Bug	Review	Normal	rewrite toString() implementation for Dataset, StaticTempTable and TempTableBuilder to be pure-sql and don't rely on WRITE-JSON	Eduard Baci	04/22/2024 09:01 AM
4347	Base Language	Feature	WIP	Normal	add runtime support for STOP-AFTER block option	Eduard Soltan	04/24/2024 08:34 AM
7045	Base Language	Feature	Test	Urgent	re-implement "normal" (non-abend) stack unwinding to avoid throwing an exception	Eduard Soltan	03/21/2024 04:26 AM
6494	Database	Feature	New	Normal	add equivalent support for the -noduptiderror command line parameter	Eduard Soltan	06/26/2023 04:36 AM
7352	Database	Bug	WIP	Normal	Mismatching results when comparing case-insensitive/case-sensitive values between 4GL and FWD	Eduard Soltan	07/11/2023 02:50 AM
8067	Database	Feature	WIP	Normal	investigate adding automatically adding a FIELDS clause for simple record blocks	Eduard Soltan	12/21/2023 11:23 AM
7999	Database	Bug	Review	Normal	FWD does not honor FIELDS/EXCEPT at dynamic queries	Eduard Soltan	02/09/2024 03:59 AM
2503	Conversion Tools	Feature	WIP	Normal	improve ConversionDriver.main() to provide back a return code and/or better handle exceptions so that using it in ant or scripts will provide the caller with failure notification	Eric Faulhaber	11/16/2016 01:14 PM
4932	Conversion Tools	Bug	Test	Normal	Error in reports after upgrade from H2 1.4.197 to 1.4.200	Eric Faulhaber	09/30/2020 09:08 AM
4797	Database	Bug	New	Normal	review Persistence.load, as called by RAQ.executeImpl	Eric Faulhaber	07/20/2020 03:00 PM
6599	Database	Bug	New	Normal	minimal mode conversion problem with DMO name collision	Eric Faulhaber	08/15/2022 01:11 PM
2261	Database	Bug	New	Normal	improve server startup performance	Eric Faulhaber	11/16/2016 12:30 PM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
3315	Database	Bug	WIP	Normal	infinite loop in mark_client_branch during annotations because of nest CAN-FINDs with temp and perm tables	Eric Faulhaber	08/24/2017 11:49 AM
6347	Database	Feature	WIP	Normal	change the name conversion to provide a configurable option to not emit "snake case"	Eric Faulhaber	10/31/2023 04:49 PM
2656	Database	Bug	WIP	Normal	race condition in DynamicTablesHelper	Eric Faulhaber	11/16/2016 12:08 PM
5183	Database	Support	WIP	Normal	database collation	Eric Faulhaber	07/27/2021 12:36 PM
3293	Database	Feature	WIP	Normal	implement metaschema usage from #3257-3	Eric Faulhaber	08/24/2017 09:26 AM
4056	Database	Feature	WIP	Normal	instrument FWD and supporting libraries to measure database performance	Eric Faulhaber	11/02/2022 02:23 PM
6809	Database	Bug	Test	High	find current ... exclusive-lock no-wait. not working	Eric Faulhaber	10/10/2022 05:44 AM
3705	Database	Feature	Test	Normal	custom query/index/field reports	Eric Faulhaber	09/11/2018 12:48 PM
6301	Database	Bug	Test	Normal	incorrect initialization of date-related fields with today and now literals	Eric Faulhaber	10/17/2022 09:16 PM
1926	Database	Feature	Hold	Normal	create an en_GB@p2j_basic locale definition	Eric Faulhaber	05/02/2013 10:31 PM
2222	Database	Bug	Hold	Normal	WRITE event triggered too early	Eric Faulhaber	05/04/2016 09:04 AM
8547	FWD	Support	Review	Normal	Fix documentation for Non-Standard Save Cache Implementation	Eric Faulhaber	05/07/2024 11:21 AM
3325	FWD	Bug	Test	High	Usage of ACCUMULATE and ACCUM with local buffer inside function makes translated code non-compilable	Eric Faulhaber	10/03/2017 03:33 PM
3321	FWD	Bug	Test	Normal	Usage of 'assert' as a symbol name is translated to non-compilable code	Eric Faulhaber	10/03/2017 03:34 PM
8135	Runtime Infrastructure	Bug	New	Normal	replace ScopedDictionary for better performance	Eric Faulhaber	12/21/2023 02:42 PM
8260	User Interface	Bug	Feedback	Normal	treelist sorting column with null and empty string values does not produce correct result	Eric Faulhaber	04/02/2024 05:15 PM
6493	Base Language	Feature	New	Normal	add equivalent support for the command line parameters -ucc and -utf8intatchar	Eugenie Lyzenko	02/02/2024 09:37 AM
8116	Base Language	Bug	New	Normal	SEARCH vs FILE-INFO	Eugenie Lyzenko	12/14/2023 09:29 AM
8139	Base Language	Bug	New	Normal	OS-COMMAND fails on windows if not in "batch mode"	Eugenie Lyzenko	02/02/2024 03:03 AM
5568	Runtime Infrastructure	Support	New	Normal	implement application-specific TERMINFO database overrides	Eugenie Lyzenko	06/22/2023 08:56 AM
6495	User Interface	Feature	New	Normal	add equivalent support for the undocumented -sbhelp command line option	Eugenie Lyzenko	02/05/2024 08:36 AM
7657	User Interface	Bug	New	Normal	8-bit character entry problem in ChUI	Eugenie Lyzenko	05/02/2024 03:51 PM
6978	User Interface	Feature	WIP	Normal	Editor widget performance optimization	Eugenie Lyzenko	12/05/2022 01:54 PM
6676	User Interface	Bug	Review	Normal	BACK-TAB jumps by two widgets at once	Eugenie Lyzenko	08/16/2022 10:34 AM
3853	Base Language	Feature	New	Normal	implement LOG-MANAGER runtime	Galya B	08/07/2023 08:53 AM
6417	Base Language	Feature	WIP	Normal	cleanup some known items in appserver support	Galya B	04/30/2024 08:49 AM
6424	Base Language	Feature	WIP	Normal	fill gaps in Java Open Client replacement (appserver client support)	Galya B	05/03/2024 07:40 AM
6407	Base Language	Feature	Test	Normal	name_map.xml improvements	Galya B	04/30/2024 08:45 AM
4392	Base Language	Feature	Test	Normal	add -pf support for appserver CONNECT() method	Galya B	02/20/2024 09:56 AM
8383	Runtime Infrastructure	Bug	Review	Normal	Some JsonObject methods create a LOG-MANAGER record in silent	Galya B	04/25/2024 04:24 AM



#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
8656	Runtime Infrastructure	Bug	Test	Normal	Dependency de.intarsys.opensource:jPod to be replaced by org.apache.pdfbox:pdfbox	Galya B	05/01/2024 10:42 AM
7635	Runtime Infrastructure	Bug	Test	Normal	RemoteObject defaults to 'tracing' mode	Galya B	08/30/2023 07:27 AM
4853	User Interface	Feature	Test	Normal	implement support for reporting a device-id which is meant to identify a unique client system/browser accessing the FWD server	Galya B	03/13/2024 08:58 AM
6819	Base Language	Feature	New	Normal	refactor FWD proxy implementation to use ReflectASM instead of Java Method reflection	Greg Shah	11/22/2023 03:02 PM
5160	Base Language	Feature	New	Normal	About cast() function support	Greg Shah	03/03/2021 12:30 AM
6640	Base Language	Bug	New	Normal	parsing bug for initial ",0000" for decimal variables or fields	Greg Shah	08/22/2022 04:11 PM
3396	Base Language	Feature	WIP	Normal	shift searchpath and other pathing lists in the directory to use the platform neutral comma	Greg Shah	11/30/2017 05:53 PM
3254	Base Language	Feature	WIP	Normal	add support for running 4GL on multiple threads in a single session	Greg Shah	03/13/2020 03:45 PM
4978	Base Language	Bug	Review	Normal	Static method call in base class	Greg Shah	07/26/2021 10:22 AM
4828	Base Language	Feature	Test	Normal	rework ErrorManager to use the TransactionHelper design on the server and a sync'd state design on the client	Greg Shah	08/20/2020 08:19 PM
7180	Conversion Tools	Feature	New	Normal	create a centralized manager for the conversion list and per-file/project status and logging	Greg Shah	09/26/2023 02:40 PM
7169	Conversion Tools	Feature	New	Normal	drive conversion order using user-specified dependencies	Greg Shah	05/06/2023 09:42 AM
3696	Conversion Tools	Feature	WIP	Normal	implement Progress AST anti-parser	Greg Shah	12/06/2018 08:20 AM
1735	Conversion Tools	Feature	WIP	Normal	leverage lambda expressions (Java 8 "closures") to reduce code bloat	Greg Shah	06/12/2020 11:15 AM
5561	Conversion Tools	Bug	Review	High	Direct Java interface: conversion crashes when an expression is passed as argument to Java call	Greg Shah	07/22/2021 03:06 PM
3316	Conversion Tools	Bug	Test	Normal	String 'termin' is not accepted as a name of variable/field.	Greg Shah	10/03/2017 03:32 PM
1456	Core Development	Feature	WIP	Normal	create training class slides for the developer 1 course	Greg Shah	08/27/2012 12:00 PM
4155	Database	Feature	WIP	Normal	remove conversion dependency on metadata .df file	Greg Shah	06/10/2020 05:33 PM
4065	Base Language	Feature	WIP	Normal	server-side processing of client platform dependencies	Hynek Cihlar	01/12/2024 04:54 AM
6820	Base Language	Feature	Review	Normal	reduce String.toLowerCase and toUpperCase usage and String instances	Hynek Cihlar	02/15/2023 04:17 AM
6817	Base Language	Feature	Test	Normal	replace INSTANTIATING-PROCEDURE and other handle<ExternalProgram> with the actual referent	Hynek Cihlar	01/17/2023 02:35 AM
6863	Build and Source Control	Support	WIP	Normal	implement CI/CD servers and the rules for each set of tests	Hynek Cihlar	04/25/2023 02:38 PM
4029	User Interface	Feature	New	Normal	implement more widget rendering knowledge within the client drivers	Hynek Cihlar	10/14/2020 11:18 AM
5375	User Interface	Bug	New	Normal	Window resizing by mouse dragging problem in WEB client	Hynek Cihlar	05/17/2021 03:06 PM
3232	User Interface	Feature	WIP	Normal	implement WINDOW-STATE attribute support	Hynek Cihlar	12/19/2017 04:17 AM
7742	User Interface	Bug	WIP	Normal	NPE on LinuxKeyboardReader when pressing Escape in ChUI Swing application	Hynek Cihlar	08/23/2023 01:54 PM
7368	User Interface	Bug	Test	Normal	Hotel GUI "Guests Accommodation Report" crashes web version	Hynek Cihlar	05/23/2023 07:20 AM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
4437	User Interface	Bug	Test	Normal	copy, paste and cut functionality don't work as expected	Hynek Cihlar	12/13/2019 04:18 PM
4043	Bugs	Bug	New	Normal	Eclipse static code analysis potential issues	Igor Skorniyakov	04/19/2019 06:06 AM
6459	Database	Feature	New	Normal	query features	Igor Skorniyakov	11/25/2022 05:40 PM
4176	Database	Feature	New	Normal	make certain metadata tables aware of live runtime state	Igor Skorniyakov	07/15/2022 12:18 AM
6454	Database	Feature	Review	Normal	database informational features	Igor Skorniyakov	01/06/2023 02:28 AM
4703	Database	Bug	Hold	High	investigate whether performance of TempTableDataSourceProvider can be improved	Igor Skorniyakov	07/07/2020 03:31 PM
3789	Runtime Infrastructure	Feature	New	Normal	rewrite writeObject and readObject to rely on NativeTypeSerializer or a similar approach	Igor Skorniyakov	07/21/2020 10:27 AM
6084	Runtime Infrastructure	Bug	Test	Normal	NIO SSL performance is slower than standard Java SSL	Igor Skorniyakov	07/14/2022 11:44 AM
2935	User Interface	Bug	New	Normal	Active drop-down disables triggers and WAIT ... PAUSE	Igor Skorniyakov	01/06/2016 10:34 AM
2879	User Interface	Bug	New	Normal	selecting item from the list by mouse in SELECTION-LIST widget is broken	Igor Skorniyakov	02/18/2016 09:04 AM
7960	Database	Feature	Review	Normal	Allow query logs to be collected in a H2 database	Ioana-Cristina Prioteasa	04/23/2024 09:11 AM
6410	Base Language	Feature	WIP	Normal	implement additional built-in OO classes/interfaces	Marian Edu	05/07/2024 03:09 AM
6854	Base Language	Support	WIP	Normal	base language tests	Marian Edu	02/15/2024 12:29 AM
7460	Base Language	Bug	Merge Pending	High	implement Progress.Lang.Class:getMethods	Marian Edu	12/04/2023 03:25 AM
6859	Conversion Tools	Support	New	Normal	preprocessor tests	Marian Edu	10/18/2022 06:57 PM
6861	Conversion Tools	Support	New	Normal	valid and invalid 4GL syntax (parsing)	Marian Edu	03/27/2023 03:59 AM
6860	Conversion Tools	Support	WIP	Normal	lexer tests	Marian Edu	03/27/2023 03:33 AM
6901	Conversion Tools	Bug	Test	Normal	Event handling - ON ANYWHERE	Marian Edu	11/21/2022 01:06 PM
6855	Database	Support	WIP	Normal	database/persistence tests	Marian Edu	11/06/2023 04:23 AM
7337	User Interface	Support	New	Normal	UI - Events	Marian Edu	05/10/2023 06:54 AM
6856	User Interface	Support	New	Normal	user interface tests	Marian Edu	08/07/2023 10:19 AM
6764	User Interface	Feature	Review	Normal	Improve trigger selection for keyboard events.	Marian Edu	12/21/2022 10:35 AM
6053	User Interface	Bug	Review	Normal	Widget realisation	Marian Edu	07/21/2022 11:54 AM
6038	User Interface	Bug	Feedback	Normal	ComboBox setScreenValue improvements	Marian Edu	04/29/2022 05:33 AM
2343	User Interface	Feature	New	Normal	implements a native solution to get system load for remote launcher	Marius Gligor	07/22/2014 02:08 PM
2298	User Interface	Feature	New	Normal	temporary account creation	Marius Gligor	11/16/2016 01:08 PM
4438	User Interface	Feature	WIP	Normal	parsing and conversion of .wrx files	Marius Gligor	02/20/2022 04:16 AM
6389	Base Language	Bug	New	High	LENGTH function with COLUMN option	Ovidiu Maxiniuc	06/07/2022 07:39 AM
2167	Base Language	Feature	New	Normal	add longchar and codepage support	Ovidiu Maxiniuc	08/19/2013 02:09 PM
6482	Base Language	Bug	Test	High	POLY version of ArrayAssigner.assignMulti, when the r-value can be an extent or scalar	Ovidiu Maxiniuc	06/07/2022 07:37 AM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
6412	Base Language	Bug	Test	High	implement BUFFER:KEYS attribute	Ovidiu Maxiniuc	06/01/2022 04:36 PM
5202	Base Language	Bug	Test	Normal	Temp Table serialize-name/xml-node-name	Ovidiu Maxiniuc	04/01/2021 03:24 PM
6401	Base Language	Bug	Test	High	dynamic query can reference any buffer part of the added buffer's dataset	Ovidiu Maxiniuc	06/01/2022 04:33 PM
6402	Base Language	Bug	Test	High	serialize-name for write-/read-json is not working	Ovidiu Maxiniuc	06/01/2022 04:36 PM
5203	Base Language	Bug	Test	Normal	Temp Table - serialization/transaction scope/pk	Ovidiu Maxiniuc	06/13/2021 09:16 PM
6446	Base Language	Bug	Test	High	temp-table:create-like adds add before-table, too	Ovidiu Maxiniuc	06/07/2022 07:37 AM
6384	Base Language	Bug	Test	Normal	dynamic query conversion issues	Ovidiu Maxiniuc	06/01/2022 04:33 PM
6388	Base Language	Bug	Test	High	save-where-string works without the buffer attached to a dataset	Ovidiu Maxiniuc	06/01/2022 04:32 PM
6400	Base Language	Bug	Test	High	ADD-SOURCE-BUFFER can have the fields qualified with the table name	Ovidiu Maxiniuc	06/01/2022 04:33 PM
1690	Bugs	Bug	New	Normal	better exception handling when OS libraries are not found by P2J	Ovidiu Maxiniuc	10/23/2012 05:33 PM
1576	Bugs	Bug	WIP	Normal	Moving ACL items up and down faulty in admin applet	Ovidiu Maxiniuc	10/15/2012 09:50 AM
1575	Bugs	Bug	WIP	Normal	Move ACL instance fail	Ovidiu Maxiniuc	10/05/2012 11:54 AM
1450	Bugs	Bug	WIP	Normal	comment conversion fail	Ovidiu Maxiniuc	10/24/2012 10:42 AM
3225	Conversion Tools	Feature	WIP	Normal	windows vs linux in p2j.cfg.xml	Ovidiu Maxiniuc	11/30/2020 03:01 PM
6255	Conversion Tools	Feature	WIP	Normal	simplify the namespace configuration, part deux	Ovidiu Maxiniuc	04/26/2022 08:52 AM
1479	Core Development	Feature	Review	Normal	improve and finish the "Bootstrap Configuration" chapter	Ovidiu Maxiniuc	09/27/2012 09:56 AM
1495	Core Development	Feature	Review	Normal	write the "Build P2J from Source Code" chapter	Ovidiu Maxiniuc	09/27/2012 10:00 AM
1494	Core Development	Feature	Review	Normal	cleanup/improve the "Software Dependencies" chapter	Ovidiu Maxiniuc	09/27/2012 09:57 AM
1502	Core Development	Feature	Review	Normal	finish/write the "Administration Console" section of the Directory chapter	Ovidiu Maxiniuc	09/27/2012 09:58 AM
1506	Core Development	Feature	Review	Normal	finish/write the "Access Control Lists" section of the Directory chapter	Ovidiu Maxiniuc	09/27/2012 09:58 AM
1499	Core Development	Feature	Review	Normal	finish/write the "Logging" section of the Directory chapter	Ovidiu Maxiniuc	09/27/2012 09:57 AM
1480	Core Development	Feature	Review	Normal	improve/finish the "Client Install" chapter	Ovidiu Maxiniuc	09/27/2012 10:00 AM
1482	Core Development	Feature	Review	Normal	improve/finish the "Running the Client" chapter	Ovidiu Maxiniuc	09/27/2012 09:59 AM
1481	Core Development	Feature	Review	Normal	improve/finish the "Client Checklist" chapter	Ovidiu Maxiniuc	09/27/2012 09:59 AM
2536	Database	Bug	New	Low	improve dynamic query parser error handling	Ovidiu Maxiniuc	11/16/2016 01:21 PM
4917	Database	Bug	New	Normal	eliminate redundant ORDER BY elements in multi-table queries	Ovidiu Maxiniuc	10/01/2020 01:16 PM
6507	Database	Feature	New	Normal	cross-database joins	Ovidiu Maxiniuc	09/09/2022 12:23 AM
3243	Database	Bug	New	Low	possible mismatch in runtime sequence definition and retrieval	Ovidiu Maxiniuc	02/07/2017 12:08 PM
4516	Database	Feature	New	Normal	testing and completion of runtime compatibility for table/table-handle/dataset/dataset-handle parameter options	Ovidiu Maxiniuc	09/13/2023 08:17 AM
6502	Database	Bug	WIP	High	DATASET:CREATE-LIKE copies temp-table options (like XML-NODE-NAME), while TEMP-TABLE:CREATE-LIKE does not	Ovidiu Maxiniuc	07/07/2022 12:45 PM
3757	Database	Feature	WIP	Normal	add metadata support	Ovidiu Maxiniuc	05/08/2020 03:20 AM
6703	Database	Bug	WIP	Normal	loading schema table DMO interface with no defined fields	Ovidiu Maxiniuc	10/05/2022 02:21 PM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
4796	Database	Bug	WIP	Normal	locking regression in RAQ introduced with the FFC	Ovidiu Maxiniuc	07/21/2020 02:37 AM
5289	Database	Bug	WIP	Normal	Misc. problems with triggers	Ovidiu Maxiniuc	06/14/2021 06:15 PM
6442	Database	Feature	WIP	High	missing encoding/collation features	Ovidiu Maxiniuc	12/21/2023 12:39 PM
4033	Database	Feature	WIP	Normal	avoid query for FIND unique when the current record in the buffer would match the query result	Ovidiu Maxiniuc	07/22/2020 05:20 PM
3296	Database	Feature	WIP	Normal	misc db features	Ovidiu Maxiniuc	04/06/2018 01:15 PM
4690	Database	Feature	WIP	Normal	re-integrate dirty share logic into new persistence implementation	Ovidiu Maxiniuc	06/18/2020 04:52 PM
4323	Database	Feature	WIP	Normal	parse full FQL statements and convert them to SQL	Ovidiu Maxiniuc	10/24/2019 10:19 AM
5322	Database	Bug	WIP	Low	FqlToSqlConverter fails to identify property	Ovidiu Maxiniuc	05/07/2021 02:05 PM
4514	Database	Feature	WIP	Normal	run ProDataSet test suite in FWD and resolve any issues such that it works the same way as in the 4GL	Ovidiu Maxiniuc	09/13/2023 08:18 AM
6348	Database	Feature	WIP	Normal	implement support for MariaDB	Ovidiu Maxiniuc	02/03/2023 10:50 AM
2312	Database	Feature	WIP	Normal	match Progress collation in a SQL Server database	Ovidiu Maxiniuc	01/19/2017 05:53 PM
5625	Database	Bug	WIP	Normal	changing a before-table reserved field does not flush the change in the after-table	Ovidiu Maxiniuc	09/13/2021 10:55 AM
3647	Database	Bug	WIP	Normal	incorrect hql and incorrect sql generated for nested CAN-FIND	Ovidiu Maxiniuc	07/20/2018 09:30 AM
5491	Database	Feature	WIP	Normal	custom locale/collation implementations	Ovidiu Maxiniuc	09/01/2021 10:58 AM
6577	Database	Bug	Review	Normal	move RecordBuffer.ooFields at the DMO meta	Ovidiu Maxiniuc	07/20/2022 04:51 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
7113	Database	Bug	Review	Normal	Problem with nested CAN-FIND conversion	Ovidiu Maxiniuc	11/29/2023 11:56 AM
7020	Database	Feature	Review	Normal	always use "expanded" extent fields	Ovidiu Maxiniuc	01/24/2024 09:28 PM
5013	Database	Bug	Test	Normal	Collision of java names with SQL keywords	Ovidiu Maxiniuc	12/07/2020 04:58 PM
6485	Database	Bug	Test	High	tracking-changes can be set if a temp-table has at least a buffer attached to a dataset	Ovidiu Maxiniuc	07/06/2022 02:17 PM
7467	Database	Bug	Test	Normal	join on meta table	Ovidiu Maxiniuc	07/17/2023 12:26 PM
4722	Database	Feature	Test	Normal	data import should be able to run with only the converted application jar file (and FWD)	Ovidiu Maxiniuc	01/23/2024 12:28 PM
6478	Database	Bug	Test	High	validate arguments for DYNAMIC-CURRENT-VALUE, DYNAMIC-SET-VALUE and DYNAMIC-NEXT-VALUE	Ovidiu Maxiniuc	06/02/2022 05:35 PM
6524	Database	Bug	Test	High	BUFFER-COPY does not create a record in the before-table	Ovidiu Maxiniuc	06/17/2022 06:11 AM
7120	Database	Bug	Test	Normal	NO-UNDO dynamic temp-table does not set the NO-UNDO at the .schema	Ovidiu Maxiniuc	02/15/2023 03:58 AM
7645	Database	Bug	Test	High	Simplify _meta database initialization by removing <schema>.meta.xml resource	Ovidiu Maxiniuc	03/19/2024 08:43 PM
5801	Database	Bug	Feedback	Normal	write-xml is not using XML-NODE-NAME for the temp-table	Ovidiu Maxiniuc	11/02/2021 07:03 PM
5799	Database	Bug	Feedback	Normal	write-xml doesn't serialize the prods:id attributes and the deleted fields for before-table	Ovidiu Maxiniuc	11/02/2021 07:42 PM
4945	Database	Bug	Feedback	Normal	Optimize indexes for H2 dialect	Ovidiu Maxiniuc	05/11/2021 06:34 PM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
3226	Runtime Infrastructure	Feature	WIP	Normal	change p2j to fwd in names, filenames, paths, environment variables et al	Ovidiu Maxiniuc	01/27/2017 01:11 PM
2990	Database	Bug	New	Normal	inconsequent field names in shared temp-tables	Paul E	02/11/2016 11:18 AM
7211	Database	Bug	WIP	Normal	Several H2 connections for one single session	Radu Apetrii	06/01/2023 08:30 AM
6695	Database	Feature	WIP	Normal	Multi-table preselect query may underperform due to repetitive fetching	Radu Apetrii	11/09/2022 12:47 PM
8459	Database	Bug	WIP	Normal	investigate changing H2 to allow NULL to equal NULL (and the impact on the other compare operators)	Radu Apetrii	03/25/2024 02:53 AM
6923	Database	Bug	WIP	Normal	inner transaction block reverts too much	Radu Apetrii	11/23/2022 06:20 AM
7066	Database	Feature	WIP	Normal	Implement multi-table indexed query in H2	Radu Apetrii	12/19/2023 09:59 AM
7132	Database	Bug	WIP	Normal	Eliminate for-each loops and lambda in FWD-H2 code	Radu Apetrii	02/27/2023 08:45 AM
7474	Database	Bug	WIP	Normal	FindQuery provides the wrong result because the record is not updated in the database	Radu Apetrii	03/15/2024 01:30 PM
6418	Database	Feature	WIP	Normal	represent extent fields as arrays	Radu Apetrii	11/17/2022 12:02 PM
7252	Database	Bug	WIP	Normal	Use direct-access to support for-each queries without WHERE and BY clauses	Radu Apetrii	02/08/2024 09:01 AM
7403	Database	Bug	Review	Normal	Copy-temp-table with replace-mode should replace already inserted records	Radu Apetrii	08/23/2023 03:33 AM
6816	Database	Feature	Internal Test	Normal	improve PreselectQuery.assembleHQL	Radu Apetrii	01/19/2024 05:15 AM
7194	Database	Feature	Test	Normal	Avoid generating an ORDER-BY clause if not required	Radu Apetrii	07/21/2023 10:51 AM
7323	Database	Feature	Test	Urgent	Implement soft unique index in FWD-H2	Radu Apetrii	03/21/2024 08:43 AM
7329	Database	Bug	Test	Normal	improve FieldReference resolution of getter/setter/extent accessors	Radu Apetrii	05/29/2023 09:43 AM
7488	Database	Bug	Test	Normal	Slow fast-copy with before tables in H2	Radu Apetrii	09/11/2023 05:55 AM
7416	Database	Feature	Test	Normal	Reiterate DatabaseStatistics and leverage to other database profiling tools	Radu Apetrii	01/05/2024 04:04 AM
8012	User Interface	Bug	WIP	Normal	Fix combo-box corner cases	Radu Apetrii	11/22/2023 05:25 AM
8239	User Interface	Bug	WIP	Normal	SELECTION-LIST set SCREEN-VALUE regression from trunk rev. 14821	Radu Apetrii	02/05/2024 07:08 AM
4628	Base Language	Bug	New	Normal	redirection doesn't seem to close an output stream on a block retry	Roger Borrello	01/18/2022 09:14 AM
7342	Build and Source Control	Support	New	Normal	evolve testcases project configuration and scripting to simplify, standardize and automate setup	Roger Borrello	05/10/2023 01:03 PM
3303	Runtime Infrastructure	Support	WIP	Normal	make the automated deployment process fully production ready	Roger Borrello	01/09/2024 09:21 AM
4618	User Interface	Bug	New	Normal	Default location of dialog box title is left justified instead of centered	Roger Borrello	04/29/2020 12:01 PM
8353	User Interface	Bug	WIP	Normal	Fully support stanza INI LOAD/USE/UNLOAD scenarios	Roger Borrello	04/20/2024 11:01 AM
5587	User Interface	Bug	WIP	Normal	Decimal format not handled properly	Roger Borrello	08/06/2021 03:48 PM
3565	Runtime Infrastructure	Feature	WIP	High	provide better support for file system access across platforms	Sergey Ivanovskiy	05/29/2018 04:03 PM
2759	User Interface	Bug	New	Normal	the key input becomes frozen (no deadlock) if the keys are pressed rapidly	Sergey Ivanovskiy	11/16/2016 12:23 PM
4837	User Interface	Feature	WIP	Normal	Add javascript keyboard test application for the virtual desktop	Sergey Ivanovskiy	07/25/2022 09:34 AM
2673	User Interface	Feature	WIP	Normal	support a kind of virtual desktop in the GUI web client	Sergey Ivanovskiy	10/16/2018 12:53 PM
5045	User Interface	Bug	WIP	High	Message area becomes unchanged if its window is resizing	Sergey Ivanovskiy	12/28/2020 01:54 PM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
6267	User Interface	Bug	Review	High	StackOverflowError in BROWSE widget	Sergey Ivanovskiy	05/02/2022 06:46 AM
4135	User Interface	Bug	Review	Normal	high dpi screens display in low dpi	Sergey Ivanovskiy	06/06/2020 12:15 PM
6821	Base Language	Feature	WIP	Normal	java collection performance	Stanislav Lomany	03/03/2023 07:00 AM
14	Bugs	Bug	New	Normal	cursor on an invisible frame	Stanislav Lomany	02/09/2012 12:00 PM
1899	Core Development	Support	New	Normal	document the recent changes related to dynamic reloading of jar files	Stanislav Lomany	11/01/2012 06:46 PM
2896	Database	Bug	New	Normal	Close dynamically defined query when an underlying buffer is closed	Stanislav Lomany	03/28/2016 03:06 PM
4057	Database	Bug	New	Normal	h2 performance degradation	Stanislav Lomany	01/23/2024 04:31 PM
1308	Database	Bug	WIP	Normal	dirty share - related abend	Stanislav Lomany	11/08/2012 05:54 PM
4022	Database	Feature	WIP	Normal	upgrade to a newer PostgreSQL release	Stanislav Lomany	10/08/2021 01:17 PM
6457	Database	Feature	WIP	Normal	finish COPY-LOB support	Stanislav Lomany	10/17/2022 10:33 AM
2207	Database	Feature	WIP	Normal	Remaining issues for dynamic buffers and dynamic tables	Stanislav Lomany	07/31/2014 11:01 AM
2955	Database	Bug	WIP	Normal	Update records participating in a scrolling adaptive query.	Stanislav Lomany	04/25/2016 02:16 PM
7037	Database	Feature	Test	Normal	remove dirty share manager	Stanislav Lomany	05/31/2023 03:24 PM
5068	Runtime Infrastructure	Bug	WIP	Normal	error-status:error is invalid	Stanislav Lomany	01/07/2021 07:55 AM
7907	User Interface	Bug	New	Normal	Browse row-leave handler not called after apply entry in FWD	Stanislav Lomany	10/16/2023 04:27 AM
3082	User Interface	Feature	New	Normal	finish [NO-]SCROLLBAR-VERTICAL and NUM-ITERATIONS runtime support	Stanislav Lomany	11/16/2016 12:23 PM
2630	User Interface	Feature	New	Normal	Add ability to save new rows in browse.	Stanislav Lomany	04/05/2016 11:17 AM
6636	User Interface	Bug	WIP	Normal	Unwanted selection due to direct manipulation	Stanislav Lomany	07/25/2022 11:44 AM
3880	User Interface	Feature	WIP	Normal	enhanced browse 3rd phase of improvements	Stanislav Lomany	08/02/2021 03:23 PM
4164	User Interface	Feature	WIP	Normal	implement misc UI features (frame options, misc attributes)	Stanislav Lomany	05/04/2021 02:45 PM
5245	User Interface	Bug	Review	Normal	BrowseColumnWidget.getScreenValue(): incorrect handling of an unknown value	Stanislav Lomany	04/24/2021 06:15 PM
7946	User Interface	Bug	Test	Normal	Default selection and current browse row color differs for different customers applications	Stanislav Lomany	11/17/2023 07:18 AM
6431	Base Language	Feature	WIP	Normal	implement support to allow CPINTERNAL set to UTF-8 and CP936	Theodoros Theodorou	03/29/2024 06:16 AM
6422	Base Language	Feature	WIP	Normal	implement auditing support including AUDIT-POLICY and AUDIT-CONTROL	Theodoros Theodorou	04/29/2024 04:39 PM
6420	Base Language	Feature	Review	Normal	implement the AUDIT-ENABLED() built-in function	Theodoros Theodorou	08/11/2023 10:55 AM
1554	Harness	Feature	WIP	Normal	enhance the command-line to provide better user feedback on the state of testing	Tomasz Domin	01/20/2023 02:27 PM
6677	Harness	Feature	Review	Normal	Performance test mode	Tomasz Domin	02/22/2024 02:25 AM
7608	Harness	Bug	Feedback	Normal	Features supporting regression testing	Tomasz Domin	09/29/2023 03:56 PM
7799	Runtime Infrastructure	Feature	WIP	Normal	automated vulnerability scanning	Tomasz Domin	04/17/2024 02:04 PM
6692	Runtime Infrastructure	Feature	Internal Test	Normal	move FWD to Java 17	Tomasz Domin	05/09/2024 07:58 AM
5776	Runtime Infrastructure	Feature	Test	Normal	reduce memory requirements for the FWD client	Tomasz Domin	10/17/2022 09:50 AM
7879	User Interface	Bug	WIP	Normal	Cursor isn't positioned right when FILL-IN split on multiple lines	Tomasz Domin	10/17/2023 04:41 AM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
5742	User Interface	Feature	Test	Normal	improve web client startup time	Tomasz Domin	06/20/2022 08:45 AM
2162	User Interface	Feature	New	Normal	add support for CURRENT-ITERATION attribute (for widget objects)	Vadim Gindin	10/29/2021 02:47 PM
2557	User Interface	Bug	New	Low	Fix MENUBAR layouting in a window	Vadim Gindin	11/16/2016 02:37 PM
3056	User Interface	Bug	New	Normal	Mouse pointer issues for menus	Vadim Gindin	04/21/2016 01:27 AM
2482	Database	Bug	WIP	Normal	conversion of FIND does not honor NO-LOCK when specified early	Vadim Nebogotov	04/19/2016 11:31 AM
8309	Base Language	Bug	New	Normal	Do the error handling for r-index and extend implementation to INDEX and LONGCHAR	Vladimir Tsichevski	02/22/2024 03:18 AM
6993	Base Language	Bug	Review	Normal	OO: incorrect field names in DataTypeEnum.java	Vladimir Tsichevski	12/14/2022 07:42 AM
7184	Base Language	Bug	Review	Normal	Incorrect conversion of concatenated string literals to a LONGCHAR	Vladimir Tsichevski	09/18/2023 03:11 PM
7175	Base Language	Bug	Review	Normal	substitute: incorrect handling of unknown longchar values	Vladimir Tsichevski	03/07/2023 04:51 AM
8579	Base Language	Bug	Test	Normal	Unit and OJUnit conversion: ignore annotations from other framework	Vladimir Tsichevski	04/04/2024 05:26 PM
6302	Conversion Tools	Feature	WIP	Low	Improve conversion of empty OCX arguments	Vladimir Tsichevski	05/02/2022 10:26 AM
6767	Database	Bug	Review	Normal	Possible name clashes in DMO classes	Vladimir Tsichevski	12/25/2023 07:04 AM
8206	Runtime Infrastructure	Bug	Review	Normal	Logging manager issues	Vladimir Tsichevski	05/06/2024 02:52 AM
5118	User Interface	Bug	WIP	Normal	TREELIST widget issues	Vladimir Tsichevski	07/19/2022 10:44 AM
7646	User Interface	Bug	WIP	Normal	FILL-IN: NPE during the PASTE of non-text clipboard contents	Vladimir Tsichevski	07/31/2023 07:20 AM
5622	User Interface	Bug	WIP	Normal	TREEVIEW widget issues	Vladimir Tsichevski	07/20/2022 05:01 PM
5989	User Interface	Bug	WIP	Normal	MESSAGE SET: empty string is treated as undefined	Vladimir Tsichevski	01/20/2022 08:22 AM
4841	User Interface	Bug	Review	Normal	com-handle to handle automatic input parameter conversion	Vladimir Tsichevski	08/05/2020 02:02 PM
5073	User Interface	Bug	Review	Normal	NPE in ComboBoxGuiImpl	Vladimir Tsichevski	01/14/2021 02:04 PM
4221	User Interface	Bug	Review	Normal	Error in BaseEntity class	Vladimir Tsichevski	08/28/2019 05:42 PM
8261	User Interface	Bug	Internal Test	Normal	REGRESSION: delete selection works incorrectly for a left-aligned decimal FILL-IN	Vladimir Tsichevski	02/09/2024 01:17 PM
8446	User Interface	Bug	Test	Normal	REGRESSION: incorrect return value in ThinClient.waitForEvent	Vladimir Tsichevski	03/13/2024 07:56 PM
8210	User Interface	Bug	Test	Normal	REGRESSION: separator should not show in date editing FILL-IN in ChUI when FILL-IN is cleared	Vladimir Tsichevski	01/30/2024 09:14 AM
5280	User Interface	Bug	Test	Normal	TREEVIEW: Vertical rollover feature: assure TREEVIEW is compatible with MS Treeview control	Vladimir Tsichevski	09/03/2021 07:59 AM
6490	Base Language	Feature	New	Normal	DYNAMIC-INVOKE which returns an extent		06/05/2022 02:56 PM
6500	Base Language	Feature	New	Normal	add equivalent support for -nb command line option		06/07/2022 10:53 AM
6974	Base Language	Bug	New	Normal	NPE at OpenEdge.Core.Class.IsInterface		12/01/2022 07:52 AM
6498	Base Language	Feature	New	Normal	add equivalent support for the -errorstack command line option		06/06/2022 12:34 PM
6489	Base Language	Support	New	Normal	port tests of the Open Java Client to the Open .NET Client		06/05/2022 10:41 AM
2154	Base Language	Bug	New	Normal	Date arithmetics and Gregorian gap		05/24/2013 02:43 PM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
6506	Base Language	Feature	New	Normal	implement CGI WebSpeed support and the standard web-disp.p dispatch functionality		06/09/2022 02:24 AM
6623	Base Language	Bug	New	Normal	validate the memptr bytes in "copy-lob from memptr to clob/longchar" statement		07/21/2022 03:08 AM
4061	Base Language	Support	New	Normal	base language performance work		08/01/2022 10:22 AM
4433	Base Language	Bug	New	Normal	Problem with text concat		12/03/2019 01:43 PM
6488	Base Language	Support	New	Normal	write tests which use Java Open Client to access the appserver testcases		01/31/2024 07:25 AM
2151	Base Language	Bug	New	Normal	problems honoring errors raised when NO-ERROR clause is present		05/15/2013 12:06 PM
6904	Base Language	Bug	New	Normal	fix TRANSACTION block issues		11/02/2022 08:54 AM
2105	Base Language	Bug	New	Normal	BlockManager does not return some datatypes correctly		04/12/2013 06:04 AM
4992	Base Language	Bug	New	Normal	File lock with JSON Parse/Write File		11/04/2020 06:01 AM
3164	Base Language	Feature	New	Normal	missing undoable behaviour with global vars and persistent procedures		08/09/2016 09:20 AM
4852	Base Language	Bug	New	Normal	ErrorManager throws 'invalid' ErrorConditionException		08/12/2020 07:50 AM
6822	Base Language	Feature	New	Normal	performance of the FWD proxy implementation		10/06/2022 04:27 AM
2659	Base Language	Bug	New	Normal	memptr in internal procedure address duplication		08/24/2015 04:48 PM
2637	Base Language	Bug	New	Normal	batch client needs to detect if the client process has output redirected and change error handling		02/04/2016 07:50 AM
3596	Base Language	Bug	New	Normal	MESSAGE statement must emit lambda expressions for its components.		05/30/2018 07:13 AM
6811	Base Language	Bug	New	Normal	ERROR conditions converted to structured OO exceptions are not logged in OE		10/05/2022 12:10 PM
6693	Base Language	Bug	New	Normal	StringFormat fixes - finish up and merge branch 4880a b c		08/23/2022 01:56 AM
2658	Base Language	Bug	New	Normal	MESSAGE statement expressions that evaluate to a HANDLE are improperly processed		08/24/2015 03:39 PM
5201	Base Language	Bug	New	Normal	fix issues related to the error messages reported for invalid date/datetime/datetime-tz literals		03/15/2021 04:45 PM
6451	Base Language	Feature	New	Normal	I18N phase 4		05/27/2022 10:08 AM
4602	Base Language	Bug	New	Normal	fixes for OO 4GL and structured error handling		06/02/2022 03:45 PM
7345	Base Language	Bug	New	Normal	The memptr deallocation attempt after the connection to client is interrupted/suspended		05/11/2023 06:08 AM
6452	Base Language	Feature	New	Normal	add support for languages		05/27/2022 10:24 AM
6432	Base Language	Feature	New	Normal	implement the WEB special stream		05/26/2022 08:15 PM
2505	Base Language	Feature	New	Normal	SEARCH and loading of static resources from the server-side application jar		11/16/2016 01:21 PM
6433	Base Language	Feature	New	Normal	implement WEB-CONTEXT system handle		05/26/2022 08:47 PM
3480	Base Language	Bug	New	Normal	PUT STREAM statement uses SKIP modifier to complete a line output		02/21/2018 10:18 AM
5104	Base Language	Bug	New	Normal	Cannot cast integer input parameter to dynamic function character parameter		01/28/2021 11:14 AM
4767	Base Language	Bug	New	Normal	memptr set-size() issue		07/15/2020 02:56 PM
2106	Base Language	Bug	New	Normal	Missing runtime error messages in P2J		04/03/2013 06:08 AM



#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
4373	Base Language	Feature	New	Normal	finish core OO 4GL support		10/30/2019 09:53 AM
4032	Base Language	Support	New	Normal	block/transaction processing context-local and other performance improvements		08/31/2023 06:34 AM
4374	Base Language	Feature	New	Normal	parameter validation for Progress.Lang.Class.invoke and new		10/30/2019 09:54 AM
6430	Base Language	Feature	New	Normal	implement features dependent upon CPCOLL/CPCASE		06/08/2022 09:34 PM
4764	Base Language	Feature	New	Normal	make modifications to FWD so that all I18N testcases work properly		07/15/2020 02:21 PM
6428	Base Language	Feature	New	Normal	implement IS-LEAD-BYTE() built-in function		09/13/2023 08:16 AM
1853	Base Language	Support	New	Normal	update the base language portions of the Conversion Reference		11/16/2016 01:31 PM
4765	Base Language	Feature	New	Normal	MAP/NO-MAP support		07/15/2020 02:45 PM
6429	Base Language	Feature	New	Normal	implement I18N tests and fix issues to make the tests work		05/26/2022 07:41 PM
6427	Base Language	Feature	New	Normal	finish the COMPARE built-in function		05/26/2022 06:51 PM
2511	Base Language	Bug	New	Normal	timestamp instance oddity when assigning to a datetime		11/16/2016 12:23 PM
6416	Base Language	Feature	New	Normal	explore and implement ideas to make OO 4GL more efficient		10/06/2022 10:01 AM
6373	Base Language	Feature	New	Normal	direct Java object access to converted Java code from in-JVM non-converted Java code		06/15/2022 05:37 PM
6423	Base Language	Feature	New	Normal	finish authentication features (some missing security items related to SECURITY-POLICY and CLIENT-PRINCIPAL)		05/26/2022 03:41 PM
6434	Base Language	Bug	New	Normal	unknown stream reference errors in post-parse-fixups		05/26/2022 08:59 PM
2225	Base Language	Feature	New	Normal	implement ssl and async related connection options for web services		01/10/2014 09:00 AM
2182	Base Language	Bug	New	Normal	HANDLE attribute doesn't convert properly in "h:handle:<attr/method>" cases		09/17/2013 07:33 AM
4766	Base Language	Bug	New	Normal	fix CHR and ASC		04/05/2023 12:43 PM
6814	Base Language	Feature	New	Normal	JMX instrumentation for FWD core, persistence and ORM layers		10/31/2022 05:57 AM
4149	Base Language	Bug	New	Normal	BlockManager and TransactionManager handle TransactionType.NONE incorrectly		10/31/2022 10:30 AM
2527	Base Language	Bug	New	Normal	after ENDKEY (F4) the server-side screen buffer needs to be updated		11/16/2016 12:23 PM
2429	Base Language	Bug	New	Normal	fix null character handling		10/27/2014 02:17 PM
5146	Base Language	Feature	New	Normal	record additional legacy class and method data in annotations		02/21/2021 11:28 AM

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