

## Issues

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
3892	Conversion Tools	Bug	New	Normal	3750a core coversion performance regression		01/21/2019 10:00 AM
3891	Conversion Tools	Bug	New	Normal	3750a regression in comment attachment		01/17/2019 04:29 AM
8306	User Interface	Support	New	Normal	3-button mouse to portable mouse mapping?		03/05/2024 12:35 PM
5613	Base Language	Bug	New	Normal	4GL built-in functions throw IllegalArgumentException		08/20/2021 12:07 PM
2599	User Interface	Bug	New	Normal	4GL makes selection invalid after row deletion		06/26/2015 07:13 PM
5300	User Interface	Bug	New	Normal	4GL quirk about assigning SCREEN-VALUE in an editable browse		04/30/2021 02:53 PM
3163	User Interface	Bug	New	Normal	4GL quirk: browse becomes unusable when an incompatible query is assigned		08/11/2016 06:02 PM
7657	User Interface	Bug	New	Normal	8-bit character entry problem in ChUI	Eugenie Lyzenko	05/02/2024 03:51 PM
8676	Base Language	Feature	New	Normal	ABLUnit assert error messages are different in different OE versions		04/26/2024 04:40 AM
8138	Base Language	Feature	New	Normal	ABLUnit configuration using environment variables		12/20/2023 01:21 PM
7709	User Interface	Feature	New	Normal	ABLUnit support for web clients		08/23/2023 10:15 AM
5160	Base Language	Feature	New	Normal	About cast() function support	Greg Shah	03/03/2021 12:30 AM
6227	Runtime Infrastructure	Bug	New	Normal	AcmeClient - unsupported Challenge Type		03/31/2022 12:46 PM
2109	Conversion Tools	Bug	New	Normal	a comment that is the first node in a block doesn't have a new-line after it		01/25/2021 05:14 PM
3175	User Interface	Bug	New	Normal	a created dynamic widget is not always added to its parent's field group		09/01/2016 03:16 PM
2935	User Interface	Bug	New	Normal	Active drop-down disables triggers and WAIT ... PAUSE	Igor Skornyakov	01/06/2016 10:34 AM
5307	Database	Bug	WIP	Normal	AdaptiveQuery goes into dynamic mode too aggressively	Dănuț Filimon	11/09/2022 07:36 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
5802	Database	Bug	New	Normal	a date temp-table field gets assigned to incorrect date		11/09/2021 12:14 PM
3283	User Interface	Feature	New	Normal	add 4GL extension to obtain the mouse pointer location		02/16/2021 08:45 AM
5401	User Interface	Feature	New	Normal	add 4GL syntax option to SYSTEM-DIALOG GET-FILE to lock the user into a given root path		06/03/2021 11:02 AM
6372	Database	Feature	New	Normal	add a 4GL syntax extension to drop a database table while the database is online/the application is connected		05/17/2022 09:58 AM
2630	User Interface	Feature	New	Normal	Add ability to save new rows in browse.	Stanislav Lomany	04/05/2016 11:17 AM
5262	Runtime Infrastructure	Feature	New	Normal	add access control for resources exposed via web services/protocols using the SecurityManager		04/22/2021 10:11 AM
3070	User Interface	Feature	New	Normal	add a dedicated bootstrap config for the non-decorated window mode		04/19/2016 10:58 AM
1545	Harness	Feature	New	Normal	add a GUI for running the harness		09/18/2012 06:04 PM
6408	Conversion Tools	Feature	New	Normal	add and fix some Analytics reports		05/25/2022 12:37 PM
8062	TRPL	Feature	WIP	Normal	add a SWITCH rule in TRPL	Constantin Asofiei	12/01/2023 05:38 PM
1544	Harness	Feature	New	Normal	add a test recording GUI		09/18/2012 06:04 PM
1550	Harness	Feature	New	Normal	add certificate-based SSH2 transport support		09/18/2012 06:08 PM

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5151	User Interface	Feature	WIP	Normal	Add complete support for tree-list OCX triggers	Adrian Lungu	09/08/2021 06:16 PM
1551	Harness	Feature	New	Normal	add control flow directives		09/18/2012 06:10 PM
1712	Conversion Tools	Feature	New	Normal	add ControlSetItem(String) and ControlSetItem(character) constructors		11/16/2016 12:46 PM
1585	Database	Feature	New	Normal	add conversion and runtime support for word indexes		03/29/2021 12:06 AM
3253	Base Language	Feature	WIP	Normal	add cross-session publish/subscribe	Constantin Asofiei	09/03/2019 02:10 PM
3344	Conversion Tools	Feature	New	Normal	add database reports based on processing during conversion		09/28/2017 12:11 PM
1563	Harness	Feature	New	Normal	add database table comparisons (similar to how we compare screens or reports)		09/18/2012 06:46 PM
1543	Harness	Feature	New	Normal	add deadlock safety code for concurrent dependencies		09/18/2012 06:00 PM
6500	Base Language	Feature	New	Normal	add equivalent support for -nb command line option		06/07/2022 10:53 AM
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
6498	Base Language	Feature	New	Normal	add equivalent support for the -errorstack command line option		06/06/2022 12:34 PM
6494	Database	Feature	New	Normal	add equivalent support for the -noduptidxerror command line parameter	Eduard Soltan	06/26/2023 04:36 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
6496	Database	Feature	Test	High	add equivalent support for -trig command line option	Alexandru Donica	02/02/2024 11:36 AM
1549	Harness	Feature	New	Normal	add FTP support directives (the same approach as with SFTP)		09/18/2012 06:08 PM
2136	Base Language	Feature	New	Normal	add hashing and encryption built-in functions to SecurityOps		04/25/2013 04:50 PM
1739	Conversion Tools	Feature	New	Normal	add hints/features for better control over comment conversion		09/06/2018 05:25 PM
2	Harness	Feature	New	Normal	add hyperlink to the exact failed step details for each test failure in the test plan and test set index.html documents		04/03/2012 02:57 PM
2927	User Interface	Feature	New	Normal	add I18N features to the default popup menu for editable widgets		12/12/2015 06:42 AM
3019	User Interface	Feature	New	Normal	Add icons support to menu items		11/13/2019 11:52 AM
4644	Conversion Tools	Feature	New	Normal	add incremental reporting support		05/14/2020 04:12 PM
2598	User Interface	Bug	New	Normal	Adding new row in REPLACE mode causes quirk		06/26/2015 04:12 PM
5673	Database	Bug	New	Normal	Additional support for INDEXED REPOSITION open query attribute		07/18/2022 12:28 PM
4837	User Interface	Feature	WIP	Normal	Add javascript keyboard test application for the virtual desktop	Sergey Ivanovskiy	07/25/2022 09:34 AM
6871	Runtime Infrastructure	Feature	New	Normal	add JMX instrumentation to monitor the appserver agents		10/31/2022 12:10 PM
3703	Conversion Tools	Feature	New	Normal	add lint reports		08/28/2018 10:07 AM
2167	Base Language	Feature	New	Normal	add longchar and codepage support	Ovidiu Maxiniuc	08/19/2013 02:09 PM
3757	Database	Feature	WIP	Normal	add metadata support	Ovidiu Maxiniuc	05/08/2020 03:20 AM
5630	Conversion Tools	Feature	New	Normal	add missing classes referenced during parsing to the conversion list in file list mode		08/31/2021 07:27 AM
7675	Runtime Infrastructure	Feature	New	Normal	add missing runtime support for 4GL command line parameters		08/11/2023 10:50 AM
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
2869	Harness	Feature	New	Normal	add mouse input event support		11/20/2015 09:27 AM

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21	Core Development	Feature	New	Normal	add new preprocessor options		12/02/2004 12:00 PM
1533	Harness	Feature	New	Normal	add new variable types		09/18/2012 03:43 PM
1657	Database	Feature	Hold	Normal	add Oracle support		10/21/2012 06:13 PM
3541	Conversion Tools	Feature	New	Normal	add PDF export for call graph reports		03/30/2018 04:31 AM
4392	Base Language	Feature	Test	Normal	add -pf support for appserver CONNECT() method	Galya B	02/20/2024 09:56 AM
1535	Harness	Feature	New	Normal	add read-screen-rect directive		09/18/2012 03:54 PM
5162	Harness	Feature	New	Normal	add REST and SOAP directives		02/23/2021 03:12 PM
4347	Base Language	Feature	WIP	Normal	add runtime support for STOP-AFTER block option	Eduard Soltan	04/24/2024 08:34 AM
4692	Database	Feature	New	Normal	add sanity check at server startup to compare DMO indices with database indices		06/22/2020 01:42 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
5279	Runtime Infrastructure	Feature	New	Normal	add support for an optional maintenance program that executes before any other sessions are allowed to run		04/23/2021 04:04 AM
5170	Runtime Infrastructure	Feature	New	Normal	add support for cloud-based load balancing and WAF		03/08/2021 11:11 AM
2556	User Interface	Feature	New	Normal	add support for COLOR statement in GUI		03/23/2016 04:29 PM
1555	Harness	Feature	New	Normal	add support for comparing screen attributes/colors (in addition to screen text)		09/18/2012 06:16 PM
7924	Database	Bug	Review	High	add support for creating an empty database	Dănuț Filimon	02/09/2024 10:36 AM
2162	User Interface	Feature	New	Normal	add support for CURRENT-ITERATION attribute (for widget objects)	Vadim Gindin	10/29/2021 02:47 PM
6161	Base Language	Feature	New	Normal	add support for DYNAMIC-PROPERTY() built-in function and DYNAMIC-PROPERTY language statement		05/26/2022 07:49 AM
1659	Database	Feature	New	Normal	add support for field exclusion/inclusion lists in queries		11/16/2016 12:30 PM
6452	Base Language	Feature	New	Normal	add support for languages		05/27/2022 10:24 AM
2997	User Interface	Bug	New	Normal	Add support for pre-defined cursor types which do not have direct counterparts in AWT/JS		02/19/2016 04:14 PM
26	Core Development	Feature	New	Normal	add support for preprocessor "features"		12/02/2004 12:00 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
1839	Conversion Tools	Feature	New	Normal	add support for the customization of file names (external procedure)		11/16/2016 12:46 PM
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
3971	Conversion Tools	Feature	WIP	Normal	add support for unicode escape sequences in the preprocessor	Alexandru Lungu	02/23/2024 07:14 AM
1548	Harness	Feature	New	Normal	add telnet transport support		09/18/2012 06:07 PM
5175	Conversion Tools	Feature	New	Normal	add the value of the builtin preprocessor variables (like WINDOW-SYSTEM), used in the current file, in its .pphints file		03/03/2021 04:56 PM
6872	Runtime Infrastructure	Feature	New	Normal	add trace logging for appserver requests		10/20/2022 09:56 AM
3259	User Interface	Feature	New	Normal	add useful web components that can be easily integrated into the embedded web client		03/07/2017 12:52 PM

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4400	Database	Feature	New	Normal	add /* UUID */ in where clause comment for every 4GL query so that SQL logging can easily be mapped back to the specific 4GL query being processed		11/11/2019 04:23 PM
1536	Harness	Feature	New	Normal	add wait-while-screen-buffer directive		09/18/2012 03:59 PM
5662	Base Language	Feature	New	Normal	add -WSDLAuth and -SSLAuth (and related) connect options for the web-services handle		09/08/2021 12:26 PM
8060	Runtime Infrastructure	Bug	New	Normal	Admin Console login fails every first time (AdminServerImpl.setTargetLive)		11/20/2023 07:25 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
2828	User Interface	Bug	New	Normal	alert-box button text is vertically positioned too low in the web client as compared with Swing		11/16/2016 12:23 PM
8299	User Interface	Bug	New	Normal	ALERT-BOX in ChUI mode incorrectly handles long messages		02/20/2024 01:13 PM
2166	User Interface	Bug	New	Normal	Alert box layout mismatch		09/03/2013 04:30 PM
3639	User Interface	Bug	New	Normal	Alert Message box is not displayed on combobox value changed trigger.		06/26/2018 01:07 PM
5371	Build and Source Control	Bug	New	Normal	All aspects from p2j.jar applied to project builds indiscriminately		05/14/2021 11:52 AM
1537	Harness	Feature	New	Normal	allow access to named semaphores from inside run-code directives		09/18/2012 05:18 PM
7498	Runtime Infrastructure	Bug	New	Normal	allow a single Web client launch if the client presses ENTER key multiple times		11/07/2023 07:37 AM
4104	Conversion Tools	Feature	New	Normal	allow mapping of absolute paths to project relative paths		05/30/2019 10:30 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
1538	Harness	Feature	New	Normal	allow read-only access to the SessionSettings instance from inside the run-code directive		09/18/2012 05:20 PM
5663	Runtime Infrastructure	Bug	New	Normal	allow webcertificates details to be specified via files		09/11/2021 07:07 AM
2368	User Interface	Feature	WIP	Normal	allow widget output to stream in GUI mode		03/06/2018 08:38 AM
2345	User Interface	Bug	New	Normal	already visible frames will sometimes have their screen-buffer updated by changes to the same frame used in streams		07/25/2014 09:42 AM
2949	FWD	Feature	New	Normal	Alternative approach to handling case insensitivity		11/01/2022 12:37 PM
8388	Database	Feature	New	Normal	alternative implementation of same-session dirty sharing		03/12/2024 06:47 AM
7020	Database	Feature	Review	Normal	always use "expanded" extent fields	Ovidiu Maxiniuc	01/24/2024 09:28 PM
2199	Database	Bug	New	Normal	ambiguity warnings too aggressively disabled		11/27/2013 11:25 AM
13	Bugs	Bug	New	Normal	ambiguous field name in CAN-FIND() - Progress quirk		12/06/2011 12:00 PM
3041	Database	Bug	New	Normal	ambiguous field references are allowed in a CAN-FIND		03/25/2016 01:09 PM
2915	User Interface	Bug	New	Normal	A modal window in Swing GUI client should not be on top of all other OS windows		04/20/2016 10:16 AM
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
2114	Conversion Tools	Bug	New	Normal	analyze if there are any other "no reference" use cases which are mis-converted		04/10/2013 07:29 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
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
3171	Database	Bug	New	Normal	a natural join combined with the :: operator will cause an unexpected result		08/18/2016 12:32 PM

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6511	User Interface	Bug	New	Normal	An empty submenu displays a small box if the mouse pointer is over it		06/13/2022 05:17 PM
3143	User Interface	Bug	New	Normal	An infinite loop while closing a dialog		07/07/2016 08:45 AM
6270	Conversion Tools	Feature	New	Normal	annotations-based per-file hints		04/11/2022 11:25 AM
6512	User Interface	Bug	New	Normal	An opened menu item of a sub menu remains highlighted if the mouse pointer is moved out of it.		06/13/2022 05:26 PM
7996	Build and Source Control	Bug	New	Normal	Ant 'archive' target in FWD project must depend on building all artefacts it archives		11/02/2023 09:25 AM
1436	Bugs	Bug	New	Normal	APPEND option conversion		04/15/2012 02:17 PM
3249	User Interface	Bug	New	Normal	APPLY statement to send characters to an unfocused Fill-In		02/18/2017 02:36 AM
2602	Database	Bug	New	Normal	A record returned twice because of RELEASE		06/30/2015 04:39 PM
4160	Base Language	Bug	WIP	Normal	Arrays assignment issue	Constantin Asofiei	03/03/2020 01:04 PM
8226	User Interface	Bug	New	Normal	Arrow keys on numpad do not work in FWD		01/27/2024 03:11 PM
3150	User Interface	Bug	New	Normal	A Slider widget doesn't respond to mouse dragging.		07/15/2016 12:35 AM
7418	Runtime Infrastructure	Feature	New	Normal	assess the security of the Jetty web server		06/08/2023 08:09 AM
4563	Base Language	Bug	New	Normal	assigning a dynamic extent var to a OO method call as rvalue		03/03/2020 01:50 PM
7642	User Interface	Bug	New	Normal	Assigning SESSION:DATE-FORMAT has no effect on existing date instances		07/28/2023 02:53 PM
2223	Database	Bug	New	Normal	ASSIGN schema triggers without reference to database fields		11/16/2016 01:16 PM
2178	Database	Bug	New	Normal	Asymmetric sequence behavior		09/06/2013 12:23 PM
6460	User Interface	Bug	New	Normal	AsyncContext completed and/or Request lifecycle recycled		05/27/2022 02:40 PM
5901	Base Language	Bug	New	Normal	at least some 4GL warnings need to process differently when the current scope has a catch block		12/15/2021 04:45 PM
6057	User Interface	Bug	WIP	Normal	Attributes access causing widget to be realized when not need to.		02/16/2022 07:03 AM
6440	User Interface	Feature	New	Normal	ATTR-SPACE in FILL-IN		05/26/2022 09:14 PM
2359	Database	Feature	New	Normal	automated maintenance of database support files		08/05/2014 01:33 PM
7799	Runtime Infrastructure	Feature	WIP	Normal	automated vulnerability scanning	Tomasz Domin	04/17/2024 02:04 PM
7851	Conversion Tools	Feature	New	Normal	automatically add to conversion list all classes referenced via unit test suite annotations		09/27/2023 03:51 PM
6082	Conversion Tools	Bug	New	Normal	automatically add to conversion list all non-skeleton .cls dependencies		05/02/2023 09:49 AM
1902	Conversion Tools	Feature	New	Normal	automatically default global configuration changes based on the platform on which conversion is running		11/16/2016 01:16 PM
7425	Runtime Infrastructure	Bug	Test	Normal	Avoid directory usage in static blocks	Dănuț Filimon	07/18/2023 07:23 AM
8273	Base Language	Bug	New	Normal	avoid ErrorConditionException for FIND ... NO-ERROR if no record is found		02/13/2024 02:24 PM
7194	Database	Feature	Test	Normal	Avoid generating an ORDER-BY clause if not required	Radu Apetrii	07/21/2023 10:51 AM
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
4080	Database	Support	New	Normal	AWS Aurora support		11/10/2019 10:24 AM

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5381	User Interface	Bug	New	Normal	Backing buffers should be filled in SELECT* functions of a multi-selection BROWSE		05/21/2021 06:24 PM
6676	User Interface	Bug	Review	Normal	BACK-TAB jumps by two widgets at once	Eugenie Lyzenko	08/16/2022 10:34 AM
6145	Database	Bug	New	Normal	"Bad" characters in the query.		03/04/2022 07:32 AM
4244	User Interface	Bug	New	Normal	Bad format of displays with AT		02/21/2020 04:28 PM
4061	Base Language	Support	New	Normal	base language performance work		08/01/2022 10:22 AM
6854	Base Language	Support	WIP	Normal	base language tests	Marian Edu	02/15/2024 12:29 AM
7714	Conversion Tools	Bug	New	Normal	basepath cannot have trailing backslash (/)		08/17/2023 08:24 AM
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
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
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
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
6473	User Interface	Feature	New	Normal	better approach for default event behavior		05/30/2022 07:48 AM
1690	Bugs	Bug	New	Normal	better exception handling when OS libraries are not found by P2J	Ovidiu Maxiniuc	10/23/2012 05:33 PM
5967	Database	Feature	New	Normal	better handling of errors received from SQL/database server		01/12/2022 12:25 PM
8621	Database	Bug	New	Normal	better resolution of ambiguous constructors/methods in RuntimeJastInterpreter		04/11/2024 03:56 PM
4021	Database	Feature	New	Normal	better use of session-related resources such as PreparedStatements and caches		04/01/2019 03:37 PM
3934	Database	Bug	New	Normal	binary logical expressions in a 4GL WHERE clause are executed left to right		03/01/2019 03:45 PM
2112	Conversion Tools	Feature	New	Normal	blank lines before and/or after a comment should result in spacers in the converted code		11/16/2016 12:46 PM
4421	Database	Bug	WIP	Normal	blob/clob access with H2	Constantin Asofiei	12/02/2019 09:21 AM
4149	Base Language	Bug	New	Normal	BlockManager and TransactionManager handle TransactionType.NONE incorrectly		10/31/2022 10:30 AM
2105	Base Language	Bug	New	Normal	BlockManager does not return some datatypes correctly		04/12/2013 06:04 AM
4032	Base Language	Support	New	Normal	block/transaction processing context-local and other performance improvements		08/31/2023 06:34 AM
7280	User Interface	Bug	New	Normal	Broken modality on HTML-BROWSER widget		04/17/2023 10:17 AM
4521	User Interface	Bug	New	Normal	Broken mouse tracking when dragging in Web client		01/27/2020 08:52 AM
3835	Base Language	Bug	New	Normal	broken multi-assigner		12/19/2018 01:25 PM
3305	User Interface	Bug	New	Normal	broken widget references management		06/28/2017 12:48 PM
6146	User Interface	Bug	New	Normal	Browse aband if non-compatible query is assigned		03/06/2022 07:55 PM
5245	User Interface	Bug	Review	Normal	BrowseColumnWidget.getScreenValue(): incorrect handling of an unknown value	Stanislav Lomany	04/24/2021 06:15 PM
1689	Bugs	Bug	New	Normal	browse drawing with no display column and query clauses		03/23/2016 05:23 PM
5373	User Interface	Bug	New	Normal	BROWSE issues when QUERY is re-assigned to different buffers, and the original buffers are already bound		05/17/2021 08:44 AM

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5921	User Interface	Bug	New	Normal	Browse multi select - screen-value quirks.		12/22/2021 08:54 AM
2871	Harness	Feature	New	Normal	browser app driver		11/20/2015 09:29 AM
6897	User Interface	Bug	New	Normal	Browse: refresh doesn't update the screen value of dirty buffer assigned during row-leave		11/01/2022 08:08 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
2670	User Interface	Feature	New	Normal	browser resize should re-layout the login page		08/31/2015 03:36 PM
6007	Database	Bug	New	Normal	Browse scrolls through deleted records		01/24/2022 05:34 PM
2799	User Interface	Bug	New	Normal	browse widget doesn't execute validation expressions in P2J (both chui and gui)		11/20/2017 10:26 AM
2796	User Interface	Bug	New	Normal	Browse widget reports error in GUI mode		10/27/2015 12:54 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
5281	Database	Bug	New	Normal	BUFFER-COPY does not report changes in some modes		04/23/2021 03:15 PM
3328	FWD	Bug	New	Normal	BUFFER-COPY EXCEPT list containing field with the same name as a variable is translated to non-compilable code		08/18/2017 02:51 PM
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
6715	Database	Bug	New	Normal	BufferManager.validate throws IllegalStateException if a validation fails via a ValidateException		10/14/2022 03:04 PM
6379	Database	Feature	New	Normal	buffer parameters can work as structural matches (without field name matching)		05/20/2022 07:47 AM
2548	Database	Bug	New	Normal	buffer/tables names are too aggressively matched in preference to other names		04/10/2015 05:53 AM
4485	User Interface	Bug	New	Normal	Bug in FWD scrollbar: inconsistent highlighting		12/17/2019 06:07 PM
5476	Database	Bug	New	Normal	Bug in Java UDF addinterval(date, ...)		06/18/2021 03:12 PM
6118	User Interface	Bug	New	Normal	bug with RADIO-SET (and maybe other widgets) in down frames		03/01/2022 12:01 PM
7364	Database	Bug	New	Normal	Build a full test-suite for fast copy-temp-table	Andrei Bălteanu	06/26/2023 04:31 AM
6671	Runtime Infrastructure	Bug	New	Normal	Build configurations need "fine tuning"		01/16/2023 05:23 PM
6862	Conversion Tools	Support	New	Normal	build conversion regression testing tooling		07/12/2023 11:18 AM
3545	Build and Source Control	Bug	New	Normal	Build fails on Windows when build dir on different drive letter than the gradle dependencies		04/05/2021 02:17 PM
2192	User Interface	Bug	New	Normal	built-in functions without parameters are displayed only once		11/16/2016 01:21 PM
4635	Base Language	Feature	New	Normal	bundle CREATE folowed by ASSIGN in a single statement		05/05/2020 05:54 PM
3233	User Interface	Bug	New	Normal	button accelerators do not work		01/31/2017 07:52 PM
3632	User Interface	Bug	New	Normal	BUTTON and COMBO-BOX don't react on ENTER key		08/17/2018 11:51 AM
2724	User Interface	Bug	New	Low	button interior focus highlight (small dotted stroked rectangle) is not pixel-for-pixel identical		11/16/2016 12:23 PM
5682	User Interface	Bug	New	Normal	Buttons rendering issues		09/23/2021 10:41 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
6721	Database	Feature	New	Normal	calculate field lists at conversion time where possible		08/29/2022 07:03 AM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
5735	User Interface	Bug	New	Normal	CalendarWidget: problem setting value from datetime-tz objects		10/27/2021 06:01 PM
3358	FWD	Bug	New	Normal	callgraph generation crashes on encountering external procedure (WINAPI) definitions		10/12/2017 02:34 PM
2357	Conversion Tools	Bug	New	Normal	callgraph - set schema triggers as entry points		08/04/2014 09:10 AM
10	Bugs	Bug	New	Normal	CAN-FIND conversion issue (if WHERE clause evaluated to TRUE)		10/03/2011 12:00 PM
3040	Database	Bug	New	Normal	CAN-FIND issues		03/25/2016 01:09 PM
5104	Base Language	Bug	New	Normal	Cannot cast integer input parameter to dynamic function character parameter		01/28/2021 11:14 AM
4426	Database	Bug	New	Normal	Cannot find parent when processing REPEAT PRESELECT		03/03/2020 02:42 PM
5274	User Interface	Bug	New	Normal	Cannot select menu items with keyboard in system popup menus		04/21/2021 06:45 PM
2891	User Interface	Bug	New	Normal	Cannot switch between windows in simple_windows.p		12/01/2015 10:18 AM
4627	User Interface	Bug	New	Normal	CAN-QUERY incorrectly determines SCREEN-VALUE on a FRAME widget is queryable		04/24/2020 03:46 PM
1709	Bugs	Bug	New	Normal	"can't operate on a closed statement error" in log		10/29/2012 08:50 AM
5540	Database	Bug	New	Normal	can't query meta info for meta tables		07/10/2021 04:29 AM
5551	Conversion Tools	Bug	New	Normal	Case sensitivity of default buffer name		07/16/2021 10:43 AM
3138	Database	Bug	New	Normal	case-sensitivity propagation		06/28/2016 03:30 PM
5239	Conversion Tools	Bug	New	Normal	CASE WHEN statement: unreachable break statements are sometimes inserted		04/05/2021 04:30 AM
4036	Database	Feature	New	Normal	catch database UDF support up to current built-in function support level		04/08/2019 06:12 PM
8651	Runtime Infrastructure	Feature	New	Normal	Centralize inclusion of JS dependencies		04/23/2024 03:08 PM
6111	Conversion Tools	Bug	New	Normal	changed 'A' conversion mode for 'abend parsing on failure' to allow parsing of all files, and terminate before 'Post-Parse Fixups' starts.		02/25/2022 09:57 AM
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
3882	Conversion Tools	Feature	New	Normal	changes to allow the front-end to be used for 4GL syntax checking		01/15/2019 04:50 PM
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
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
3114	Conversion Tools	Bug	New	Normal	changing SharedVariableManager to call TransactionManager.register[Global]()		05/18/2016 10:57 AM
2161	Database	Feature	New	Normal	Changing UNDO attribute of dynamic table		10/01/2013 06:27 PM
6268	Base Language	Bug	New	Normal	Characters encoding issues with UTF-8 for emoji and confusable symbols.		04/12/2022 03:04 AM
1708	Bugs	Bug	New	Normal	charva/awt/ScreenBitmap.java cleanup		10/29/2012 08:48 AM
6712	Database	Support	New	Normal	check generated dynamic temp-table caching to ensure that all cache keys work when generating hits		11/09/2022 03:13 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
3621	User Interface	Feature	WIP	Normal	check if the MODIFIED attribute is reset by assignment of the SCREEN-VALUE when !inUIStmt		06/13/2018 10:02 AM
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



#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
7421	Database	Bug	WIP	Normal	Check only the indexes that were changed when using Validation.checkMaxIndexSize	Dănuț Filimon	07/26/2023 03:29 AM
7382	Database	Feature	Test	Normal	Check performance of delete from vs drop table in H2	Alexandru Donica	02/02/2024 12:04 PM
4513	Bugs	Bug	New	Normal	Check up cases when the drawing code use ThinClient.isChui() in the redirected mode instead of screen().isChui()		01/21/2020 12:08 PM
4693	Database	Support	New	Normal	check whether our index consolidation adversely affects flushing behavior		06/22/2020 01:37 PM
3120	User Interface	Bug	New	Normal	ChUI CLIPBOARD implementation		06/02/2016 05:50 AM
8305	User Interface	Support	New	Normal	ChUI: how to change focus between items which belong to different frames?		02/21/2024 02:48 PM
3134	User Interface	Bug	New	Normal	CHUI menu issues when some labels are empty		06/24/2016 06:58 AM
3553	User Interface	Bug	New	Normal	ChUI menus don't work		04/25/2018 04:28 AM
2690	User Interface	Bug	New	Normal	ChUI quirk when sub-menu doesn't have any children		09/08/2015 04:11 AM
5581	User Interface	Bug	New	Normal	ChUI slowdown when child OS process holds open input		08/03/2021 05:06 PM
7779	User Interface	Bug	Feedback	Normal	ChUI Swing: focus does not move backward with Shift-TAB key		09/11/2023 04:11 PM
6343	Base Language	Feature	New	Normal	class-based appserver exports		05/10/2022 02:39 PM
6491	User Interface	Bug	New	Normal	ClassCastException seen in stream processing related to GuiDriver		06/06/2022 07:51 AM
1491	Core Development	Feature	Review	Normal	cleanup/improve the "Database Checklists" chapter	Costin Savin	09/03/2012 12:58 PM
1490	Core Development	Feature	WIP	Normal	cleanup/improve the "Database Setup" chapter	Costin Savin	08/31/2012 01:26 PM
1492	Core Development	Feature	Review	Normal	cleanup/improve the "Data Migration" chapter	Costin Savin	09/03/2012 12:57 PM
1488	Core Development	Feature	Review	Normal	cleanup/improve the "Progress 4GL Runtime Compatibility Options" chapter	Adrian Lungu	09/06/2012 04:40 PM
1494	Core Development	Feature	Review	Normal	cleanup/improve the "Software Dependencies" chapter	Ovidiu Maxiniuc	09/27/2012 09:57 AM
3045	Bugs	Bug	New	Normal	Clean up localedef warnings for en_US@p2j_basic locale		03/30/2016 12:48 PM
6252	Conversion Tools	Feature	New	Normal	cleanup of p2j.cfg.xml	Constantin Asofiei	02/28/2024 09:43 AM
6464	User Interface	Feature	New	Normal	cleanup of some messy parts of the UI implementation		05/29/2022 11:14 AM
7176	Base Language	Bug	New	Normal	cleanup p2j.oo code considering the #7045 and #7122		03/07/2023 08:05 AM
1948	Build and Source Control	Support	New	Normal	cleanup package.html contents		11/16/2016 01:31 PM
5489	Conversion Tools	Bug	New	Normal	Cleanup / reimplement merge DMO definitions		06/20/2022 10:24 AM
6417	Base Language	Feature	WIP	Normal	cleanup some known items in appserver support	Galya B	04/30/2024 08:49 AM
1487	Core Development	Feature	Review	Normal	cleanup the "Administrative Client Setup" chapter	Adrian Lungu	08/30/2012 01:23 AM
2901	User Interface	Bug	New	Normal	clicking on a checkbox without label displays the "selected" rectangle at the right-side of the checkbox		11/16/2016 12:23 PM
3119	User Interface	Bug	New	Normal	Clicking on the modal dialog close caption button hides its owner, but the dialog itself remains visible.		06/01/2016 03:34 PM
8140	Base Language	Feature	New	Normal	Client PID		12/20/2023 05:30 AM
4108	Base Language	Bug	New	Normal	CLIENT-PRINCIPAL:EXPORT-PRINCIPAL method quirk (4GL bug?)		06/08/2019 06:07 AM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
6436	User Interface	Feature	New	Normal	CLIPBOARD:NUM-FORMATS		05/26/2022 09:08 PM
2896	Database	Bug	New	Normal	Close dynamically defined query when an underlying buffer is closed	Stanislav Lomany	03/28/2016 03:06 PM
7165	Database	Bug	Test	Normal	Close multiplex scope using prepared statement	Alexandru Lungu	04/20/2023 07:13 AM
4028	User Interface	Feature	New	Normal	coalesce multiple STATUS updates sent in rapid succession to reduce DAP work		04/01/2019 10:18 PM
3357	Conversion Tools	Bug	WIP	Normal	Code Analytics file filter view not working correctly on Windows		10/11/2017 11:23 PM
4073	Core Development	Bug	New	Normal	code size limit exceeded		05/09/2019 01:36 PM
3367	Database	Bug	WIP	Normal	collision between sequence and table names		11/08/2017 03:28 PM
5013	Database	Bug	Test	Normal	Collision of java names with SQL keywords	Ovidiu Maxiniuc	12/07/2020 04:58 PM
4075	User Interface	Bug	New	Normal	Combo-box columns 4GL quirks		05/08/2019 09:11 AM
2923	User Interface	Bug	New	Normal	./combo_box/combo_box9_1.p web combobox width is not enough to display its content with paddings		06/23/2016 11:23 AM
2168	User Interface	Bug	New	Normal	Combo-box initial shape attribute mismatch		09/03/2013 04:32 PM
4415	User Interface	Bug	New	Normal	combo-box item selection via screen-value assignment has deviations		11/14/2019 12:54 PM
6038	User Interface	Bug	Feedback	Normal	ComboBox setScreenValue improvements	Marian Edu	04/29/2022 05:33 AM
6282	User Interface	Bug	New	Normal	Combo-box VALUE-CHANGED		04/18/2022 08:52 AM
3263	Build and Source Control	Bug	WIP	Normal	com.goldencode.p2j.Version class always loaded from p2jsp.jar		03/14/2017 06:14 PM
5439	Base Language	Bug	New	Normal	com.goldencode.util.Stack problem		06/12/2021 04:53 PM
4841	User Interface	Bug	Review	Normal	com-handle to handle automatic input parameter conversion	Vladimir Tsichevski	08/05/2020 02:02 PM
1553	Harness	Feature	New	Normal	command-line support for executing subsets of a test plan		09/18/2012 06:14 PM
1450	Bugs	Bug	WIP	Normal	comment conversion fail	Ovidiu Maxiniuc	10/24/2012 10:42 AM
6419	Base Language	Feature	New	Normal	compatibility testing (and any needed fixes) for security features		05/26/2022 03:27 PM
6441	Database	Feature	New	Normal	compatible collation for UTF-8 databases		05/27/2022 12:53 AM
6754	Base Language	Feature	New	Normal	complete BOM support for XmlHelper.readXMLEncoding()		09/14/2022 07:02 AM
2191	User Interface	Feature	New	Normal	complete support for determining resource type for BROWSE columns		10/04/2013 07:14 AM
6604	User Interface	Feature	New	Normal	Complete support for list-items/list-item-pairs for combo-box as part of the browse widget		07/15/2022 01:50 PM
6486	Runtime Infrastructure	Feature	New	Normal	complete the admin console		06/03/2022 08:47 AM
5095	Database	Feature	New	Normal	complete the shift from field names to bitsets		01/20/2021 02:31 PM
7267	Database	Bug	Test	Normal	CompoundQuery FOR FIRST, EACH only retrieves the first record found		05/02/2023 07:21 AM
2405	Database	Bug	New	Normal	CompoundQuery.previous() invalid behavior after back off-end		10/03/2014 11:26 AM
5031	User Interface	Bug	New	Normal	concurrency bug in GuiWebSocket.hoverableWidgets and drawingOps		12/13/2020 09:18 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

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
4404	Database	Bug	New	Normal	ConditionException inside full transaction FOR EACH loop		11/12/2019 08:28 AM
5651	Base Language	Bug	WIP	Normal	conditions raised from a finally block		11/15/2022 09:51 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
3278	Database	Bug	New	Low	connected function converts incorrectly when passed an unquoted string		04/20/2017 11:50 AM
4537	Database	Bug	New	Normal	CONNECT statement parameters parsing quirks		02/11/2020 03:50 PM
4535	Database	Bug	New	Normal	CONNECT statement with VALUE expression quirks		02/11/2020 06:17 AM
4058	Database	Support	New	Normal	consider denormalizing tables as the default approach		11/01/2022 08:32 AM
5683	Database	Bug	New	Normal	Consider using multiple .df files for a database		09/23/2021 04:05 PM
7060	Database	Feature	Test	Normal	Consider using wildcard selection to reduce SQL size	Alexandru Lungu	04/20/2023 07:12 AM
2998	Runtime Infrastructure	Support	New	Normal	consider whether we should implement a separate security context for init/term listeners and other customer code loaded in the P2J process		02/19/2016 09:16 AM
2202	Bugs	Bug	New	Normal	ContextLocal should disallow calls which operate on its data during cleanup()		11/12/2013 05:21 PM
6240	User Interface	Bug	New	Normal	Context menu should open on mouse down and not mouse click		04/06/2022 06:48 AM
3833	Conversion Tools	Bug	New	Normal	Conversion broken by multithreading		12/15/2018 06:12 PM
4907	User Interface	Bug	New	Normal	Conversion bug with button triggers		09/18/2020 04:28 PM
19	Bugs	Bug	New	Normal	conversion CASE to SWITCH		03/26/2012 12:00 PM
4749	Base Language	Bug	Test	Normal	Conversion error for object indeterminate extent output parameter	Constantin Asofiei	03/06/2021 10:17 AM
4669	Base Language	Bug	Test	Normal	Conversion error for output stream-handle - protected property.	Constantin Asofiei	08/03/2020 12:20 PM
4156	Conversion Tools	Bug	New	Normal	Conversion failed with "Cannot find buffer ..."		07/29/2019 07:13 AM
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
3516	Conversion Tools	Bug	New	Normal	Conversion issue for lambda generated code and library_calls testcases		03/14/2018 11:12 AM
7873	Base Language	Bug	Test	Normal	conversion issues with dataset/table parameters for class events	Constantin Asofiei	10/05/2023 06:26 AM
5800	Database	Bug	New	Normal	Conversion issue with CAN-FIND		11/02/2021 12:11 PM
7198	Base Language	Bug	Test	Normal	conversion of empty UPDATE/SET/PROMPT-FOR statements	Constantin Asofiei	06/05/2023 10:20 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
1434	Core Development	Feature	New	Normal	Conversion reference documentation and training slides		08/21/2012 03:49 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
2113	Conversion Tools	Bug	New	Normal	convert/comments.rules should ignore artificial nodes when trying to match comments to code		11/16/2016 12:46 PM
7122	Base Language	Feature	WIP	Normal	convert default getter/setter as plain Java methods	Constantin Asofiei	03/14/2024 03:17 PM
5121	Database	Bug	New	Normal	Converted temp table should be using the legacy name instead of the converted name in displayed messages		03/11/2021 07:49 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

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
1680	Conversion Tools	Feature	New	Normal	convert "for each foo: delete foo. end." into a simpler form		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
6346	Database	Feature	New	Normal	coordinate non-converted code JDBC database edits within the 4GL application transaction		05/10/2022 09:17 PM
4437	User Interface	Bug	Test	Normal	copy, paste and cut functionality don't work as expected	Hynek Cihlar	12/13/2019 04:18 PM
7403	Database	Bug	Review	Normal	Copy-temp-table with replace-mode should replace already inserted records	Radu Apetrii	08/23/2023 03:33 AM
2034	Database	Bug	New	Normal	correct conversion of CAN-FIND({FIRST LAST} ... {SHARE-LOCK EXCLUSIVE_LOCK} [NO-WAIT])		11/16/2016 01:16 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
1546	Harness	Feature	New	Normal	create a DTD to validate test definitions and test plan definitions		09/18/2012 06:06 PM
2158	Runtime Infrastructure	Feature	New	Normal	create a minimal jar file suitable for making a remote connection to a P2J server, processing our data types and handling appserver calls		11/16/2016 01:08 PM
1926	Database	Feature	Hold	Normal	create an en_GB@p2j_basic locale definition	Eric Faulhaber	05/02/2013 10:31 PM
4553	Runtime Infrastructure	Support	New	Normal	create an "install checker" that can be run on Windows or Linux to confirm that an installation is complete and correct		02/21/2020 07:15 AM
4493	Conversion Tools	Feature	New	Normal	create a runner process which makes it a simple one-step-process to convert and execute an arbitrary set of 4GL code		01/07/2020 09:07 AM
1840	Database	Feature	New	Normal	create a simple tool (and docs) to provide creation/import of databases at client sites		11/16/2016 01:08 PM
1845	Runtime Infrastructure	Feature	New	Normal	create a simple tool (and docs) to provide easy creation/import of the configuration for a new server		12/28/2020 08:31 PM
1765	Conversion Tools	Feature	New	Normal	create a tool to manage project configuration in the database		11/16/2016 12:46 PM
5000	Conversion Tools	Feature	New	Normal	create a UI for managing the entire process/lifecycle of a conversion project		11/05/2020 10:56 AM
1696	Conversion Tools	Feature	New	Normal	create a variable to replace multiple uses of a string literal		11/16/2016 12:47 PM
3043	User Interface	Bug	New	Normal	Create ChUI dialog for the Progress stack trace		03/30/2016 07:42 AM
1743	Conversion Tools	Feature	New	Normal	create conversion rules to generate utility classes with common include code		11/16/2016 12:47 PM
1761	TRPL	Feature	New	Normal	create export tools to output flat files stored in the database		11/16/2016 10:00 AM
1742	Conversion Tools	Feature	New	Normal	create hints documenting where (and how many times) each file is included		11/16/2016 12:47 PM
1760	TRPL	Feature	New	Normal	create import tools to add or replace flat files stored in the database		11/16/2016 10:00 AM
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
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
4341	User Interface	Feature	New	Normal	CREATE-RESULT-LIST-ENTRY missing implementation features		10/05/2019 05:17 PM
7388	Database	Bug	Test	Normal	Create server configuration container for cache sizes	Dănuț Filimon	07/18/2023 02:18 PM
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

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
1865	Core Development	Support	New	Normal	create the training materials for the Developer 2 class		11/16/2016 01:31 PM
2256	Conversion Tools	Feature	New	Normal	create tools to analyze the .pphints files		11/16/2016 12:46 PM
1762	TRPL	Feature	New	Normal	create tools to list, delete and otherwise manage flat files stored in the database		11/16/2016 10:00 AM
1766	Conversion Tools	Feature	New	Normal	create tools to manage non-flat file conversion artifacts		11/16/2016 12:46 PM
1456	Core Development	Feature	WIP	Normal	create training class slides for the developer 1 course	Greg Shah	08/27/2012 12:00 PM
1863	Conversion Tools	Support	New	Normal	create training materials for the Conversion class		11/16/2016 01:31 PM
1862	Runtime Infrastructure	Support	New	Normal	create training materials for the P2J Administration class		11/16/2016 01:31 PM
2864	Harness	Feature	New	Normal	create window, control and specific rectangle image capture support		11/20/2015 09:17 AM
3268	Runtime Infrastructure	Feature	New	Normal	Creating a tool to install and manage FWD server as Windows service		03/20/2017 03:31 PM
2194	Base Language	Feature	New	Normal	Creating testcases to check legacy attributes for resources used in CAN-QUERY/CAN-SET statement conversion code		10/15/2013 09:53 PM
6507	Database	Feature	New	Normal	cross-database joins	Ovidiu Maxiniuc	09/09/2022 12:23 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
2579	User Interface	Bug	New	Normal	Cursor offset is reset after a trigger containing MESSAGE ... UPDATE		05/21/2015 04:18 AM
14	Bugs	Bug	New	Normal	cursor on an invisible frame	Stanislav Lomany	02/09/2012 12:00 PM
2576	User Interface	Bug	New	Normal	Cursor position in numeric fields (ChUI)		05/17/2015 11:34 AM
3868	Base Language	Feature	Test	Normal	customer servlet integration/support	Constantin Asofiei	07/03/2023 01:44 PM
5491	Database	Feature	WIP	Normal	custom locale/collation implementations	Ovidiu Maxiniuc	09/01/2021 10:58 AM
3705	Database	Feature	Test	Normal	custom query/index/field reports	Eric Faulhaber	09/11/2018 12:48 PM
4377	User Interface	Bug	New	Normal	Custom widget font does not influence the widget size and doesn't propagate from frame down to widgets		10/31/2019 05:46 AM
5183	Database	Support	WIP	Normal	database collation	Eric Faulhaber	07/27/2021 12:36 PM
6454	Database	Feature	Review	Normal	database informational features	Igor Skornyakov	01/06/2023 02:28 AM
2417	Database	Bug	New	Normal	DatabaseManager reports severe error when registering a database more than once		10/08/2014 02:27 PM
1851	Database	Feature	New	Normal	database performance/scalability tuning		11/16/2016 12:30 PM
6855	Database	Support	WIP	Normal	database/persistence tests	Marian Edu	11/06/2023 04:23 AM
4492	Database	Bug	WIP	Normal	database trigger defined with abbreviation should create a new buffer	Adrian Lungu	06/20/2020 12:10 PM
1664	Database	Feature	New	Normal	data import improvements		12/04/2020 02:17 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
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
8500	Database	Bug	Test	Urgent	dataset:set-buffers must use default-buffer-handle if a temp-table handle is used		03/22/2024 09:27 AM
2154	Base Language	Bug	New	Normal	Date arithmetics and Gregorian gap		05/24/2013 02:43 PM
6280	Base Language	Feature	New	Normal	date literal // quirk		05/26/2022 03:24 PM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
2395	Database	Bug	New	Normal	db admin rights requirement for the system table query		09/19/2014 10:30 AM
4604	User Interface	Bug	New	Normal	DCOLOR on FRAME or BROWSE TITLE phrase results in title not being displayed		04/02/2020 05:41 PM
8183	Database	Bug	WIP	Normal	debugging database module		01/11/2024 06:11 PM
5115	User Interface	Bug	New	Normal	Decide and implement PSTimer optimization		01/28/2021 12:10 PM
7484	Base Language	Bug	Test	Normal	decimal format - left-side 'balance' must include group separators	Constantin Asofiei	07/11/2023 01:28 PM
5587	User Interface	Bug	WIP	Normal	Decimal format not handled properly	Roger Borrello	08/06/2021 03:48 PM
8673	User Interface	Bug	WIP	Normal	Deduce the logic behind OE focus management and implement in FWD		05/03/2024 05:34 PM
1677	Conversion Tools	Feature	New	Normal	deeper analysis of IF/CASE and other condition expressions		11/16/2016 12:46 PM
2377	Database	Bug	New	Normal	default buffer can be incorrectly scoped to an internal procedure		08/13/2014 05:52 PM
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
1913	Database	Bug	New	Normal	default locking in a BROWSE widget		11/09/2012 08:48 AM
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
1573	Bugs	Bug	New	Normal	Defect in saving logic of rights editor		09/29/2012 06:58 AM
6835	Database	Bug	New	Normal	deferred work for #6257		10/11/2022 08:51 AM
4128	Database	Feature	New	Normal	defer transaction start until the time when real edits begin		07/03/2019 04:14 PM
3312	Conversion Tools	Bug	New	Normal	DEFINE BUFFER with TEMP-TABLE fails to resolve persistent table		08/02/2017 04:15 PM
6028	User Interface	Bug	New	Normal	Define rectangle widget: triggers section is not converted and other issues		02/01/2022 10:21 AM
4598	User Interface	Bug	New	Normal	define shared menu statement is converted using new name to reference the shared menu		03/23/2020 10:06 AM
5510	User Interface	Feature	New	Normal	delegated click mode for SYSTEM-DIALOG GET-FILE		07/02/2021 11:51 AM
2230	Bugs	Bug	New	Normal	delete event with null entity during rollback processing		01/22/2014 12:02 PM
3137	User Interface	Bug	New	Normal	DELETE WIDGET does not hide the frame		06/29/2016 08:13 AM
2965	User Interface	Bug	New	Normal	Deletion of a browse row when a new row presents in the result set causes inconsistent behavior in 4GL		01/21/2016 06:46 PM
4552	Runtime Infrastructure	Support	New	Normal	deliver FWD as a pre-built binary distribution		02/19/2020 05:51 PM
2938	User Interface	Bug	New	Normal	./demo/calc.p (web client) the plus sign button becomes damaged if do clicking on its neighbors row buttons		12/17/2015 12:54 PM
2939	User Interface	Bug	New	Normal	./demo/calc-static-chars.p the plus sign button looks like it doesn't fit the required bounds.		12/17/2015 12:58 PM
3091	User Interface	Bug	New	Normal	./demo/demo_widgets.p can be broken using editor and key pressing TAB, SHIFT+TAB and RIGHT_ARROW		04/27/2016 01:29 PM
2902	User Interface	Bug	New	Normal	demo/demo_widgets.p top frame is made scrollable (height is incorrect?)		11/16/2016 12:23 PM
5891	Database	Bug	New	Normal	denormalized properties of extent field cause NPE when accessing attributes of buffer fields		12/14/2021 02:08 PM
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
8589	Database	Bug	New	Normal	Deprecate the shared temporary database completely		04/05/2024 06:11 PM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
1758	Conversion Tools	Feature	New	Normal	design a database schema to contain a complete conversion project		11/16/2016 12:46 PM
1759	TRPL	Feature	New	Normal	design a database to back all TRPL processing		11/16/2016 09:59 AM
6183	Build and Source Control	Feature	WIP	Normal	design and implement (as needed) the approach for writing automated 4GL compatibility tests		05/26/2023 08:10 AM
1746	TRPL	Feature	New	Normal	design the v2.0 syntax and document as a language specification		11/16/2016 09:45 AM
6104	User Interface	Bug	New	Normal	Desktop is fully repainted when a window is moved with WEB driver		02/23/2022 02:47 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
30	Runtime Infrastructure	Bug	New	Normal	detect denial of service attempt and try to reduce the impact		10/31/2012 11:56 AM
1532	Core Development	Support	WIP	Normal	develop chemtutor 4GL sample application	Adrian Lungu	09/28/2012 04:40 PM
5691	Base Language	Bug	New	Normal	deviation in error generation for invalid method/property chaining		09/29/2021 09:13 AM
2629	User Interface	Bug	New	Normal	deviations in handle with unknown value error processing and messages		07/30/2015 09:52 AM
7148	User Interface	Bug	New	Normal	Differences between 4GL and FWD Swing/Web clients keystrokes management for Dutch system language/keyboard		02/28/2023 04:00 AM
7062	Database	Feature	Test	Normal	Direct access to H2 internals to solve basic queries	Alexandru Lungu	06/09/2023 03:31 AM
4620	Conversion Tools	Bug	New	Normal	Direct Java conversion fails for arrays of objects		04/17/2020 06:31 PM
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
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
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
1308	Database	Bug	WIP	Normal	dirty share - related abend	Stanislav Lomany	11/08/2012 05:54 PM
7963	Database	Support	New	Normal	disable dirty share database and test existing customer applications		10/25/2023 10:49 AM
5165	Database	Feature	New	Normal	disallow usage of an incompatible database instance		02/25/2021 09:42 AM
1903	Conversion Tools	Feature	New	Normal	disambiguate generated filenames that are only differentiated by a difference in case (on Windows filename.txt and filEname.txt refer to the same file)		11/16/2016 01:16 PM
3625	Database	Bug	New	Normal	DISCONNECT terminates the remote database connection to early		06/19/2018 02:50 PM
6732	TRPL	Support	New	Normal	discussion of language features		09/03/2022 08:14 AM
6211	User Interface	Bug	New	Normal	Display changes z-order		03/28/2022 08:36 AM
1756	User Interface	Bug	New	Normal	display skip fail in procedure		11/01/2012 01:28 AM
4189	User Interface	Bug	New	Normal	DISPLAY table field: column title differs from that in Progress		08/09/2019 09:35 AM
6298	User Interface	Bug	New	Normal	Display using format		04/26/2022 10:57 AM
6591	Database	Bug	WIP	Normal	DMO collisions with converted program/legacy class name or FWD classes	Constantin Asofiei	07/12/2022 02:38 PM
1705	Bugs	Bug	New	Normal	DMO index cleanup		10/29/2012 08:44 AM
2279	Documentation	Feature	WIP	Normal	documentation review and misc updates	Constantin Asofiei	04/25/2014 03:13 AM
3248	Documentation	Feature	New	Normal	documentation updates		02/12/2017 09:52 PM

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2297	Documentation	Feature	WIP	Normal	document new directory/P2J configurations and setup	Constantin Asofiei	05/22/2014 08:13 AM
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
2427	User Interface	Bug	New	Normal	do not allow ALT+space to show the popup menu for the OS window		03/23/2016 01:58 PM
7354	Runtime Infrastructure	Bug	New	Normal	do not log keystore/truststore passwords when dumping arguments during spawning		05/19/2023 06:07 AM
3025	User Interface	Bug	New	Normal	Do not show resize cursor for non-resizable window		03/10/2016 07:54 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
6475	Database	Bug	New	Normal	double-check and fix any read/write-xml/json issues at table and dataset		05/26/2023 04:38 PM
11	Bugs	Bug	New	Normal	double field reference emitting problem report		10/03/2011 12:00 PM
5797	User Interface	Bug	New	Normal	Drawing with null widget		11/02/2021 11:00 AM
7169	Conversion Tools	Feature	New	Normal	drive conversion order using user-specified dependencies	Greg Shah	05/06/2023 09:42 AM
2899	User Interface	Bug	New	Normal	drop-down text "Pulp Fiction" is trimmed incorrectly in movie-ratings-dynamic.p		12/03/2015 08:02 AM
4461	Base Language	Bug	New	Normal	DST and add-interval		12/11/2019 04:50 PM
2499	Base Language	Bug	WIP	Normal	DST portion of the timezone offset is always included when it should be conditional		02/05/2015 06:02 PM
7413	Database	Bug	New	Normal	DUMP-NAME is not guaranteed to be unique in the .df		06/09/2023 10:52 AM
7821	Database	Bug	New	Normal	Duplication of table records in schema namespace causes dynamic conversion to fail		09/20/2023 06:11 PM
1589	Conversion Tools	Bug	New	Normal	during parsing the .lexer file is sometimes arbitrarily truncated		10/12/2012 04:29 PM
2474	User Interface	Feature	New	Normal	dynamically execute applhelp.p instead of driving it from a static directory entry		03/23/2016 04:39 PM
6533	Base Language	Bug	New	Normal	dynamic equals operator		06/20/2022 01:11 PM
6490	Base Language	Feature	New	Normal	DYNAMIC-INVOKE which returns an extent		06/05/2022 02:56 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
6384	Base Language	Bug	Test	Normal	dynamic query conversion issues	Ovidiu Maxiniuc	06/01/2022 04:33 PM
2448	Database	Bug	New	Normal	DynamicQueryHelper.parse accepts predicate with garbage after terminating dot		11/21/2014 04:53 PM
3044	Database	Feature	New	Normal	dynamic validation expression support		02/07/2019 02:36 PM
2754	User Interface	Bug	New	Normal	dynamic widget attribute assignment breaks when the FRAME attribute is assigned late		11/16/2016 12:23 PM
2744	User Interface	Bug	New	Low	dynamic widgets realize too late		11/16/2016 12:23 PM
2246	Harness	Feature	New	Normal	each failure listed in the summary table should hyperlink directly to the test detail page AND all the way to the failing step in that page so that reviewing failures is quick		02/19/2014 12:41 PM
3883	Conversion Tools	Feature	New	Normal	eclipse plug for developing 4GL code using FWD including editing, syntax checks, running conversion		02/10/2023 09:34 AM
4043	Bugs	Bug	New	Normal	Eclipse static code analysis potential issues	Igor Skornyakov	04/19/2019 06:06 AM
2936	User Interface	Feature	New	Normal	Editing cell shrinking quirk		01/25/2016 09:19 AM
2925	User Interface	Bug	New	Normal	EDITOR widget is invisible in presence of the BROWSE one.		02/22/2016 10:22 AM
6978	User Interface	Feature	WIP	Normal	Editor widget performance optimization	Eugenie Lyzenko	12/05/2022 01:54 PM



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2172	User Interface	Bug	New	Normal	Editor widget vertical scrollbar issue		09/03/2013 04:36 PM
1737	Conversion Tools	Feature	New	Normal	eliminate/consolidate schema tables where possible		11/16/2016 12:46 PM
3304	User Interface	Bug	New	Normal	Eliminate denial of service in virtual desktop mode		06/26/2017 01:43 PM
2688	Base Language	Bug	New	Normal	eliminate differences in the http header and xml content of the web services implementation		09/04/2015 05:05 PM
1697	Conversion Tools	Feature	New	Normal	eliminate duplication of frame definitions		11/16/2016 12:39 PM
6187	Database	Feature	New	Normal	eliminate explicit buffer usage in can-find		03/25/2022 06:27 AM
7132	Database	Bug	WIP	Normal	Eliminate for-each loops and lambda in FWD-H2 code	Radu Apetii	02/27/2023 08:45 AM
2253	User Interface	Feature	New	Normal	eliminate listener/event model		03/05/2014 04:12 PM
4917	Database	Bug	New	Normal	eliminate redundant ORDER BY elements in multi-table queries	Ovidiu Maxiniuc	10/01/2020 01:16 PM
1752	TRPL	Feature	New	Normal	eliminate statics/singleton patterns in pattern engine/symbol resolver and other related classes		11/16/2016 09:52 AM
1768	Conversion Tools	Feature	New	Normal	eliminate statics/singleton patterns in the conversion driver and all other related classes for the front end		11/16/2016 12:46 PM
7004	Database	Support	New	Normal	eliminate the off-end processing in the TransactionManager and minimize the processing of off-end		12/22/2022 09:50 AM
8525	Conversion Tools	Feature	New	Normal	eliminate the runtime dependency on registry.xml		03/26/2024 10:53 AM
4246	Conversion Tools	Feature	New	Normal	Emit static Java calls for non-native COM objects		08/26/2019 09:18 AM
3589	User Interface	Bug	WIP	Normal	empty title forces a title area in a GUI frame	Constantin Asofiei	05/30/2018 04:57 AM
2641	User Interface	Bug	New	Normal	ENABLE ALL should be able to display an empty frame		08/17/2015 10:18 AM
3704	User Interface	Feature	New	Normal	enable automated testing for GUI (Swing and web clients)		08/23/2023 10:28 AM
2473	User Interface	Bug	New	Normal	ENABLE/DISABLE by themselves don't define frames (but they do add to them if the frames otherwise exist)		01/02/2015 02:52 PM
5184	Runtime Infrastructure	Feature	New	Normal	enable non-SSL mode for Jetty		03/06/2021 01:29 PM
2307	User Interface	Feature	New	Normal	enable skinning of the web client login page		08/31/2015 03:08 PM

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