

## Issues

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
8711	User Interface	Bug	New	Normal	TAB-STOP attribute wrong implementation for RECTANGLE, IMAGE and TEXT widgets		05/01/2024 01:31 PM
8703	Database	Bug	New	Normal	NO-UNDO option at DMO must be removed		04/29/2024 03:16 PM
8683	Database	Bug	New	Normal	SQL operations not saved when session is closed		04/25/2024 07:17 PM
8676	Base Language	Feature	New	Normal	ABLUnit assert error messages are different in different OE versions		04/26/2024 04:40 AM
8659	User Interface	Bug	New	Normal	FWD has no button click animations		04/21/2024 03:50 PM
8651	Runtime Infrastructure	Feature	New	Normal	Centralize inclusion of JS dependencies		04/23/2024 03:08 PM
8648	Database	Bug	New	Normal	Recheck ACTIVATE and DEACTIVATE procedures on appserver calls		04/17/2024 01:49 PM
8643	Base Language	Bug	New	Normal	ErrorManager not handling caught errors and error-status:error attribute properly		04/17/2024 09:05 AM
8624	Runtime Infrastructure	Bug	New	Normal	Stream should detect whether it is being used from the client or the server		04/12/2024 09:33 AM
8621	Database	Bug	New	Normal	better resolution of ambiguous constructors/methods in RuntimeJastInterpreter		04/11/2024 03:56 PM
8607	Runtime Infrastructure	Bug	New	Normal	Incorrect parsing of URI string.		04/09/2024 10:26 AM
8598	User Interface	Bug	New	Normal	Frame has no scrollbars		04/08/2024 10:04 AM
8589	Database	Bug	New	Normal	Deprecate the shared temporary database completely		04/05/2024 06:11 PM
8586	User Interface	Bug	New	Normal	Fields are not in FIELD-GROUP until they are enabled		04/04/2024 09:09 AM
8556	User Interface	Bug	New	Normal	Incorrect frame layout		04/01/2024 01:46 PM
8544	Runtime Infrastructure	Feature	New	Normal	Move spawner code to JNI		03/29/2024 03:16 AM
8541	User Interface	Bug	New	Normal	Fill-In widget incorrectly resets cursor position to 0 when DISPLAY is in VALUE-CHANGED trigger body		03/28/2024 11:29 AM
8525	Conversion Tools	Feature	New	Normal	eliminate the runtime dependency on registry.xml		03/26/2024 10:53 AM
8511	Conversion Tools	Bug	New	Normal	replace string annotation with numeric annotations		03/24/2024 08:47 AM
8510	Base Language	Bug	New	Normal	replace all 'new logical' in FWD runtime with logical.of or logical.UNKNOWN		04/03/2024 05:26 AM
8496	Database	Bug	New	Normal	investigate if a 'batch insert with deactivated index' in H2 is possible		03/22/2024 09:37 AM
8494	Database	Feature	New	Normal	rework XmlExport with the performance improvements from JsonExport		03/21/2024 09:30 AM
8397	User Interface	Bug	New	Normal	Window ID is not used in messageBox method in ThinClient		03/05/2024 06:52 AM
8388	Database	Feature	New	Normal	alternative implementation of same-session dirty sharing		03/12/2024 06:47 AM
8376	User Interface	Bug	New	Normal	Focus transfer problem with frames having no focusable contents		03/01/2024 12:30 PM
8365	User Interface	Bug	New	Normal	FILL-IN: editing character issues		02/29/2024 01:17 PM
8362	Build and Source Control	Feature	New	Normal	implement a web-based UI for "project creation" and deliver it as a docker image		02/28/2024 09:53 AM
8346	Base Language	Bug	New	Normal	Find and fix any use cases with implicit use of working directory when accessing file-system resource		02/26/2024 01:18 PM
8340	User Interface	Bug	New	Normal	Wrong LASTKEY value on left button mouse down event		02/26/2024 07:59 AM
8324	User Interface	Bug	New	Normal	ON MOUSE-SELECT-DOWN does not suppress ON EMPTY-SELECTION		02/22/2024 04:33 PM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
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
8306	User Interface	Support	New	Normal	3-button mouse to portable mouse mapping?		03/05/2024 12:35 PM
8305	User Interface	Support	New	Normal	ChUI: how to change focus between items which belong to different frames?		02/21/2024 02:48 PM
8300	User Interface	Bug	New	Normal	NPE in ChUI mode when ESC is pressed.		02/20/2024 01:25 PM
8299	User Interface	Bug	New	Normal	ALERT-BOX in ChUI mode incorrectly handles long messages		02/20/2024 01:13 PM
8294	Base Language	Bug	New	Normal	SESSION attributes access statements produce uncompileable Java code		02/20/2024 09:37 AM
8274	Base Language	Bug	New	Normal	use singleton/immutable BDT instances when returned from FWD runtime into the application		02/13/2024 02:26 PM
8273	Base Language	Bug	New	Normal	avoid ErrorConditionException for FIND ... NO-ERROR if no record is found		02/13/2024 02:24 PM
8272	Base Language	Bug	New	Normal	reduce ClassNotFoundException and NoSuchMethodException usage in RuntimeJastInterpreter		02/13/2024 02:23 PM
8259	Database	Bug	New	Normal	Reduce the work done by PreselectQuery.coreFetch		02/09/2024 04:57 AM
8257	Conversion Tools	Bug	New	Normal	meta tables leaking to primary database		02/07/2024 02:30 PM
8251	Database	Bug	New	Normal	Fine tune CompoundQuery optimization when contains clauses are used		02/07/2024 04:46 AM
8249	Database	Bug	New	Normal	Introduce a fast fill method to optimize Dataset.fill	Alexandru Donica	03/27/2024 11:39 AM
8226	User Interface	Bug	New	Normal	Arrow keys on numpad do not work in FWD		01/27/2024 03:11 PM
8212	Database	Bug	New	Normal	FILL operations do not work correctly with active dataset relations		01/23/2024 02:08 PM
8209	User Interface	Bug	New	Normal	FieldGroup tabItems out of sync after widget is dynamically deleted		01/22/2024 09:03 AM
8200	Database	Bug	New	Normal	Explicit buffer used instead of the implicit one for a persistent table		01/16/2024 07:54 AM
8140	Base Language	Feature	New	Normal	Client PID		12/20/2023 05:30 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
8138	Base Language	Feature	New	Normal	ABLUnit configuration using environment variables		12/20/2023 01:21 PM
8135	Runtime Infrastructure	Bug	New	Normal	replace ScopedDictionary for better performance	Eric Faulhaber	12/21/2023 02:42 PM
8124	Base Language	Feature	New	Normal	rework conversion and runtime support for BLOCK-LEVEL and ROUTINE-LEVEL statements		12/18/2023 10:44 AM
8116	Base Language	Bug	New	Normal	SEARCH vs FILE-INFO	Eugenie Lyzenko	12/14/2023 09:29 AM
8103	Build and Source Control	Support	New	Normal	merge Hotel GUI, Hotel ChUI and implement a multi-modal template process		12/06/2023 12:05 PM
8098	User Interface	Bug	New	Normal	The task bar without tasks is not displayed or drawn if ui program displays a lonely dialog box.		12/05/2023 11:58 AM
8095	User Interface	Bug	New	Normal	LEAVE trigger fires in no focus change situation		12/03/2023 09:39 AM
8060	Runtime Infrastructure	Bug	New	Normal	Admin Console login fails every first time (AdminServerImpl.setTargetLive)		11/20/2023 07:25 AM
8025	Database	Bug	New	Normal	Persistence API improvements		11/10/2023 09:37 AM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
8020	Runtime Infrastructure	Support	New	Normal	Remote Launcher for Dummies - Configuration/Utilization Help		11/08/2023 12:13 PM
8008	Base Language	Bug	New	Normal	read-json on a 1252 longchar should convert to utf-8 automatically before hydrating temp-tables/datasets, and support other Unicode encodings like UTF-32		12/05/2023 05:51 AM
7997	User Interface	Feature	New	Normal	Encryption for client storage data / registry		11/02/2023 11:32 AM
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
7990	Base Language	Bug	New	Normal	investigate what can be improved after 7494a adds BlockDefinition instance to Scopeable.scopeStart		10/31/2023 01:34 PM
7964	Database	Feature	New	Normal	investigate the benefits of disabling cross-session features of the dirty share database (without completely eliminating all dirty share functionality)		10/25/2023 10:48 AM
7963	Database	Support	New	Normal	disable dirty share database and test existing customer applications		10/25/2023 10:49 AM
7957	Build and Source Control	Support	New	Normal	testcases project setup		11/02/2023 08:42 AM
7943	Database	Feature	New	Normal	improvements in lock management for diagnostics and release of orphaned locks		10/19/2023 04:49 PM
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
7875	Base Language	Feature	New	Normal	Interactive child process launching is broken in GUI		10/04/2023 05:50 PM
7856	User Interface	Bug	New	Normal	Improve parsing of specifications from ini files		09/29/2023 09:46 AM
7855	Database	Bug	New	Normal	Integrate fixEmptyContains into mainWalk at FQL preprocessing		09/29/2023 06:58 AM
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
7850	Build and Source Control	Support	New	Normal	questions and answers about ABLUnit support in FWD		04/20/2024 03:32 PM
7842	Base Language	Feature	New	Low	Make FWD behave the same as OE regarding input through		09/27/2023 07:42 AM
7841	Database	Bug	New	Normal	Invalid conversion of temp table DMO when using clob/blob fields		09/26/2023 09:06 AM
7836	Database	Bug	New	Normal	explicit buffer scope when defined at external program and used in an internal entry		09/22/2023 12:12 PM
7821	Database	Bug	New	Normal	Duplication of table records in schema namespace causes dynamic conversion to fail		09/20/2023 06:11 PM
7814	User Interface	Feature	New	Normal	Supporting translated texts for web login / logout screens		09/19/2023 09:03 AM
7802	Database	Feature	New	Normal	implement INACTIVE index support		09/15/2023 09:03 AM
7793	Database	Bug	New	Normal	incremental conversion with deleted table from .df		09/13/2023 09:43 AM
7788	Database	Bug	New	Normal	NPE when assigning query to browse	Alexandru Donica	10/23/2023 10:57 AM
7786	User Interface	Bug	New	Normal	FOCUS handle must return only field-level widgets		09/11/2023 02:48 AM
7760	Build and Source Control	Support	New	Normal	Testcases - server error on database initialisation		08/30/2023 03:29 AM
7759	Base Language	Bug	New	Normal	improve CASE statement for integer type		08/29/2023 05:01 PM
7714	Conversion Tools	Bug	New	Normal	basepath cannot have trailing backslash (/)		08/17/2023 08:24 AM
7709	User Interface	Feature	New	Normal	ABLUnit support for web clients		08/23/2023 10:15 AM
7685	User Interface	Bug	New	Normal	LEAVE/ENTRY events are raised before MOUSE-UP event.		08/14/2023 01:55 PM
7684	User Interface	Bug	New	Normal	ENTRY event is emitted twice		08/14/2023 01:27 PM

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7675	Runtime Infrastructure	Feature	New	Normal	add missing runtime support for 4GL command line parameters		08/11/2023 10:50 AM
7673	User Interface	Bug	New	Normal	FILL-IN for a character variable: pressing Shift+Delete inserts a dot		08/10/2023 03:45 PM
7671	User Interface	Bug	New	Normal	View statement does not work on o not visible frame		08/10/2023 08:05 AM
7657	User Interface	Bug	New	Normal	8-bit character entry problem in ChUI	Eugenie Lyzenko	05/02/2024 03:51 PM
7656	Base Language	Bug	New	Normal	investigate performance of context-local helpers (e.g. TransactionManager.TransactionHelper)		11/21/2023 07:29 AM
7647	Database	Bug	New	Normal	Leverage internal H2 _ROWID_ with FWD recid	Dănuț Filimon	08/17/2023 03:20 AM
7642	User Interface	Bug	New	Normal	Assigning SESSION:DATE-FORMAT has no effect on existing date instances		07/28/2023 02:53 PM
7633	User Interface	Bug	New	Normal	some trigger issues: PAUSE must not raise a trigger and no PAUSE exists when UPDATE is finished		07/21/2023 03:07 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
7462	Runtime Infrastructure	Bug	New	Normal	fix 'AS' instead of '4GL' in LOG-MANAGER log lines and add an incompatible FWD and FWD-AS for 4GL and AS texts		06/23/2023 01:23 AM
7418	Runtime Infrastructure	Feature	New	Normal	assess the security of the Jetty web server		06/08/2023 08:09 AM
7413	Database	Bug	New	Normal	DUMP-NAME is not guaranteed to be unique in the .df		06/09/2023 10:52 AM
7390	Conversion Tools	Feature	New	Normal	replace DOM with StAX in XmlFilePlugin		06/05/2023 11:36 AM
7386	Base Language	Feature	New	Normal	predefined auditing events support and a better persistence approach for auditing data		05/26/2023 07:52 AM
7377	Runtime Infrastructure	Bug	New	Normal	ServerDriver.connect() should not force server-mode to be turned on		05/23/2023 06:31 AM
7375	Runtime Infrastructure	Bug	New	Normal	Prevent spoofed logs in CentralLogger		05/23/2023 05:45 AM
7371	Database	Bug	New	Normal	proper handling of exception case in cacheExpired		05/22/2023 07:19 AM
7364	Database	Bug	New	Normal	Build a full test-suite for fast copy-temp-table	Andrei Bălteanu	06/26/2023 04:31 AM
7354	Runtime Infrastructure	Bug	New	Normal	do not log keystore/truststore passwords when dumping arguments during spawning		05/19/2023 06:07 AM
7348	Base Language	Feature	New	Normal	mutable proxy implementation		05/11/2023 01:53 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
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
7339	User Interface	Support	New	Normal	UI - Focus		05/10/2023 06:52 AM
7338	User Interface	Support	New	Normal	UI - Layout and Sizing		05/10/2023 06:53 AM
7337	User Interface	Support	New	Normal	UI - Events	Marian Edu	05/10/2023 06:54 AM
7319	Database	Bug	New	Normal	Fix adaptive query test suite from testcases	Alexandru Lungu	08/22/2023 05:12 AM
7318	Conversion Tools	Feature	New	Normal	prevent abend during conversion in case of failures when processing TRPL rules		05/02/2023 08:50 AM
7306	Build and Source Control	Support	New	Normal	standardize how our projects obtain/consume 4GL source code/schemata from customers		04/27/2023 12:03 PM
7280	User Interface	Bug	New	Normal	Broken modality on HTML-BROWSER widget		04/17/2023 10:17 AM

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7279	Runtime Infrastructure	Feature	New	Normal	Enhance CentralLogger to support configurable LogFormatter		04/28/2023 01:32 AM
7257	Conversion Tools	Support	New	Normal	Should deploy.prepare delete all contents of deploy/lib/ before copying?		04/06/2023 10:22 AM
7255	Conversion Tools	Bug	New	Urgent	FWD resolves a OO file not included in conversion, if it exists on disk and on PROPATH		04/05/2023 09:47 AM
7236	Runtime Infrastructure	Bug	New	Normal	Inconsistencies in stderr and logs related to MESSAGE and AppError constructor		03/30/2023 04:12 AM
7220	Database	Bug	New	Normal	Record not created when property is set to empty string		03/27/2023 10:29 AM
7216	Build and Source Control	Support	New	Normal	project build improvements to allow standard creation, archive, recreation steps		03/20/2023 07:44 AM
7200	Base Language	Bug	New	Normal	fix INIT and LABEL for LIKE defined fields or variables		03/15/2023 01:32 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
7179	Conversion Tools	Feature	New	Normal	rework the conversion process to ensure that it can finish an entire run even when there are failures after parsing		03/07/2023 08:20 PM
7178	Conversion Tools	Feature	New	Normal	move the buffer scoping calculations to parse time	Constantin Asofie	03/07/2023 07:41 PM
7176	Base Language	Bug	New	Normal	cleanup p2j.oo code considering the #7045 and #7122		03/07/2023 08:05 AM
7169	Conversion Tools	Feature	New	Normal	drive conversion order using user-specified dependencies	Greg Shah	05/06/2023 09:42 AM
7166	User Interface	Bug	New	Normal	TREEVIEW and TREELIST drag and drop is broken		03/04/2023 09:10 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
7147	Runtime Infrastructure	Feature	New	Normal	Make FWD log outputs consistent		04/17/2023 09:55 AM
7144	User Interface	Bug	New	Normal	Entering multibyte characters in a FILL-IN causes client to abend		02/24/2023 07:08 AM
7126	Base Language	Feature	New	Normal	replace 'new unknown()' with 'unknown.INSTANCE' in FWD conversion and runtime		04/10/2023 10:53 AM
7088	Database	Bug	New	Normal	Lazily initialize activeBundle inside RandomAccessQuery		02/02/2023 06:40 AM
7082	Base Language	Feature	New	Normal	Improve converted call site names		01/27/2023 01:18 PM
7080	Runtime Infrastructure	Feature	New	Normal	replace admin console GWT servlet transport with a REST API		01/27/2023 08:38 AM
7073	Base Language	Bug	New	Normal	Launching non-interactive program creates JNI core dump in process_linux.c due to ncurses		01/25/2023 07:37 AM
7063	Database	Feature	New	Normal	Support FIRST/LAST join directly in H2		01/25/2023 05:38 AM
7047	Database	Bug	New	Normal	Problem with AdaptiveQuery and ScrollableResults		02/21/2023 11:57 AM
7032	User Interface	Feature	New	Normal	implement the EDITOR:EMPTY attribute		01/10/2023 09:00 AM
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
7000	Base Language	Feature	New	Normal	Replace old-style synchronization primitives with java.util.concurrent classes		12/20/2022 07:47 AM
6999	Base Language	Bug	New	Normal	OO methods/properties used in direct Java calls		12/16/2022 03:31 AM
6997	Database	Bug	New	Normal	OUTPUT BY-REFERENCE records are not cleared		03/11/2024 02:16 PM
6996	User Interface	Feature	New	Normal	WebGUI: Analyze the effect of willReadFrequently option on the 2D renderer performance		12/13/2022 03:19 PM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
6994	User Interface	Bug	New	Normal	session:set-wait-state("general") must mimic UI responsiveness and UI mouse pointer behavior		12/13/2022 09:10 AM
6974	Base Language	Bug	New	Normal	NPE at OpenEdge.Core.Class.IsInterface		12/01/2022 07:52 AM
6963	Base Language	Bug	New	Normal	Incorrect conversion of legacy class constructors with an unknown argument of object type		05/01/2023 09:04 AM
6939	Runtime Infrastructure	Feature	New	Normal	improve proxy performance by hard-coding method invocation		12/21/2022 01:19 PM
6938	Database	Feature	New	Normal	XML serilization improvement		11/16/2022 10:16 AM
6925	User Interface	Bug	New	Normal	Initially focused widget shouldn't have dotted selection.		11/11/2022 03:42 PM
6920	User Interface	Bug	New	Normal	Ins and outs of Sikuli for GUI testing		12/08/2022 06:44 PM
6904	Base Language	Bug	New	Normal	fix TRANSACTION block issues		11/02/2022 08:54 AM
6898	Database	Feature	New	Normal	PostgreSQL schema improvements		11/01/2022 08:33 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
6895	Database	Feature	New	Normal	improve performance of BufferReference methods buffer() and definition()		11/08/2023 04:05 AM
6889	Conversion Tools	Bug	New	Normal	rollback the files as 'unconverted' if (incremental) conversion fails.		10/26/2022 02:35 PM
6872	Runtime Infrastructure	Feature	New	Normal	add trace logging for appserver requests		10/20/2022 09:56 AM
6871	Runtime Infrastructure	Feature	New	Normal	add JMX instrumentation to monitor the appserver agents		10/31/2022 12:10 PM
6870	Base Language	Bug	New	Normal	implement a request queue for remote OpenClient connections		10/20/2022 10:36 AM
6869	Build and Source Control	Feature	New	Normal	mirror the FWD dependencies in a proj.goldencode.com repository		10/20/2022 08:38 AM
6862	Conversion Tools	Support	New	Normal	build conversion regression testing tooling		07/12/2023 11:18 AM
6861	Conversion Tools	Support	New	Normal	valid and invalid 4GL syntax (parsing)	Marian Edu	03/27/2023 03:59 AM
6859	Conversion Tools	Support	New	Normal	preprocessor tests	Marian Edu	10/18/2022 06:57 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
6856	User Interface	Support	New	Normal	user interface tests	Marian Edu	08/07/2023 10:19 AM
6853	Build and Source Control	Support	New	Normal	implement automated 4GL compatibility testing and CI/CD		03/31/2023 12:35 PM
6852	Database	Bug	New	Normal	Problem with datetime-tz literal string conversion.		10/18/2022 11:22 AM
6848	Conversion Tools	Support	New	Normal	TRPL questions and issues		10/27/2022 12:35 PM
6844	Runtime Infrastructure	Bug	New	Normal	Implement full support for translating Progress key codes to Windows virtual key codes		10/17/2022 05:11 AM
6835	Database	Bug	New	Normal	deferred work for #6257		10/11/2022 08:51 AM
6823	Database	Feature	New	Normal	improve TemporaryBuffer/RecordBuffer define and buffer delete		10/06/2022 03:25 AM
6822	Base Language	Feature	New	Normal	performance of the FWD proxy implementation		10/06/2022 04:27 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
6814	Base Language	Feature	New	Normal	JMX instrumentation for FWD core, persistence and ORM layers		10/31/2022 05:57 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
6772	Base Language	Feature	New	Normal	increase usage of ASSIGN bracketing		09/20/2022 11:30 AM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
6754	Base Language	Feature	New	Normal	complete BOM support for XmlHelper.readXMLEncoding()		09/14/2022 07:02 AM
6744	Database	Bug	New	Normal	rollback when there are catch/finally blocks opening their own transactions		09/09/2022 12:13 PM
6743	Base Language	Bug	New	Normal	fix GET-SIGNATURE for all parameter modes and types		09/09/2022 12:38 PM
6741	Database	Bug	New	Normal	Word index support for MariaDB.		09/09/2022 01:43 AM
6740	User Interface	Bug	New	Normal	re-enable FRAME_LOCK in annotations/embedded_attribute_assign_rewrite and determine when the lock can be released because of an realization event		09/08/2022 12:58 PM
6738	Conversion Tools	Bug	New	Normal	incremental conversion when deleting program or class files	Constantin Asofie	06/02/2023 10:25 AM
6732	TRPL	Support	New	Normal	discussion of language features		09/03/2022 08:14 AM
6729	Database	Feature	New	Normal	improve database and temp-table toString to write all records without relying on write-json		09/02/2022 02:47 AM
6721	Database	Feature	New	Normal	calculate field lists at conversion time where possible		08/29/2022 07:03 AM
6715	Database	Bug	New	Normal	BufferManager.validate throws IllegalStateException if a validation fails via a ValidateException		10/14/2022 03:04 PM
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
6711	Database	Feature	New	Normal	skip schema AST creation and go directly to .p2o in dynamic temp-table generation		08/25/2022 11:58 AM
6710	Database	Feature	New	Normal	persist dynamic temp-tables across server restarts		08/25/2022 11:56 AM
6707	Database	Support	New	Normal	evaluate the effectiveness of the current approach to ProgressiveResults		08/25/2022 11:37 AM
6706	Conversion Tools	Bug	New	Normal	preserve existing camel-case usage in program names		08/25/2022 11:19 AM
6700	Database	Feature	New	Normal	refactor prodaset conversion to generate a separate/common class which can be reused from all locations referencing the same dataset definition		08/24/2022 05:19 PM
6693	Base Language	Bug	New	Normal	StringFormat fixes - finish up and merge branch 4880a b c		08/23/2022 01:56 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 Asofie	09/29/2022 04:25 PM
6671	Runtime Infrastructure	Bug	New	Normal	Build configurations need "fine tuning"		01/16/2023 05:23 PM
6670	Conversion Tools	Feature	New	Normal	Implement empty-argument preprocessor quirk		08/11/2022 03:17 PM
6669	Conversion Tools	Feature	New	Normal	load all conversion rules from the jar by default and honor the file system if it is there		08/11/2022 11:23 AM
6661	Conversion Tools	Feature	New	Normal	OCX: Implement support for conversion of VARTYPE parameters and properties		08/09/2022 12:18 PM
6646	Runtime Infrastructure	Feature	New	Normal	short circuit legacy REST program invocation		08/01/2022 08:04 AM
6644	Conversion Tools	Bug	New	Normal	OpenClient proxy does not sanitize the names for legacy mode		07/29/2022 08:05 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
6629	Conversion Tools	Bug	New	Normal	incremental conversion for OpenClient proxy programs		07/22/2022 01:53 PM
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
6612	Conversion Tools	Bug	New	Normal	Extent input-output arguments of functions are not correctly wrapped		07/29/2022 08:02 AM
6607	User Interface	Bug	New	Normal	OCX: Implement comparison of OCX object references with 0 (zero) integer		07/18/2022 10:40 AM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
6605	User Interface	Bug	New	Low	OCX property assignment conversion error		07/15/2022 08:40 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
6599	Database	Bug	New	Normal	minimal mode conversion problem with DMO name collision	Eric Faulhaber	08/15/2022 01:11 PM
6594	User Interface	Feature	New	Normal	TabSet Deviations		07/13/2022 09:30 AM
6583	User Interface	Feature	New	Normal	Implement support for TOP-ONLY and ALWAYS-ON-TOP in Web GUI driver		07/06/2022 06:23 AM
6579	Database	Bug	New	Normal	QUERY-PREPARE validation		07/07/2022 02:22 AM
6562	User Interface	Bug	New	Normal	Fix displaying of fonts applied to widgets through LOAD+USE or by changing the parent window		06/28/2022 05:20 AM
6533	Base Language	Bug	New	Normal	dynamic equals operator		06/20/2022 01:11 PM
6529	Runtime Infrastructure	Bug	New	Normal	Incompatible uppercasing.		06/17/2022 10:35 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
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
6509	User Interface	Bug	New	Normal	Update to Keikai 5.10.0		06/09/2022 12:59 PM
6507	Database	Feature	New	Normal	cross-database joins	Ovidiu Maxiniuc	09/09/2022 12:23 AM
6506	Base Language	Feature	New	Normal	implement CGI WebSpeed support and the standard web-disp.p dispatch functionality		06/09/2022 02:24 AM
6503	Database	Bug	New	High	READ-XML automatically populates fields from NESTED relations		06/08/2022 04:55 AM
6500	Base Language	Feature	New	Normal	add equivalent support for -nb command line option		06/07/2022 10:53 AM
6498	Base Language	Feature	New	Normal	add equivalent support for the -errorstack command line option		06/06/2022 12:34 PM
6495	User Interface	Feature	New	Normal	add equivalent support for the undocumented -sbhelp command line option	Eugenie Lyzenko	02/05/2024 08:36 AM
6494	Database	Feature	New	Normal	add equivalent support for the -noduptiderror command line parameter	Eduard Soltan	06/26/2023 04:36 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
6492	Database	Bug	New	Normal	problems with dynamic queries for meta tables		04/25/2024 06:48 PM
6491	User Interface	Bug	New	Normal	ClassCastException seen in stream processing related to GuiDriver		06/06/2022 07:51 AM
6490	Base Language	Feature	New	Normal	DYNAMIC-INVOKE which returns an extent		06/05/2022 02:56 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
6488	Base Language	Support	New	Normal	write tests which use Java Open Client to access the appserver testcases		01/31/2024 07:25 AM
6486	Runtime Infrastructure	Feature	New	Normal	complete the admin console		06/03/2022 08:47 AM
6480	User Interface	Bug	New	Normal	Frame size validation (height/width)		06/01/2022 07:46 AM
6479	Database	Feature	New	Normal	pending DISCONNECT and static buffers		06/08/2022 02:25 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
6474	User Interface	Bug	New	Normal	finish CAN-SET, CAN-QUERY, LIST-QUERY-ATTRS, LIST-SET-ATTRS		05/30/2022 08:59 AM



#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
6473	User Interface	Feature	New	Normal	better approach for default event behavior		05/30/2022 07:48 AM
6471	Runtime Infrastructure	Feature	New	Normal	load/scalability testing and improvements		05/29/2022 04:50 PM
6464	User Interface	Feature	New	Normal	cleanup of some messy parts of the UI implementation		05/29/2022 11:14 AM
6460	User Interface	Bug	New	Normal	AsyncContext completed and/or Request lifecycle recycled		05/27/2022 02:40 PM
6459	Database	Feature	New	Normal	query features	Igor Skornyakov	11/25/2022 05:40 PM
6452	Base Language	Feature	New	Normal	add support for languages		05/27/2022 10:24 AM
6451	Base Language	Feature	New	Normal	I18N phase 4		05/27/2022 10:08 AM
6449	Database	Feature	New	Normal	review SET-DB-CLIENT() function implementation		05/27/2022 10:00 AM
6441	Database	Feature	New	Normal	compatible collation for UTF-8 databases		05/27/2022 12:53 AM
6440	User Interface	Feature	New	Normal	ATTR-SPACE in FILL-IN		05/26/2022 09:14 PM
6439	User Interface	Feature	New	Normal	improve event support		05/26/2022 09:12 PM
6437	User Interface	Feature	New	Normal	FIELD-GROUP:FOREGROUND		05/26/2022 09:09 PM
6436	User Interface	Feature	New	Normal	CLIPBOARD:NUM-FORMATS		05/26/2022 09:08 PM
6435	Runtime Infrastructure	Feature	New	Normal	RedHat/CentOS certification and support		05/26/2022 09:04 PM
6434	Base Language	Bug	New	Normal	unknown stream reference errors in post-parse-fixups		05/26/2022 08:59 PM
6433	Base Language	Feature	New	Normal	implement WEB-CONTEXT system handle		05/26/2022 08:47 PM
6432	Base Language	Feature	New	Normal	implement the WEB special stream		05/26/2022 08:15 PM
6430	Base Language	Feature	New	Normal	implement features dependent upon CPCOLL/CPCASE		06/08/2022 09:34 PM
6429	Base Language	Feature	New	Normal	implement I18N tests and fix issues to make the tests work		05/26/2022 07:41 PM
6428	Base Language	Feature	New	Normal	implement IS-LEAD-BYTE() built-in function		09/13/2023 08:16 AM
6427	Base Language	Feature	New	Normal	finish the COMPARE built-in function		05/26/2022 06:51 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
6419	Base Language	Feature	New	Normal	compatibility testing (and any needed fixes) for security features		05/26/2022 03:27 PM
6416	Base Language	Feature	New	Normal	explore and implement ideas to make OO 4GL more efficient		10/06/2022 10:01 AM
6409	Conversion Tools	Support	New	Normal	generate "railroad style" syntax diagrams for the progress parser		03/03/2023 02:04 PM
6408	Conversion Tools	Feature	New	Normal	add and fix some Analytics reports		05/25/2022 12:37 PM
6389	Base Language	Bug	New	High	LENGTH function with COLUMN option	Ovidiu Maxiniuc	06/07/2022 07:39 AM
6383	User Interface	Bug	New	Normal	TAB-ITEM issues		05/25/2022 09:45 AM
6382	Base Language	Bug	New	Normal	XML serialization for ATTRIBUTE and TEXT XML-NODE-TYPE fields		05/20/2022 07:43 AM
6379	Database	Feature	New	Normal	buffer parameters can work as structural matches (without field name matching)		05/20/2022 07:47 AM
6377	Runtime Infrastructure	Feature	New	Normal	provide tooling (and UI in the admin interface) to manage appserver agents (start/stop/bounce)		01/30/2023 08:50 AM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
6374	User Interface	Bug	New	Normal	Tab-stop widget order should be reset after frame is realized		05/20/2022 04:53 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
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
6369	User Interface	Feature	New	Normal	Frame widget needs specific MOVE-TO-BOTTOM() call implementation		05/16/2022 09:45 AM
6364	Runtime Infrastructure	Feature	New	Normal	implement an option to use Tomcat instead of Jetty as the embedded webserver/servlet container in the FWD server		08/24/2022 05:39 PM
6360	User Interface	Bug	New	Normal	Frame size adjustment		05/13/2022 06:06 AM
6353	Database	Bug	New	Normal	Incompatible data in the _Lock VST		05/11/2022 02:55 PM
6346	Database	Feature	New	Normal	coordinate non-converted code JDBC database edits within the 4GL application transaction		05/10/2022 09:17 PM
6343	Base Language	Feature	New	Normal	class-based appserver exports		05/10/2022 02:39 PM
6342	Base Language	Feature	New	Normal	provide a simple mechanism to call into converted code		05/10/2022 01:06 PM
6341	Runtime Infrastructure	Support	New	Normal	evaluate JNA as a replacement for LIBFFI and/or our built-in COM bridge		05/10/2022 12:53 PM
6340	Runtime Infrastructure	Support	New	Normal	move JNI and native dependencies into the jar		05/10/2022 12:33 PM
6320	Conversion Tools	Feature	New	Normal	sharded schemata		08/24/2022 04:52 PM
6319	Conversion Tools	Feature	New	Normal	IntelliJ plugin		02/10/2023 09:34 AM
6310	Database	Bug	New	Normal	for first "first()", exclusive-lock, raises FWD exception while 4GL raises at the field assign		05/03/2022 09:23 AM
6308	Conversion Tools	Bug	New	Normal	post string literal alternative coding quirk in 4GL preprocessor		04/29/2022 01:49 PM
6298	User Interface	Bug	New	Normal	Display using format		04/26/2022 10:57 AM
6292	Base Language	Feature	New	Normal	nested catch blocks		04/25/2022 01:20 PM
6282	User Interface	Bug	New	Normal	Combo-box VALUE-CHANGED		04/18/2022 08:52 AM
6280	Base Language	Feature	New	Normal	date literal // quirk		05/26/2022 03:24 PM
6270	Conversion Tools	Feature	New	Normal	annotations-based per-file hints		04/11/2022 11:25 AM
6268	Base Language	Bug	New	Normal	Characters encoding issues with UTF-8 for emoji and confusable symbols.		04/12/2022 03:04 AM
6265	Harness	Feature	New	Normal	generate junit-compatible xml results for output		08/18/2022 09:39 AM
6258	User Interface	Bug	New	Normal	SELECTION-LIST: Swing ChUI: SPACE and arrow buttons processing		04/07/2022 06:07 AM
6254	User Interface	Bug	New	Normal	SELECTION-LIST: horizontal scrollbar is always inactive		04/06/2022 06:19 PM
6252	Conversion Tools	Feature	New	Normal	cleanup of p2j.cfg.xml	Constantin Asofiei	02/28/2024 09:43 AM
6251	User Interface	Bug	New	Normal	Swing ChUI: BACK-TAB does not work		04/06/2022 05:49 PM
6250	User Interface	Bug	New	Normal	SELECTION-LIST: declaring event trigger does not suppress normal event processing		04/06/2022 05:34 PM
6249	User Interface	Bug	New	Normal	SELECTION-LIST: lookup items beginning with SPACE issue		04/06/2022 04:25 PM
6248	User Interface	Bug	New	Normal	SELECTION-LIST: No mouse double-click actions		04/06/2022 03:34 PM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
6247	User Interface	Bug	New	Normal	SELECTION-LIST drawing issues in GUI mode		04/06/2022 01:10 PM
6245	User Interface	Bug	New	Normal	SELECTION-LIST: the first item is not initially highlighted in Swing ChUI		04/06/2022 11:11 AM
6242	Database	Bug	New	Normal	PSQLException when creating identity sequence using PostgreSQL dialect		04/06/2022 01:56 PM
6241	User Interface	Bug	New	Normal	NPE in LinuxKeyboardReader when Escape is pressed		04/06/2022 09:51 AM
6240	User Interface	Bug	New	Normal	Context menu should open on mouse down and not mouse click		04/06/2022 06:48 AM
6239	User Interface	Bug	New	Normal	SELECTION-LIST dragging with mouse does not scroll		04/05/2022 05:57 PM
6238	User Interface	Bug	New	Normal	Incorrect focus after frame hidden		04/05/2022 03:31 PM
6234	User Interface	Bug	New	Normal	Frame does not receive focus		04/04/2022 12:21 PM
6227	Runtime Infrastructure	Bug	New	Normal	AcmeClient - unsupported Challenge Type		03/31/2022 12:46 PM
6211	User Interface	Bug	New	Normal	Display changes z-order		03/28/2022 08:36 AM
6187	Database	Feature	New	Normal	eliminate explicit buffer usage in can-find		03/25/2022 06:27 AM
6167	User Interface	Bug	New	Normal	Mouse event processing refactoring/improvement		03/14/2022 01:39 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
6157	User Interface	Feature	New	Normal	Missing widget properties		03/09/2022 06:57 AM
6155	User Interface	Bug	New	Normal	Possibly incorrect widget Z-order		03/08/2022 11:48 AM
6146	User Interface	Bug	New	Normal	Browse abends if non-compatible query is assigned		03/06/2022 07:55 PM
6145	Database	Bug	New	Normal	"Bad" characters in the query.		03/04/2022 07:32 AM
6130	User Interface	Bug	New	Normal	Implement editing for overridden browse fields		03/02/2022 04:59 PM
6118	User Interface	Bug	New	Normal	bug with RADIO-SET (and maybe other widgets) in down frames		03/01/2022 12:01 PM
6117	User Interface	Bug	New	Normal	fix DOWN calculation when multiple FORM, DISPLAY, DEFINE FRAME, iterating block, are involved		03/01/2022 11:34 AM
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
6104	User Interface	Bug	New	Normal	Desktop is fully repainted when a window is moved with WEB driver		02/23/2022 02:47 PM
6087	User Interface	Bug	New	Normal	SPREADSHEET: cell format dialog ignores custom JVM locale		02/22/2022 02:01 PM
6085	Runtime Infrastructure	Bug	New	Normal	NIO SSL hang when starting batch processes from the server		02/21/2022 08:48 AM
6083	Conversion Tools	Feature	New	Normal	schema (.df) changes in incremental conversion mode should only reconvert those programs that reference the changed schema		02/21/2022 08:39 AM
6082	Conversion Tools	Bug	New	Normal	automatically add to conversion list all non-skeleton .cls dependencies		05/02/2023 09:49 AM
6077	User Interface	Bug	New	Normal	Movable widget problem, when using both mouse buttons		02/17/2022 02:25 PM
6076	User Interface	Bug	New	Normal	Help text is not reset when a widget with no help text gains the focus.		02/17/2022 09:37 AM
6073	User Interface	Bug	New	Normal	Improve FRAME:SCROLL option support		02/16/2022 12:14 PM
6028	User Interface	Bug	New	Normal	Define rectangle widget: triggers section is not converted and other issues		02/01/2022 10:21 AM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
6026	User Interface	Bug	New	Normal	line drawing issue in WebGL renderer		01/31/2022 08:43 AM
6007	Database	Bug	New	Normal	Browse scrolls through deleted records		01/24/2022 05:34 PM
6006	User Interface	Bug	New	Normal	JVM process failures while executing the swing client		01/24/2022 02:34 PM
5978	Database	Bug	New	Normal	handle implicit data type conversion in runtime (dynamic) conversion		01/17/2022 02:56 PM
5972	Database	Bug	New	Normal	Finish SQLWarning support for warnings raised by UDFs.		01/14/2022 01:51 PM
5971	User Interface	Bug	New	Normal	The correct order of ENTRY/LEAVE, ROW-ENTRY/ROW-LEAVE, VALUE-CHANGED generated for INSERT-ROW testcases		01/14/2022 06:05 AM
5969	User Interface	Bug	New	Normal	Unacceptable keys shouldn't clear selection in fill-in		01/12/2022 01:06 PM
5968	User Interface	Bug	New	Normal	Integer field misalignment		01/12/2022 12:39 PM
5967	Database	Feature	New	Normal	better handling of errors received from SQL/database server		01/12/2022 12:25 PM
5956	Database	Bug	New	Normal	FWD does not reset AVAILABLE flag after UDF error.		01/08/2022 04:27 AM
5954	Database	Bug	New	Normal	FOR EACH in FWD behaves differently than in 4GL when UDF raises an error		01/07/2022 11:09 AM
5953	Database	Bug	New	Normal	Exceptions raised by UDFs with PRESELECT		01/06/2022 10:48 AM
5930	Database	Bug	New	Normal	With some Java UDFs ERROR-STATUS can contain duplicate error messages		12/28/2021 02:55 AM
5921	User Interface	Bug	New	Normal	Browse multi select - screen-value quirks.		12/22/2021 08:54 AM
5918	User Interface	Bug	New	Low	KEY-CODE for SHIFT-x labels		12/21/2021 03:48 PM
5909	Base Language	Bug	New	Normal	Problem with conversion of STRING(char. char)		12/20/2021 02:25 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
5891	Database	Bug	New	Normal	denormalized properties of extent field cause NPE when accessing attributes of buffer fields		12/14/2021 02:08 PM
5883	Database	Feature	New	Normal	use UUIDs to associate locations in the converted source code with lock operations		12/08/2021 02:49 PM
5875	User Interface	Bug	New	Normal	Initial screen-value of a formatted empty string is incorrect		12/07/2021 05:13 AM
5872	User Interface	Bug	New	Normal	Scrollbar thumb button wrong size		12/06/2021 07:45 AM
5867	Database	Bug	New	Normal	today and now initial values are not handled correctly in DmoMeta.existingFields map		12/02/2021 05:17 PM
5825	User Interface	Bug	New	Low	Enhance WidgetBrowser ContainerTree to evaluate methods from the Widget interface		11/18/2021 10:31 AM
5819	Conversion Tools	Feature	New	Normal	update standard project build.xml to provide targets for backup/restore		11/11/2021 03:10 PM
5802	Database	Bug	New	Normal	a date temp-table field gets assigned to incorrect date		11/09/2021 12:14 PM
5800	Database	Bug	New	Normal	Conversion issue with CAN-FIND		11/02/2021 12:11 PM
5797	User Interface	Bug	New	Normal	Drawing with null widget		11/02/2021 11:00 AM
5784	User Interface	Feature	New	Normal	multi-factor authentication		10/29/2021 10:32 AM
5775	User Interface	Bug	New	Normal	Runtime should handle default formats and setFormat should only be included when needed		10/26/2021 09:15 AM
5767	User Interface	Feature	New	Normal	in virtual desktop mode, we should disallow the user from moving a window outside of the "desktop" (browser window)		12/20/2021 05:43 AM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
5761	Base Language	Bug	New	Normal	replace <code>ErrorMessage.displayError</code> with <code>recordOrThrowError</code> and fix <code>recordOrShowError</code> to morph into a <code>recordOrThrowError</code> in certain cases.		11/08/2022 12:46 PM
5746	Base Language	Feature	New	Normal	More meaningful error message on conversion errors with OO references		10/28/2021 07:10 AM
5745	Base Language	Feature	New	Normal	New access modes: package-private, package-protected		10/20/2021 06:37 AM
5743	Base Language	Bug	New	Normal	finally block: finalizable processing		10/20/2021 01:19 PM
5735	User Interface	Bug	New	Normal	CalendarWidget: problem setting value from datetime-tz objects		10/27/2021 06:01 PM
5729	Base Language	Feature	New	Normal	implement polymorphic reflection support for properties and variables		10/28/2021 04:18 AM
5691	Base Language	Bug	New	Normal	deviation in error generation for invalid method/property chaining		09/29/2021 09:13 AM
5685	Database	Feature	New	Normal	optimization: limit iteration of <code>RecordBuffers</code> in <code>Commitable</code> hooks by scope		09/28/2021 04:24 PM
5683	Database	Bug	New	Normal	Consider using multiple <code>.df</code> files for a database		09/23/2021 04:05 PM
5682	User Interface	Bug	New	Normal	Buttons rendering issues		09/23/2021 10:41 AM
5680	Runtime Infrastructure	Feature	New	Normal	improve error reporting during spawning, authentication and client startup		09/23/2021 05:58 AM
5673	Database	Bug	New	Normal	Additional support for INDEXED REPOSITION open query attribute		07/18/2022 12:28 PM
5663	Runtime Infrastructure	Bug	New	Normal	allow webcertificates details to be specified via files		09/11/2021 07:07 AM
5662	Base Language	Feature	New	Normal	add <code>-WSDLAuth</code> and <code>-SSLAuth</code> (and related) connect options for the web-services handle		09/08/2021 12:26 PM
5635	Base Language	Bug	New	Normal	<code>OpenEdge.Core.Util.ConfigBuilder</code> implementation		08/31/2021 09:27 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
5615	Database	Bug	New	Normal	Project builds should copy out <code>p2jpl.jar</code> from FWD		08/20/2021 04:58 PM
5613	Base Language	Bug	New	Normal	4GL built-in functions throw <code>IllegalArgumentException</code>		08/20/2021 12:07 PM
5608	Base Language	Bug	New	Normal	<code>raw</code> vs <code>memptr</code> parameters		08/18/2021 01:01 PM
5586	Conversion Tools	Feature	New	Normal	move all conversion artifacts/outputs into the <code>cvtdb</code> or into a dedicated directory sub-tree that is separate from the original 4GL code/schema inputs		08/05/2021 11:36 AM
5585	Runtime Infrastructure	Support	New	Normal	rework <code>SessionToken</code> to hide the implementation/eliminate external access to the token itself		08/04/2021 09:59 AM
5584	User Interface	Support	New	Normal	<code>WidgetRegistry.getComponent()</code> is expensive and can be optimized		08/04/2021 07:50 AM
5583	User Interface	Support	New	Normal	<code>MenuGuiImpl</code> redraws everything when only a subset of drawing is needed		08/04/2021 07:47 AM
5582	User Interface	Bug	New	Normal	<code>webgl</code> renderer is significantly slower than <code>canvas2d</code> (performance regression)		08/04/2021 07:33 AM
5581	User Interface	Bug	New	Normal	ChUI slowdown when child OS process holds open input		08/03/2021 05:06 PM
5570	User Interface	Bug	New	Normal	properly support keyboard input for multi-byte charsets		07/29/2021 07:32 AM
5568	Runtime Infrastructure	Support	New	Normal	implement application-specific <code>TERMINFO</code> database overrides	Eugenie Lyzenko	06/22/2023 08:56 AM
5564	User Interface	Bug	New	Normal	Prevent unnecessary triggers to destroyed widgets		07/27/2021 01:25 PM
5554	Runtime Infrastructure	Bug	New	Normal	FWD processed (0) format element in a non-compatible way		07/20/2021 04:42 PM
5551	Conversion Tools	Bug	New	Normal	Case sensitivity of default buffer name		07/16/2021 10:43 AM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
5543	User Interface	Bug	New	Normal	Placement, visibility and dimension issues of down frame children		07/13/2021 12:54 PM
5541	Base Language	Bug	New	Normal	string(decimal, string) support in FWD is not fully compatible with 4GL		07/12/2021 03:57 PM
5540	Database	Bug	New	Normal	can't query meta info for meta tables		07/10/2021 04:29 AM
5539	Base Language	Bug	New	Normal	X-DOCUMENT (DOM) allows ISO control characters in OpenEdge for XML version 1.0		07/10/2021 04:25 AM
5533	User Interface	Bug	New	Normal	Fix artifacts in COMBO-BOX drop down		01/27/2022 11:51 AM
5532	User Interface	Bug	New	Normal	Fix incorrectly rendered convex lines by WebGL renderer		07/08/2021 05:54 AM
5512	Database	Bug	New	Normal	Java todate(text) UDF returns incorrect value		07/02/2021 03:33 PM
5511	Database	Bug	New	Normal	today(text) Java UDF throws strange exception		07/02/2021 01:53 PM
5510	User Interface	Feature	New	Normal	delegated click mode for SYSTEM-DIALOG GET-FILE		07/02/2021 11:51 AM
5489	Conversion Tools	Bug	New	Normal	Cleanup / reimplement merge DMO definitions		06/20/2022 10:24 AM
5476	Database	Bug	New	Normal	Bug in Java UDF addinterval(date, ...)		06/18/2021 03:12 PM
5473	User Interface	Bug	New	Normal	go-pending value is not maintained properly		06/17/2021 10:39 AM
5472	User Interface	Bug	New	Normal	Implement Swing keyboard mapping in a similar manner to web client		06/17/2021 03:15 PM
5453	Database	Feature	New	Normal	optimize FindQuery hasOne and hasAny implementations		06/15/2021 07:12 PM
5449	User Interface	Bug	New	Normal	Focusing issues after APPLY entry TO window		06/14/2021 04:56 PM
5446	Base Language	Bug	New	Normal	PUT UNFORMATTED performance (stream is flushed on each call)		10/01/2021 03:40 PM
5440	Database	Bug	New	Normal	finish DatabaseManager refactoring for implicit/explicit connections		12/06/2021 12:31 PM
5439	Base Language	Bug	New	Normal	com.goldencode.util.Stack problem		06/12/2021 04:53 PM
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
5399	Conversion Tools	Bug	New	Normal	schema parsing failure when a string literal ends in a tilde		06/02/2021 07:17 PM
5398	User Interface	Bug	New	Normal	Fix UNDERLINE and COLOR don't convert to valid Java code for default frame		06/02/2021 05:15 PM
5397	User Interface	Feature	New	Low	TREELIST: implement multi-column sorting		06/02/2021 01:29 PM
5390	User Interface	Bug	New	Normal	Strange tooltip issue in WebGL renderer for WEB client		05/27/2021 09:33 AM
5383	User Interface	Bug	New	Normal	The web client deadlock		05/24/2021 05:09 PM
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
5377	Database	Bug	New	Normal	H2 might block in certain conditions		05/17/2021 06:47 PM
5376	Database	Bug	New	Normal	Reintroduce UDFs for handling special date-related operators		05/17/2021 06:14 PM
5375	User Interface	Bug	New	Normal	Window resizing by mouse dragging problem in WEB client	Hynek Cihlar	05/17/2021 03:06 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
5371	Build and Source Control	Bug	New	Normal	All aspects from p2j.jar applied to project builds indiscriminately		05/14/2021 11:52 AM
5354	Runtime Infrastructure	Support	New	Normal	usage of GraalVM for better performance		05/19/2021 10:10 AM
5300	User Interface	Bug	New	Normal	4GL quirk about assigning SCREEN-VALUE in an editable browse		04/30/2021 02:53 PM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
5288	Base Language	Bug	New	Normal	Some date field character comparisons have runtime incompatibilities during runtime		03/22/2022 02:58 PM
5281	Database	Bug	New	Normal	BUFFER-COPY does not report changes in some modes		04/23/2021 03:15 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
5278	Base Language	Bug	New	Normal	IMPORT UNFORMATTED raw with a process stream		04/22/2021 03:28 PM
5276	Base Language	Bug	New	Normal	resolve issues with multi-byte character processing		09/13/2023 08:17 AM
5274	User Interface	Bug	New	Normal	Cannot select menu items with keyboard in system popup menus		04/21/2021 06:45 PM
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
5254	User Interface	Bug	New	Normal	FWD extension control must follow the lifetime of the counterpart 4GL OCX/ActiveX		04/12/2021 07:25 AM
5253	User Interface	Feature	New	Normal	SPREADSHEET: Create documentation		04/12/2021 04:21 AM
5252	User Interface	Feature	New	Normal	SPREADSHEET: Publish Keikai contribution sources		04/12/2021 04:17 AM
5241	User Interface	Bug	New	Normal	NPE in LogicalTerminal.refreshBuffers		04/06/2021 09:40 AM
5239	Conversion Tools	Bug	New	Normal	CASE WHEN statement: unreachable break statements are sometimes inserted		04/05/2021 04:30 AM
5224	Database	Bug	New	Normal	ROWID is a variable length binary value (4GL quirk)		03/31/2021 09:40 AM
5223	User Interface	Feature	New	Normal	SPREADSHEET: Implement formula circular references		09/14/2021 04:46 AM
5220	Database	Feature	New	Normal	extend word index support to SQL Server		03/29/2021 12:10 AM
5219	Database	Feature	New	Normal	further word index and CONTAINS improvements		03/29/2021 02:46 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
5194	Base Language	Bug	New	Normal	Stream handle - type missing, not deletable	Constantin Asofiei	03/12/2021 09:33 AM
5184	Runtime Infrastructure	Feature	New	Normal	enable non-SSL mode for Jetty		03/06/2021 01:29 PM
5178	User Interface	Bug	New	Normal	Handle APPLY -2 in ChUI		03/04/2021 11:39 AM
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
5170	Runtime Infrastructure	Feature	New	Normal	add support for cloud-based load balancing and WAF		03/08/2021 11:11 AM
5165	Database	Feature	New	Normal	disallow usage of an incompatible database instance		02/25/2021 09:42 AM
5162	Harness	Feature	New	Normal	add REST and SOAP directives		02/23/2021 03:12 PM
5160	Base Language	Feature	New	Normal	About cast() function support	Greg Shah	03/03/2021 12:30 AM
5155	Runtime Infrastructure	Feature	New	Normal	make it easier to deploy custom servlets into the FWD server		02/23/2021 10:07 AM
5153	User Interface	Bug	New	Normal	improvements to down body processing		02/19/2021 07:24 AM
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
5146	Base Language	Feature	New	Normal	record additional legacy class and method data in annotations		02/21/2021 11:28 AM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
5131	Database	Feature	New	Normal	improve management of the cluster and database instances from build.xml		02/04/2021 12:58 PM
5123	Base Language	Bug	New	Normal	Remove sessionFree AppServer configuration parameter	Constantin Asofiei	02/02/2021 11:42 AM
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
5115	User Interface	Bug	New	Normal	Decide and implement PSTimer optimization		01/28/2021 12:10 PM
5112	User Interface	Bug	New	Normal	Static handle type FRAME given to DELETE PROCEDURE or DELETE OBJECT statement. (5428)		01/27/2021 03:32 PM
5111	Base Language	Support	New	Normal	TempTableSchema & BufferField	Constantin Asofiei	01/29/2021 08:28 PM
5104	Base Language	Bug	New	Normal	Cannot cast integer input parameter to dynamic function character parameter		01/28/2021 11:14 AM
5095	Database	Feature	New	Normal	complete the shift from field names to bitsets		01/20/2021 02:31 PM
5085	Database	Bug	New	Normal	uppercasing and string comparisons are incorrect for some character sets		01/15/2021 11:48 AM
5079	User Interface	Bug	New	Low	Incorrect widget name in error message		01/14/2021 12:06 PM
5072	Database	Bug	New	Normal	exception loading _user meta table		01/08/2021 10:30 AM
5061	Runtime Infrastructure	Feature	New	Normal	implement a tool to simplify the deployment/install of a converted application		12/28/2020 09:27 PM
5060	Runtime Infrastructure	Feature	New	Normal	make it easy to configure and setup the runtime		12/28/2020 09:44 PM
5059	Runtime Infrastructure	Feature	New	Normal	make it easy to install FWD		12/28/2020 06:09 PM
5058	Runtime Infrastructure	Feature	New	Normal	write installer for binary FWD distribution		12/28/2020 06:11 PM
5046	Base Language	Bug	New	Normal	ErrorManager - recordOrShowError	Constantin Asofiei	12/18/2020 02:00 AM
5031	User Interface	Bug	New	Normal	concurrency bug in GuiWebSocket.hoverableWidgets and drawingOps		12/13/2020 09:18 AM
5011	Base Language	Bug	New	Normal	unimplemented OO 4GL quirks and bugs		11/20/2020 09:16 AM
5002	Runtime Infrastructure	Feature	New	Normal	implement fast in-memory based network transport for localhost connections		11/12/2020 02:37 AM
5000	Conversion Tools	Feature	New	Normal	create a UI for managing the entire process/lifecyce of a conversion project		11/05/2020 10:56 AM
4999	Conversion Tools	Support	New	Normal	pre-converted Possetnet		11/05/2020 10:31 AM
4998	Conversion Tools	Feature	New	Normal	improve automatic calculation of ADM/ADM2 call graph linkages		11/05/2020 10:21 AM
4997	Conversion Tools	Feature	New	Normal	pre-define Possetnet call-graph hints		11/05/2020 10:18 AM
4992	Base Language	Bug	New	Normal	File lock with JSON Parse/Write File		11/04/2020 06:01 AM
4980	Database	Feature	New	Normal	Investigate the impact of TOAST manipulation in PotgreSQL engine		10/23/2020 11:22 AM
4954	User Interface	Bug	New	Normal	Extent field alignment		10/09/2020 04:27 PM
4953	User Interface	Bug	New	Normal	Frame is not displayed when backing buffer is not available		10/09/2020 03:54 PM
4940	Database	Bug	New	Normal	Refactor the overlapping DmoMeta, RecordMeta, and PropertyMeta classes into a more rational approach		10/02/2020 09:22 AM
4931	Database	Bug	New	Normal	possible ProgressiveResults performance improvement		09/29/2020 12:51 PM



#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
4928	Database	Support	New	Normal	rewrite FieldReference to use lambdas instead of reflection		09/29/2020 10:57 AM
4917	Database	Bug	New	Normal	eliminate redundant ORDER BY elements in multi-table queries	Ovidiu Maxiniuc	10/01/2020 01:16 PM
4912	User Interface	Feature	New	Normal	move UI portions of the web client to the server-side		09/24/2020 11:52 AM
4907	User Interface	Bug	New	Normal	Conversion bug with button triggers		09/18/2020 04:28 PM
4891	Base Language	Bug	New	Normal	Nested method calls ignore 'silent' (no-error) option.		09/15/2020 02:59 AM
4867	Conversion Tools	Bug	New	Normal	Incremental conversion: change detection algorithm ignores .ext-hints files		08/31/2020 12:22 PM
4852	Base Language	Bug	New	Normal	ErrorManager throws 'invalid' ErrorConditionException		08/12/2020 07:50 AM
4849	User Interface	Bug	New	Normal	Swing font size on laptop with HiDPI is too big		08/13/2020 07:35 PM
4825	Database	Bug	New	Normal	OutputTableHandleCopier dynamically defines destination temp-table	Constantin Asofiei	10/20/2020 01:21 PM
4797	Database	Bug	New	Normal	review Persistence.load, as called by RAQ.executeImpl	Eric Faulhaber	07/20/2020 03:00 PM
4767	Base Language	Bug	New	Normal	memptr set-size() issue		07/15/2020 02:56 PM
4766	Base Language	Bug	New	Normal	fix CHR and ASC		04/05/2023 12:43 PM
4765	Base Language	Feature	New	Normal	MAP/NO-MAP support		07/15/2020 02:45 PM
4764	Base Language	Feature	New	Normal	make modifications to FWD so that all I18N testcases work properly		07/15/2020 02:21 PM
4763	Base Language	Feature	New	Normal	replace any hard coded dependencies on charset processing		07/15/2020 02:51 PM
4762	Base Language	Feature	New	Normal	localize system error messages		04/08/2021 10:07 AM
4761	Base Language	Feature	New	Normal	I18N phase 3		04/07/2021 09:39 AM
4752	Database	Bug	New	Normal	Possible broken sort clause with word indexes		07/10/2020 05:13 PM
4742	Database	Bug	New	Normal	heap usage increase on server startup		07/06/2020 12:27 PM
4734	Base Language	Bug	New	Normal	Invalid string to date conversion for non-"mm/dd/yyyy" format		07/06/2020 10:52 AM
4730	User Interface	Feature	New	Normal	Implement support for custom fonts on individual nodes of a TREEVIEW (and TREELIST) widget		07/03/2020 02:50 AM
4723	Database	Feature	New	Normal	make it significantly easier to run database import		08/10/2021 05:53 PM

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