

Issues

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
8659	User Interface	Bug	New	Normal	FWD has no button click animations		04/21/2024 03:50 PM
8656	Runtime Infrastructure	Bug	New	Normal	Dependency de.intarsys.opensource:jPod to be replaced by org.apache.pdfbox:pdfbox		04/19/2024 10:04 AM
8651	Runtime Infrastructure	Feature	New	Normal	Centralize inclusion of JS dependencies		04/22/2024 07:23 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
8593	Database	Bug	Review	Normal	H2 performance improvement for table 'truncate by multiplex'	Constantin Asofiei	04/22/2024 02:44 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
8579	Base Language	Bug	Test	Normal	Unit and OJUnit conversion: ignore annotations from other framework	Vladimir Tsichevski	04/04/2024 05:26 PM
8556	User Interface	Bug	New	Normal	Incorrect frame layout		04/01/2024 01:46 PM
8554	Database	Bug	Test	High	resolving temp-tables in a class hierarchy	Constantin Asofiei	04/07/2024 08:34 PM
8547	FWD	Support	Review	Normal	Fix documentation for Non-Standard Save Cache Implementation	Eric Faulhaber	04/19/2024 01:49 AM
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
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
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
8488	Database	Bug	Test	Normal	improve performance of WRITE-JSON	Constantin Asofiei	03/21/2024 02:27 PM
8459	Database	Bug	WIP	Normal	investigate changing H2 to allow NULL to equal NULL (and the impact on the other compare operators)	Radu Apetrii	03/25/2024 02:53 AM
8451	Database	Bug	Test	Normal	improve performance of H2 String column comparison	Constantin Asofiei	03/21/2024 02:47 PM
8446	User Interface	Bug	Test	Normal	REGRESSION: incorrect return value in ThinClient.waitForEvent	Vladimir Tsichevski	03/13/2024 07:56 PM
8397	User Interface	Bug	New	Normal	Window ID is not used in messageBox method in ThinClient		03/05/2024 06:52 AM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
8388	Database	Feature	New	Normal	alternative implementation of same-session dirty sharing		03/12/2024 06:47 AM
8383	Runtime Infrastructure	Bug	Review	Normal	Some JsonObject methods create a LOG-MANAGER record in silent	Galya B	04/15/2024 03:45 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
8353	User Interface	Bug	WIP	Normal	Fully support stanza INI LOAD/USE/UNLOAD scenarios	Roger Borrello	04/20/2024 11:01 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
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
8281	Runtime Infrastructure	Bug	Test	Normal	Use CacheManager for DynamicQueryHelper and DynamicValidationHelper	Dănuț Filimon	02/19/2024 03:55 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
8261	User Interface	Bug	Internal Test	Normal	REGRESSION: delete selection works incorrectly for a left-aligned decimal FILL-IN	Vladimir Tsichevski	02/09/2024 01:17 PM
8260	User Interface	Bug	Feedback	Normal	treelist sorting column with null and empty string values does not produce correct result	Eric Faulhaber	04/02/2024 05:15 PM
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
8239	User Interface	Bug	WIP	Normal	SELECTION-LIST set SCREEN-VALUE regression from trunk rev. 14821	Radu Apetrii	02/05/2024 07:08 AM
8226	User Interface	Bug	New	Normal	Arrow keys on numpad do not work in FWD		01/27/2024 03:11 PM
8214	Database	Bug	WIP	Normal	Split Persister into SQLPersister and InMemoryPersister	Alexandru Lungu	01/30/2024 11:12 AM
8212	Database	Bug	New	Normal	FILL operations do not work correctly with active dataset relations		01/23/2024 02:08 PM

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8210	User Interface	Bug	Test	Normal	REGRESSION: separator should not show in date editing FILL-IN in ChUI when FILL-IN is cleared	Vladimir Tsichevski	01/30/2024 09:14 AM
8209	User Interface	Bug	New	Normal	FieldGroup tabItems out of sync after widget is dynamically deleted		01/22/2024 09:03 AM
8206	Runtime Infrastructure	Bug	WIP	Normal	Logging manager issues	Theodoros Theodorou	02/15/2024 03:00 PM
8204	User Interface	Bug	Test	Normal	REGRESSION: separator should not show in a new date editing browse shell for unknown value		01/29/2024 01:17 PM
8200	Database	Bug	New	Normal	Explicit buffer used instead of the implicit one for a persistent table		01/16/2024 07:54 AM
8196	Database	Bug	Test	Normal	Reduce number of AbstractTempTable._hasRecords calls to avoid BufferManager.activeBuffers	Dănuț Filimon	02/01/2024 07:46 AM
8183	Database	Bug	WIP	Normal	debugging database module		01/11/2024 06:11 PM
8154	Base Language	Bug	WIP	Normal	refactor scopeable stacks	Constantin Asofiei	04/01/2024 06:41 PM
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
8084	Base Language	Bug	Test	Normal	refactor the 'execute' method for legacy classes	Constantin Asofiei	12/14/2023 12:18 PM
8074	User Interface	Bug	Test	Normal	Preferred UI Theme not selected in web with auto-login and forked sessions	Galya B	02/15/2024 03:53 AM
8067	Database	Feature	WIP	Normal	investigate adding automatically adding a FIELDS clause for simple record blocks	Eduard Soltan	12/21/2023 11:23 AM
8062	TRPL	Feature	WIP	Normal	add a SWITCH rule in TRPL	Constantin Asofiei	12/01/2023 05:38 PM
8060	Runtime Infrastructure	Bug	New	Normal	Admin Console login fails every first time (AdminServerImpl.setTargetLive)		11/20/2023 07:25 AM
8044	Database	Bug	Test	Normal	Fix "Failed direct-access due to Error direct accessing for finding record by unique index" messages	Dănuț Filimon	03/14/2024 03:48 PM
8030	Database	Bug	Test	Urgent	unique index violation when creating a record in two sessions	Dănuț Filimon	11/29/2023 03:31 AM
8025	Database	Bug	New	Normal	Persistence API improvements		11/10/2023 09:37 AM
8020	Runtime Infrastructure	Support	New	Normal	Remote Launcher for Dummies - Configuration/Utilization Help		11/08/2023 12:13 PM
8012	User Interface	Bug	WIP	Normal	Fix combo-box corner cases	Radu Apetrii	11/22/2023 05:25 AM
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

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7999	Database	Bug	Review	Normal	FWD does not honor FIELDS/EXCEPT at dynamic queries	Eduard Soltan	02/09/2024 03:59 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
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
7991	Database	Bug	WIP	High	use ScrollingResults instead of ProgressiveResults when FORWARD-ONLY mode and database cursors are available.	Dănuț Filimon	02/19/2024 09:21 AM
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
7960	Database	Feature	New	Normal	Allow query logs to be collected in a H2 database	Ioana-Cristina Prioteasa	04/12/2024 06:41 AM
7957	Build and Source Control	Support	New	Normal	testcases project setup		11/02/2023 08:42 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
7943	Database	Feature	New	Normal	improvements in lock management for diagnostics and release of orphaned locks		10/19/2023 04:49 PM
7924	Database	Bug	Review	High	add support for creating an empty database	Dănuț Filimon	02/09/2024 10:36 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
7884	User Interface	Feature	Review	Normal	Standard 4GL methods used for login screen authentication to be exposed in sessionless helper classes		01/19/2024 03:33 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
7875	Base Language	Feature	New	Normal	Interactive child process launching is broken in GUI		10/04/2023 05:50 PM
7873	Base Language	Bug	Test	Normal	conversion issues with dataset/table parameters for class events	Constantin Asofiei	10/05/2023 06:26 AM
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

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7799	Runtime Infrastructure	Feature	WIP	Normal	automated vulnerability scanning	Tomasz Domin	04/17/2024 02:04 PM
7794	User Interface	Bug	WIP	Normal	FILL-IN: editing numbers issues		02/20/2024 12:53 PM
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
7779	User Interface	Bug	Feedback	Normal	ChUI Swing: focus does not move backward with Shift-TAB key		09/11/2023 04:11 PM
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
7742	User Interface	Bug	WIP	Normal	NPE on LinuxKeyboardReader when pressing Escape in ChUI Swing application	Hynek Cihlar	08/23/2023 01:54 PM
7737	Database	Bug	WIP	Normal	QueryWrapper should either show or throw errors depending on the query type	Dănuț Filimon	08/23/2023 08:54 AM
7731	Database	Bug	Test	Normal	performance improvements for FQLPreprocessor	Dănuț Filimon	11/28/2023 09:43 AM
7722	Base Language	Bug	WIP	Normal	improve performance of equals/not equals when used with character/longchar	Dănuț Filimon	08/24/2023 07:45 AM
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
7675	Runtime Infrastructure	Feature	New	Normal	add missing runtime support for 4GL command line parameters		08/11/2023 10:50 AM
7674	User Interface	Bug	Review	Normal	FILL-IN for a character variable: cannot delete an unknown value		08/15/2023 01:14 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
7667	Database	Bug	WIP	Normal	Support OUTER-JOIN with PRESELECT at conversion	Andrei Bălțeanu	01/11/2024 05:51 AM
7657	User Interface	Bug	New	Normal	8-bit character entry problem in ChUI	Eugenie Lyzenko	04/12/2024 01:45 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
7646	User Interface	Bug	WIP	Normal	FILL-IN: NPE during the PASTE of non-text clipboard contents	Vladimir Tsichevski	07/31/2023 07:20 AM
7645	Database	Bug	Test	High	Simplify _meta database initialization by removing <schema>.meta.xml resource	Ovidiu Maxiniuc	03/19/2024 08:43 PM
7644	Base Language	Bug	Test	Normal	load all legacy enums on FWD server startup	Constantin Asofiei	07/31/2023 08:01 AM
7643	Base Language	Bug	Test	Normal	memory leak in AssociatedThread	Constantin Asofiei	07/31/2023 08:41 AM
7642	User Interface	Bug	New	Normal	Assigning SESSION:DATE-FORMAT has no effect on existing date instances		07/28/2023 02:53 PM
7641	Database	Bug	Review	High	Lower the number of Map.get() calls in the persistence layer	Alexandru Lungu	09/13/2023 11:55 AM
7635	Runtime Infrastructure	Bug	Test	Normal	RemoteObject defaults to 'tracing' mode	Galya B	08/30/2023 07:27 AM

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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
7608	Harness	Bug	Feedback	Normal	Features supporting regression testing	Tomasz Domin	09/29/2023 03:56 PM
7589	Runtime Infrastructure	Bug	Test	Normal	org.slf4j.impl.StaticLoggerBinder when deploying p2j.jar in tomcat	Galya B	01/11/2024 09:12 AM
7567	Database	Bug	WIP	Normal	use Session.PK instead of DatabaseManager.PRIMARY_KEY wherever possible	Dănuț Filimon	11/15/2023 08:23 AM
7535	Database	Bug	Test	Normal	Temporary tables require trailing recid component even for unique indexes	Dănuț Filimon	11/07/2023 03:05 AM
7515	User Interface	Bug	WIP	Normal	FILL-IN: editing dates issues		01/30/2024 07:48 AM
7504	Database	Bug	WIP	Normal	Export data tool from FWD into .d files	Alexandru Lungu	08/22/2023 04:57 AM
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
7496	Database	Bug	WIP	Normal	finish support for query:forward-only attribute	Dănuț Filimon	02/12/2024 02:39 AM
7489	Database	Bug	WIP	Normal	Lazily initialize DMO signature	Alexandru Lungu	08/22/2023 09:02 AM
7488	Database	Bug	Test	Normal	Slow fast-copy with before tables in H2	Radu Apetrii	09/11/2023 05:55 AM
7484	Base Language	Bug	Test	Normal	decimal format - left-side 'balance' must include group separators	Constantin Asofiei	07/11/2023 01:28 PM
7474	Database	Bug	WIP	Normal	FindQuery provides the wrong result because the record is not updated in the database	Radu Apetrii	03/15/2024 01:30 PM
7473	Database	Bug	Review	Normal	rewrite toString() implementation for Dataset, StaticTempTable and TempTableBuilder to be pure-sql and don't rely on WRITE-JSON	Eduard Baciu	04/22/2024 09:01 AM
7467	Database	Bug	Test	Normal	join on meta table	Ovidiu Maxiniuc	07/17/2023 12:26 PM
7466	Database	Feature	WIP	Normal	Using a different database connection to work around sequence specific issues		06/26/2023 03:06 PM
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
7460	Base Language	Bug	Merge Pending	High	implement Progress.Lang.Class:getMethods	Marian Edu	12/04/2023 03:25 AM
7459	Database	Feature	WIP	Normal	Implement BucketIndex in FWD-H2 to support multiplex	Alexandru Lungu	07/03/2023 06:42 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
7449	Database	Bug	Test	High	unqualified _File buffer must target the first database in the connection list	Constantin Asofiei	07/05/2023 11:22 AM
7438	Base Language	Bug	Review	Normal	the label in the UNDO <lbl>, THROW is not validated or used in 4GL	Constantin Asofiei	06/16/2023 07:16 AM
7425	Runtime Infrastructure	Bug	Test	Normal	Avoid directory usage in static blocks	Dănuț Filimon	07/18/2023 07:23 AM
7421	Database	Bug	WIP	Normal	Check only the indexes that were changed when using Validation.checkMaxIndexSize	Dănuț Filimon	07/26/2023 03:29 AM
7420	Database	Bug	Test	Normal	Optimize Cursor for scrolling AdaptiveQuery	Dănuț Filimon	11/01/2023 11:29 AM
7418	Runtime Infrastructure	Feature	New	Normal	assess the security of the Jetty web server		06/08/2023 08:09 AM
7416	Database	Feature	Test	Normal	Reiterate DatabaseStatistics and leverage to other database profiling tools	Radu Apetrii	01/05/2024 04:04 AM
7413	Database	Bug	New	Normal	DUMP-NAME is not guaranteed to be unique in the .df		06/09/2023 10:52 AM
7403	Database	Bug	Review	Normal	Copy-temp-table with replace-mode should replace already inserted records	Radu Apetrii	08/23/2023 03:33 AM
7390	Conversion Tools	Feature	New	Normal	replace DOM with StAX in XmlFilePlugin		06/05/2023 11:36 AM

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7388	Database	Bug	Test	Normal	Create server configuration container for cache sizes	Dănuț Filimon	07/18/2023 02:18 PM
7386	Base Language	Feature	New	Normal	predefined auditing events support and a better persistence approach for auditing data		05/26/2023 07:52 AM
7382	Database	Feature	Test	Normal	Check performance of delete from vs drop table in H2	Alexandru Donica	02/02/2024 12:04 PM
7379	Database	Feature	Test	Normal	cache the def and bound DMO property info in TemporaryBuffer\$ReferenceProxy	Constantin Asofiei	05/26/2023 10:57 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
7368	User Interface	Bug	Test	Normal	Hotel GUI "Guests Accommodation Report" crashes web version	Hynek Cihlar	05/23/2023 07:20 AM
7366	Database	Feature	WIP	Normal	improve performance of buffer.fill	Constantin Asofiei	04/22/2024 12:36 PM
7364	Database	Bug	New	Normal	Build a full test-suite for fast copy-temp-table	Andrei Bălteanu	06/26/2023 04:31 AM
7363	Database	Feature	Test	Normal	Improve H2 Value caching, hashing and equals	Alexandru Lungu	08/22/2023 09:35 AM
7358	Database	Bug	Test	Normal	Optimize Session.invalidateRecords	Alexandru Lungu	05/29/2023 05:31 AM
7355	Database	Bug	Test	Urgent	regression in row structure calculation for DATETIME-TZ when join is used on temp-tables	Alexandru Lungu	05/30/2023 04:49 AM
7354	Runtime Infrastructure	Bug	New	Normal	do not log keystore/truststore passwords when dumping arguments during spawning		05/19/2023 06:07 AM
7352	Database	Bug	WIP	Normal	Mismatching results when comparing case-insensitive/case-sensitive values between 4GL and FWD	Eduard Soltan	07/11/2023 02:50 AM
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
7334	Database	Bug	Test	Normal	Reclaim used sessions to improve performance	Dănuț Filimon	02/12/2024 02:29 AM
7329	Database	Bug	Test	Normal	improve FieldReference resolution of getter/setter/extent accessors	Radu Apetrii	05/29/2023 09:43 AM
7323	Database	Feature	Test	Urgent	Implement soft unique index in FWD-H2	Radu Apetrii	03/21/2024 08:43 AM
7321	Database	Bug	Test	Normal	Improve FWD-H2 wildcard projection	Dănuț Filimon	05/29/2023 02:41 AM
7320	Database	Feature	WIP	Normal	Extend H2 tester from Hotel GUI	Alexandru Donica	08/22/2023 05:12 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
7299	Base Language	Bug	Test	Normal	resolution of the target OO method in chained calls with poly arguments	Constantin Asofiei	11/01/2023 06:09 AM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
7280	User Interface	Bug	New	Normal	Broken modality on HTML-BROWSER widget		04/17/2023 10:17 AM
7279	Runtime Infrastructure	Feature	New	Normal	Enhance CentralLogger to support configurable LogFormatter		04/28/2023 01:32 AM
7267	Database	Bug	Test	Normal	CompoundQuery FOR FIRST, EACH only retrieves the first record found		05/02/2023 07:21 AM
7258	Database	Bug	Test	Normal	Optimize INDEX-INFORMATION with closed dynamic queries	Alexandru Lungu	04/25/2023 05:11 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
7252	Database	Bug	WIP	Normal	Use direct-access to support for-each queries without WHERE and BY clauses	Radu Apetrii	02/08/2024 09:01 AM
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
7211	Database	Bug	WIP	Normal	Several H2 connections for one single session	Radu Apetrii	06/01/2023 08:30 AM
7200	Base Language	Bug	New	Normal	fix INIT and LABEL for LIKE defined fields or variables		03/15/2023 01:32 PM
7198	Base Language	Bug	Test	Normal	conversion of empty UPDATE/SET/PROMPT-FOR statements	Constantin Asofiei	06/05/2023 10:20 AM
7194	Database	Feature	Test	Normal	Avoid generating an ORDER-BY clause if not required	Radu Apetrii	07/21/2023 10:51 AM
7185	Database	Bug	Test	Normal	H2 in-memory lazy hydration	Dănuț Filimon	07/21/2023 02:39 AM
7184	Base Language	Bug	Review	Normal	Incorrect conversion of concatenated string literals to a LONGCHAR	Vladimir Tsichevski	09/18/2023 03:11 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 Asofiei	03/07/2023 07:41 PM
7176	Base Language	Bug	New	Normal	cleanup p2j.o code considering the #7045 and #7122		03/07/2023 08:05 AM
7175	Base Language	Bug	Review	Normal	substitute: incorrect handling of unknown longchar values	Vladimir Tsichevski	03/07/2023 04:51 AM
7174	Database	Bug	Test	Normal	Resolve simple CAN-FIND statements faster	Dănuț Filimon	04/20/2023 07:14 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
7165	Database	Bug	Test	Normal	Close multiplex scope using prepared statement	Alexandru Lungu	04/20/2023 07:13 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

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
7140	TRPL	Bug	Test	Normal	refactor goldencode.expr.Compiler to use Boolean.FALSE/TRUE instead of new Boolean(condition).	Constantin Asofiei	05/23/2023 07:37 AM
7132	Database	Bug	WIP	Normal	Eliminate for-each loops and lambda in FWD-H2 code	Radu Apetii	02/27/2023 08:45 AM
7126	Base Language	Feature	New	Normal	replace 'new unknown()' with 'unknown.INSTANCE' in FWD conversion and runtime		04/10/2023 10:53 AM
7122	Base Language	Feature	WIP	Normal	convert default getter/setter as plain Java methods	Constantin Asofiei	03/14/2024 03:17 PM
7120	Database	Bug	Test	Normal	NO-UNDO dynamic temp-table does not set the NO-UNDO at the .schema	Ovidiu Maxiniuc	02/15/2023 03:58 AM
7113	Database	Bug	Review	Normal	Problem with nested CAN-FIND conversion	Ovidiu Maxiniuc	11/29/2023 11:56 AM
7089	Base Language	Bug	WIP	Normal	sanitize p2j.oo method signature	Constantin Asofiei	02/15/2023 05:21 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
7066	Database	Feature	WIP	Normal	Implement multi-table indexed query in H2	Radu Apetii	12/19/2023 09:59 AM
7063	Database	Feature	New	Normal	Support FIRST/LAST join directly in H2		01/25/2023 05:38 AM
7062	Database	Feature	Test	Normal	Direct access to H2 internals to solve basic queries	Alexandru Lungu	06/09/2023 03:31 AM
7060	Database	Feature	Test	Normal	Consider using wildcard selection to reduce SQL size	Alexandru Lungu	04/20/2023 07:12 AM
7059	Database	Bug	WIP	Normal	FWD shouldn't raise errors for non-numeric extent indexes.	Dănuț Filimon	06/27/2023 08:04 AM
7058	Database	Support	WIP	Normal	get the FWD fork of the H2 code base under version control	Alexandru Lungu	02/16/2023 09:11 AM
7047	Database	Bug	New	Normal	Problem with AdaptiveQuery and ScrollableResults		02/21/2023 11:57 AM
7045	Base Language	Feature	Test	Urgent	re-implement "normal" (non-abend) stack unwinding to avoid throwing an exception	Eduard Soltan	03/21/2024 04:26 AM
7037	Database	Feature	Test	Normal	remove dirty share manager	Stanislav Lomany	05/31/2023 03:24 PM
7032	User Interface	Feature	New	Normal	implement the EDITOR:EMPTY attribute		01/10/2023 09:00 AM
7020	Database	Feature	Review	Normal	always use "expanded" extent fields	Ovidiu Maxiniuc	01/24/2024 09:28 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
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
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
6993	Base Language	Bug	Review	Normal	OO: incorrect field names in DataTypeEnum.java	Vladimir Tsichevski	12/14/2022 07:42 AM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
6978	User Interface	Feature	WIP	Normal	Editor widget performance optimization	Eugenie Lyzenko	12/05/2022 01:54 PM
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
6940	Database	Bug	Test	High	unqualified field name resolution when there is an explicit buffer defined in an internal procedure	Constantin Asofiei	11/21/2022 07:40 AM
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
6936	Base Language	Feature	WIP	High	OpenClient with null values at the DataObject (table) fields for native types	Constantin Asofiei	11/16/2022 01:40 PM
6925	User Interface	Bug	New	Normal	Initially focused widget shouldn't have dotted selection.		11/11/2022 03:42 PM
6923	Database	Bug	WIP	Normal	inner transaction block reverts too much	Radu Apetrii	11/23/2022 06:20 AM
6920	User Interface	Bug	New	Normal	Ins and outs of Sikuli for GUI testing		12/08/2022 06:44 PM
6919	Database	Bug	Review	High	fix ErrorManager.displayError in TempTableBuilder	Boris Schegolev	03/09/2023 03:03 PM
6904	Base Language	Bug	New	Normal	fix TRANSACTION block issues		11/02/2022 08:54 AM
6901	Conversion Tools	Bug	Test	Normal	Event handling - ON ANYWHERE	Marian Edu	11/21/2022 01:06 PM
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
6887	Database	Bug	Review	Normal	improve performance of dataset/table[-handle] parameters		01/19/2024 02:43 AM
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
6868	Database	Bug	Feedback	Normal	MariaDB Dialect can't properly check if a sequence exists		10/24/2022 07:05 AM
6863	Build and Source Control	Support	WIP	Normal	implement CI/CD servers and the rules for each set of tests	Hynek Cihlar	04/25/2023 02:38 PM
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
6860	Conversion Tools	Support	WIP	Normal	lexer tests	Marian Edu	03/27/2023 03:33 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
6855	Database	Support	WIP	Normal	database/persistence tests	Marian Edu	11/06/2023 04:23 AM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
6854	Base Language	Support	WIP	Normal	base language tests	Marian Edu	02/15/2024 12:29 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
6837	Database	Bug	WIP	Normal	prevent unnecessary upper/rtrim injection in queries if the data type doesn't require it		02/08/2023 04:00 AM
6835	Database	Bug	New	Normal	deferred work for #6257		10/11/2022 08:51 AM
6834	Database	Bug	WIP	Normal	RAQ navigation on records having NULL values on same index components	Dănuț Filimon	07/10/2023 07:18 AM
6827	Base Language	Feature	WIP	Normal	reduce the memory footprint of WrappedResource implementations: replace BDTs with Java types	Constantin Asofiei	01/20/2023 09:23 AM
6826	Base Language	Feature	Review	Normal	reduce the BDT usage in FWD runtime	Constantin Asofiei	03/25/2024 08:37 AM
6825	Database	Feature	WIP	Normal	improve table meta runtime (TableMapper and other)	Alexandru Donica	01/30/2024 12:50 PM
6824	Base Language	Feature	WIP	Normal	lazy initialization of collection class members	Constantin Asofiei	01/20/2023 09:21 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
6821	Base Language	Feature	WIP	Normal	java collection performance	Stanislav Lomany	03/03/2023 07:00 AM
6820	Base Language	Feature	Review	Normal	reduce String.toLowerCase and toUpperCase usage and String instances	Hynek Cihlar	02/15/2023 04:17 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
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
6817	Base Language	Feature	Test	Normal	replace INSTANTIATING-PROCEDURE and other handle<ExternalProgram> with the actual referent	Hynek Cihlar	01/17/2023 02:35 AM
6816	Database	Feature	Internal Test	Normal	improve PreselectQuery.assembleHQL	Radu Apetrii	01/19/2024 05:15 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
6814	Base Language	Feature	New	Normal	JMX instrumentation for FWD core, persistence and ORM layers		10/31/2022 05:57 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
6812	Database	Bug	Internal Test	High	fix FastFindCache to use a shared instance per persistent database		11/29/2023 10:59 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
6810	Database	Bug	Review	High	NPE in PreselectQuery.assembleFromClause	Constantin Asofiei	10/05/2022 11:08 AM
6809	Database	Bug	Test	High	find current ... exclusive-lock no-wait. not working	Eric Faulhaber	10/10/2022 05:44 AM
6772	Base Language	Feature	New	Normal	increase usage of ASSIGN bracketing		09/20/2022 11:30 AM
6767	Database	Bug	Review	Normal	Possible name clashes in DMO classes	Vladimir Tsichevski	12/25/2023 07:04 AM
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

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
6764	User Interface	Feature	Review	Normal	Improve trigger selection for keyboard events.	Marian Edu	12/21/2022 10:35 AM
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 a realization event		09/08/2022 12:58 PM
6738	Conversion Tools	Bug	New	Normal	incremental conversion when deleting program or class files	Constantin Asofiei	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
6720	Database	Feature	WIP	Normal	lazy hydration	Alexandru Lungu	02/14/2024 07:30 AM
6715	Database	Bug	New	Normal	BufferManager.validate throws IllegalStateException if a validation fails via a ValidateException		10/14/2022 03:04 PM
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
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
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
6709	Database	Support	WIP	Normal	track nested FIND inside a related FOR loop	Dănuț Filimon	01/06/2023 02:51 AM
6708	Database	Support	Review	Normal	track/report at runtime when AdaptiveQuery shifts into dynamic mode	Dănuț Filimon	12/08/2022 05:57 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
6703	Database	Bug	WIP	Normal	loading schema table DMO interface with no defined fields	Ovidiu Maxiniuc	10/05/2022 02:21 PM
6700	Database	Feature	New	Normal	refactor prodataset 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
6699	Database	Bug	WIP	Normal	TemporaryBuffer\$Multiplexer memory leak in global block	Constantin Asofiei	09/15/2022 01:24 PM
6695	Database	Feature	WIP	Normal	Multi-table preselect query may underperform due to repetitive fetching	Radu Apetrii	11/09/2022 12:47 PM
6693	Base Language	Bug	New	Normal	StringFormat fixes - finish up and merge branch 4880a b c		08/23/2022 01:56 AM
6692	Runtime Infrastructure	Feature	Internal Test	Normal	move FWD to Java 17	Tomasz Domin	04/23/2024 02:15 AM
6679	Database	Support	Internal Test	Normal	H2 general performance tuning		01/24/2024 02:06 AM
6677	Harness	Feature	Review	Normal	Performance test mode	Tomasz Domin	02/22/2024 02:25 AM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
6676	User Interface	Bug	Review	Normal	BACK-TAB jumps by two widgets at once	Eugenie Lyzenko	08/16/2022 10:34 AM
6673	Runtime Infrastructure	Feature	New	Normal	rework appserver agent approach to use a shared queue instead of a check-in/check-out registry	Constantin Asofiei	09/29/2022 04:25 PM
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
6650	Base Language	Feature	WIP	Normal	improve performance of Scopeable notification in TM.processScopeNotifications	Constantin Asofiei	12/21/2023 02:39 PM
6649	Base Language	Feature	Test	Urgent	improve the performance of SourceNameMapper runtime	Dănuț Filimon	12/23/2023 02:34 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
6642	Conversion Tools	Bug	Review	Normal	improve parsing memory footprint	Constantin Asofiei	07/29/2022 06:51 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
6636	User Interface	Bug	WIP	Normal	Unwanted selection due to direct manipulation	Stanislav Lomany	07/25/2022 11:44 AM
6630	Database	Feature	Test	Normal	optimize return of table parameter	Dănuț Filimon	06/23/2023 03:12 AM
6629	Conversion Tools	Bug	New	Normal	incremental conversion for OpenClient proxy programs		07/22/2022 01:53 PM
6628	Database	Feature	WIP	Normal	port PostgreSQL native user defined functions to MariaDB	Dănuț Filimon	02/20/2024 07:57 AM
6627	Conversion Tools	Bug	Review	Normal	improve conversion memory footprint for AstKey persistent maps		02/09/2023 12:38 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
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
6591	Database	Bug	WIP	Normal	DMO collisions with converted program/legacy class name or FWD classes	Constantin Asofiei	07/12/2022 02:38 PM
6586	Database	Bug	Test	Normal	parser/conversion bug when a database alias is used	Constantin Asofiei	07/07/2022 12:23 PM
6584	Database	Feature	Review	Normal	implement schema hint which generates a POJO in addition to a DMO interface	Ovidiu Maxiniuc	07/19/2022 12:55 PM
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
6582	Database	Feature	WIP	Normal	implement multi-table AdaptiveQuery	Alexandru Lungu	02/27/2023 03:56 AM
6579	Database	Bug	New	Normal	QUERY-PREPARE validation		07/07/2022 02:22 AM
6577	Database	Bug	Review	Normal	move RecordBuffer.oofields at the DMO meta	Ovidiu Maxiniuc	07/20/2022 04:51 AM
6570	Base Language	Bug	WIP	Normal	stale procedure leak when appservers are used	Alexandru Lungu	03/21/2024 09:29 AM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
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
6537	Base Language	Bug	WIP	High	problems with ADD-INTERVAL		06/23/2022 05:23 PM
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
6524	Database	Bug	Test	High	BUFFER-COPY does not create a record in the before-table	Ovidiu Maxiniuc	06/17/2022 06:11 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
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
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
6496	Database	Feature	Test	High	add equivalent support for -trig command line option	Alexandru Donica	02/02/2024 11:36 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
6494	Database	Feature	New	Normal	add equivalent support for the -noduptidxerror 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		06/06/2022 10:39 AM
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
6485	Database	Bug	Test	High	tracking-changes can be set if a temp-table has at least a buffer attached to a dataset	Ovidiu Maxiniuc	07/06/2022 02:17 PM
6482	Base Language	Bug	Test	High	POLY version of ArrayAssigner.assignMulti, when the r-value can be an extent or scalar	Ovidiu Maxiniuc	06/07/2022 07:37 AM
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
6478	Database	Bug	Test	High	validate arguments for DYNAMIC-CURRENT-VALUE, DYNAMIC-SET-VALUE and DYNAMIC-NEXT-VALUE	Ovidiu Maxiniuc	06/02/2022 05:35 PM
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

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
6474	User Interface	Bug	New	Normal	finish CAN-SET, CAN-QUERY, LIST-QUERY-ATTRS, LIST-SET-ATTRS		05/30/2022 08:59 AM
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
6457	Database	Feature	WIP	Normal	finish COPY-LOB support	Stanislav Lomany	10/17/2022 10:33 AM
6454	Database	Feature	Review	Normal	database informational features	Igor Skornyakov	01/06/2023 02:28 AM
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
6446	Base Language	Bug	Test	High	temp-table:create-like adds add before-table, too	Ovidiu Maxiniuc	06/07/2022 07:37 AM
6443	User Interface	Bug	Review	Normal	Widget ROW/COLUMN validation		05/27/2022 01:51 AM
6442	Database	Feature	WIP	High	missing encoding/collation features	Ovidiu Maxiniuc	12/21/2023 12:39 PM
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
6431	Base Language	Feature	WIP	Normal	implement support to allow CPINTERNAL set to UTF-8 and CP936	Theodoros Theodorou	03/29/2024 06:16 AM
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
6424	Base Language	Feature	New	Normal	fill gaps in Java Open Client replacement (appserver client support)		04/18/2024 06:44 AM
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
6422	Base Language	Feature	WIP	Normal	implement auditing support including AUDIT-POLICY and AUDIT-CONTROL	Theodoros Theodorou	03/27/2024 07:46 PM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
6420	Base Language	Feature	Review	Normal	implement the AUDIT-ENABLED() built-in function	Theodoros Theodorou	08/11/2023 10:55 AM
6419	Base Language	Feature	New	Normal	compatibility testing (and any needed fixes) for security features		05/26/2022 03:27 PM
6418	Database	Feature	WIP	Normal	represent extent fields as arrays	Radu Apetrii	11/17/2022 12:02 PM
6417	Base Language	Feature	WIP	Normal	cleanup some known items in appserver support	Galya B	03/28/2024 09:49 AM
6416	Base Language	Feature	New	Normal	explore and implement ideas to make OO 4GL more efficient		10/06/2022 10:01 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
6412	Base Language	Bug	Test	High	implement BUFFER:KEYS attribute	Ovidiu Maxiniuc	06/01/2022 04:36 PM
6410	Base Language	Feature	Review	Normal	implement additional built-in OO classes/interfaces	Marian Edu	03/27/2024 05:07 PM
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
6407	Base Language	Feature	Review	Normal	name_map.xml improvements	Galya B	04/15/2024 07:03 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
6402	Base Language	Bug	Test	High	serialize-name for write-/read-json is not working	Ovidiu Maxiniuc	06/01/2022 04:36 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
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
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
6389	Base Language	Bug	New	High	LENGTH function with COLUMN option	Ovidiu Maxiniuc	06/07/2022 07:39 AM
6388	Base Language	Bug	Test	High	save-where-string works without the buffer attached to a dataset	Ovidiu Maxiniuc	06/01/2022 04:32 PM
6385	Database	Bug	WIP	Normal	Problem with conversion of REPOSITION TO ROWID with UNKNOWN literal for rowid	Dănuț Filimon	07/05/2023 03:30 AM
6384	Base Language	Bug	Test	Normal	dynamic query conversion issues	Ovidiu Maxiniuc	06/01/2022 04:33 PM
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
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

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
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
6348	Database	Feature	WIP	Normal	implement support for MariaDB	Ovidiu Maxiniuc	02/03/2023 10:50 AM
6347	Database	Feature	WIP	Normal	change the name conversion to provide a configurable option to not emit "snake case"	Eric Faulhaber	10/31/2023 04:49 PM
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
6302	Conversion Tools	Feature	WIP	Low	Improve conversion of empty OCX arguments	Vladimir Tsichevski	05/02/2022 10:26 AM
6301	Database	Bug	Test	Normal	incorrect initialization of date-related fields with today and now literals	Eric Faulhaber	10/17/2022 09:16 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
6275	Database	Bug	Review	Normal	SKIP-DELETED-RECORD implementation		08/26/2022 09:41 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
6267	User Interface	Bug	Review	High	StackOverflowError in BROWSE widget	Sergey Ivanovskiy	05/02/2022 06:46 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
6256	Conversion Tools	Feature	WIP	Normal	improved profile support	Constantin Asofiei	03/30/2023 06:51 AM

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