

## Issues

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
6692	Runtime Infrastructure	Feature	Internal Test	Normal	move FWD to Java 17	Tomasz Domin	05/09/2024 07:58 AM
8593	Database	Bug	WIP	Normal	H2 performance improvement for table 'truncate by multiplex'	Constantin Asofiei	05/08/2024 10:46 AM
8547	FWD	Support	Review	Normal	Fix documentation for Non-Standard Save Cache Implementation	Eric Faulhaber	05/07/2024 11:21 AM
6410	Base Language	Feature	WIP	Normal	implement additional built-in OO classes/interfaces	Marian Edu	05/07/2024 03:09 AM
8206	Runtime Infrastructure	Bug	Review	Normal	Logging manager issues	Vladimir Tsichevski	05/06/2024 02:52 AM
8673	User Interface	Bug	WIP	Normal	Deduce the logic behind OE focus management and implement in FWD		05/03/2024 05:34 PM
6424	Base Language	Feature	WIP	Normal	fill gaps in Java Open Client replacement (appserver client support)	Galya B	05/03/2024 07:40 AM
7657	User Interface	Bug	New	Normal	8-bit character entry problem in ChUI	Eugenie Lyzenko	05/02/2024 03:51 PM
8711	User Interface	Bug	New	Normal	TAB-STOP attribute wrong implementation for RECTANGLE, IMAGE and TEXT widgets		05/01/2024 01:31 PM
8656	Runtime Infrastructure	Bug	Test	Normal	Dependency de.intarsys.opensource:jPod to be replaced by org.apache.pdfbox:pdfbox	Galya B	05/01/2024 10:42 AM
6417	Base Language	Feature	WIP	Normal	cleanup some known items in appserver support	Galya B	04/30/2024 08:49 AM
6407	Base Language	Feature	Test	Normal	name_map.xml improvements	Galya B	04/30/2024 08:45 AM
6422	Base Language	Feature	WIP	Normal	implement auditing support including AUDIT-POLICY and AUDIT-CONTROL	Theodoros Theodorou	04/29/2024 04:39 PM
8703	Database	Bug	New	Normal	NO-UNDO option at DMO must be removed		04/29/2024 03:16 PM
8676	Base Language	Feature	New	Normal	ABLUnit assert error messages are different in different OE versions		04/26/2024 04:40 AM
8683	Database	Bug	New	Normal	SQL operations not saved when session is closed		04/25/2024 07:17 PM
6492	Database	Bug	New	Normal	problems with dynamic queries for meta tables		04/25/2024 06:48 PM
8383	Runtime Infrastructure	Bug	Review	Normal	Some JsonObject methods create a LOG-MANAGER record in silent	Galya B	04/25/2024 04:24 AM
4347	Base Language	Feature	WIP	Normal	add runtime support for STOP-AFTER block option	Eduard Soltan	04/24/2024 08:34 AM
8651	Runtime Infrastructure	Feature	New	Normal	Centralize inclusion of JS dependencies		04/23/2024 03:08 PM
7960	Database	Feature	Review	Normal	Allow query logs to be collected in a H2 database	Ioana-Cristina Prioteasa	04/23/2024 09:11 AM
7366	Database	Feature	WIP	Normal	improve performance of buffer.fill	Constantin Asofiei	04/23/2024 04:25 AM
7473	Database	Bug	Review	Normal	rewrite toString() implementation for Dataset, StaticTempTable and TempTableBuilder to be pure-sql and don't rely on WRITE-JSON	Eduard Baciu	04/22/2024 09:01 AM
8659	User Interface	Bug	New	Normal	FWD has no button click animations		04/21/2024 03:50 PM
7850	Build and Source Control	Support	New	Normal	questions and answers about ABLUnit support in FWD		04/20/2024 03:32 PM
8353	User Interface	Bug	WIP	Normal	Fully support stanza INI LOAD/USE/UNLOAD scenarios	Roger Borrello	04/20/2024 11:01 AM
7799	Runtime Infrastructure	Feature	WIP	Normal	automated vulnerability scanning	Tomasz Domin	04/17/2024 02:04 PM
8648	Database	Bug	New	Normal	Recheck ACTIVATE and DEACTIVATE procedures on appserver calls		04/17/2024 01:49 PM

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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
8554	Database	Bug	Test	High	resolving temp-tables in a class hierarchy	Constantin Asofiei	04/07/2024 08:34 PM
8589	Database	Bug	New	Normal	Deprecate the shared temporary database completely		04/05/2024 06:11 PM
8579	Base Language	Bug	Test	Normal	Unit and OJUnit conversion: ignore annotations from other framework	Vladimir Tsichevski	04/04/2024 05:26 PM
8586	User Interface	Bug	New	Normal	Fields are not in FIELD-GROUP until they are enabled		04/04/2024 09:09 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
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
8154	Base Language	Bug	WIP	Normal	refactor scopeable stacks	Constantin Asofiei	04/01/2024 06:41 PM
8556	User Interface	Bug	New	Normal	Incorrect frame layout		04/01/2024 01:46 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
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
8249	Database	Bug	New	Normal	Introduce a fast fill method to optimize Dataset.fill	Alexandru Donica	03/27/2024 11:39 AM
8525	Conversion Tools	Feature	New	Normal	eliminate the runtime dependency on registry.xml		03/26/2024 10:53 AM
6826	Base Language	Feature	Review	Normal	reduce the BDT usage in FWD runtime	Constantin Asofiei	03/25/2024 08:37 AM
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
8511	Conversion Tools	Bug	New	Normal	replace string annotation with numeric annotations		03/24/2024 08:47 AM
8496	Database	Bug	New	Normal	investigate if a 'batch insert with deactivated index' in H2 is possible		03/22/2024 09:37 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
8451	Database	Bug	Test	Normal	improve performance of H2 String column comparison	Constantin Asofiei	03/21/2024 02:47 PM
8488	Database	Bug	Test	Normal	improve performance of WRITE-JSON	Constantin Asofiei	03/21/2024 02:27 PM
8494	Database	Feature	New	Normal	rework XmlExport with the performance improvements from JsonExport		03/21/2024 09:30 AM
6570	Base Language	Bug	WIP	Normal	stale procedure leak when appservers are used	Alexandru Lungu	03/21/2024 09:29 AM
7323	Database	Feature	Test	Urgent	Implement soft unique index in FWD-H2	Radu Apetrii	03/21/2024 08:43 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
7645	Database	Bug	Test	High	Simplify _meta database initialization by removing <schema>.meta.xml resource	Ovidiu Maxiniuc	03/19/2024 08:43 PM

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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
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
7122	Base Language	Feature	WIP	Normal	convert default getter/setter as plain Java methods	Constantin Asofiei	03/14/2024 03:17 PM
8446	User Interface	Bug	Test	Normal	REGRESSION: incorrect return value in ThinClient.waitForEvent	Vladimir Tsichevski	03/13/2024 07:56 PM
4853	User Interface	Feature	Test	Normal	implement support for reporting a device-id which is meant to identify a unique client system/browser accessing the FWD server	Galya B	03/13/2024 08:58 AM
8388	Database	Feature	New	Normal	alternative implementation of same-session dirty sharing		03/12/2024 06:47 AM
6997	Database	Bug	New	Normal	OUTPUT BY-REFERENCE records are not cleared		03/11/2024 02:16 PM
8306	User Interface	Support	New	Normal	3-button mouse to portable mouse mapping?		03/05/2024 12:35 PM
8397	User Interface	Bug	New	Normal	Window ID is not used in messageBox method in ThinClient		03/05/2024 06:52 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
6252	Conversion Tools	Feature	New	Normal	cleanup of p2j.cfg.xml	Constantin Asofiei	02/28/2024 09:43 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
3971	Conversion Tools	Feature	WIP	Normal	add support for unicode escape sequences in the preprocessor	Alexandru Lungu	02/23/2024 07:14 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
6677	Harness	Feature	Review	Normal	Performance test mode	Tomasz Domin	02/22/2024 02:25 AM
8305	User Interface	Support	New	Normal	ChUI: how to change focus between items which belong to different frames?		02/21/2024 02:48 PM
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
7794	User Interface	Bug	WIP	Normal	FILL-IN: editing numbers issues		02/20/2024 12:53 PM
4392	Base Language	Feature	Test	Normal	add -pf support for appserver CONNECT() method	Galya B	02/20/2024 09:56 AM
8294	Base Language	Bug	New	Normal	SESSION attributes access statements produce uncompileable Java code		02/20/2024 09:37 AM
3288	User Interface	Feature	New	Normal	support > 1 browser tabs for a single FWD java client instance		02/20/2024 08:43 AM
6628	Database	Feature	WIP	Normal	port PostgreSQL native user defined functions to MariaDB	Dănuț Filimon	02/20/2024 07:57 AM
7991	Database	Bug	WIP	High	use ScrollingResults instead of ProgressiveResults when FORWARD-ONLY mode and database cursors are available.	Dănuț Filimon	02/19/2024 09:21 AM

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8281	Runtime Infrastructure	Bug	Test	Normal	Use CacheManager for DynamicQueryHelper and DynamicValidationHelper	Dănuț Filimon	02/19/2024 03:55 AM
6854	Base Language	Support	WIP	Normal	base language tests	Marian Edu	02/15/2024 12:29 AM
6720	Database	Feature	WIP	Normal	lazy hydration	Alexandru Lungu	02/14/2024 07:30 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
7496	Database	Bug	WIP	Normal	finish support for query:forward-only attribute	Dănuț Filimon	02/12/2024 02:39 AM
7334	Database	Bug	Test	Normal	Reclaim used sessions to improve performance	Dănuț Filimon	02/12/2024 02:29 AM
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
7924	Database	Bug	Review	High	add support for creating an empty database	Dănuț Filimon	02/09/2024 10:36 AM
8259	Database	Bug	New	Normal	Reduce the work done by PreselectQuery.coreFetch		02/09/2024 04:57 AM
7999	Database	Bug	Review	Normal	FWD does not honor FIELDS/EXCEPT at dynamic queries	Eduard Soltan	02/09/2024 03:59 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
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
6495	User Interface	Feature	New	Normal	add equivalent support for the undocumented -sbhelp command line option	Eugenie Lyzenko	02/05/2024 08:36 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
7382	Database	Feature	Test	Normal	Check performance of delete from vs drop table in H2	Alexandru Donica	02/02/2024 12:04 PM
6496	Database	Feature	Test	High	add equivalent support for -trig command line option	Alexandru Donica	02/02/2024 11:36 AM
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
8139	Base Language	Bug	New	Normal	OS-COMMAND fails on windows if not in "batch mode"	Eugenie Lyzenko	02/02/2024 03:03 AM
8196	Database	Bug	Test	Normal	Reduce number of AbstractTempTable._hasRecords calls to avoid BufferManager.activeBuffers	Dănuț Filimon	02/01/2024 07:46 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
6825	Database	Feature	WIP	Normal	improve table meta runtime (TableMapper and other)	Alexandru Donica	01/30/2024 12:50 PM
8214	Database	Bug	WIP	Normal	Split Persister into SQLPersister and InMemoryPersister	Alexandru Lungu	01/30/2024 11:12 AM
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
7515	User Interface	Bug	WIP	Normal	FILL-IN: editing dates issues		01/30/2024 07:48 AM
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
8226	User Interface	Bug	New	Normal	Arrow keys on numpad do not work in FWD		01/27/2024 03:11 PM

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6714	Database	Support	Review	Normal	check if there is an optimization opportunity when copying temp-tables based on multiplex id	Dănuț Filimon	01/26/2024 05:38 AM
7020	Database	Feature	Review	Normal	always use "expanded" extent fields	Ovidiu Maxiniuc	01/24/2024 09:28 PM
6679	Database	Support	Internal Test	Normal	H2 general performance tuning		01/24/2024 02:06 AM
4057	Database	Bug	New	Normal	h2 performance degradation	Stanislav Lomany	01/23/2024 04:31 PM
8212	Database	Bug	New	Normal	FILL operations do not work correctly with active dataset relations		01/23/2024 02:08 PM
4722	Database	Feature	Test	Normal	data import should be able to run with only the converted application jar file (and FWD)	Ovidiu Maxiniuc	01/23/2024 12:28 PM
8209	User Interface	Bug	New	Normal	FieldGroup tabItems out of sync after widget is dynamically deleted		01/22/2024 09:03 AM
6816	Database	Feature	Internal Test	Normal	improve PreselectQuery.assembleHQL	Radu Apetrii	01/19/2024 05:15 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
6887	Database	Bug	Review	Normal	improve performance of dataset/table[-handle] parameters		01/19/2024 02:43 AM
8200	Database	Bug	New	Normal	Explicit buffer used instead of the implicit one for a persistent table		01/16/2024 07:54 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
4065	Base Language	Feature	WIP	Normal	server-side processing of client platform dependencies	Hynek Cihlar	01/12/2024 04:54 AM
8183	Database	Bug	WIP	Normal	debugging database module		01/11/2024 06:11 PM
7667	Database	Bug	WIP	Normal	Support OUTER-JOIN with PRESELECT at conversion	Andrei Bălțeanu	01/11/2024 05:51 AM
3303	Runtime Infrastructure	Support	WIP	Normal	make the automated deployment process fully production ready	Roger Borrello	01/09/2024 09:21 AM
7416	Database	Feature	Test	Normal	Reiterate DatabaseStatistics and leverage to other database profiling tools	Radu Apetrii	01/05/2024 04:04 AM
6767	Database	Bug	Review	Normal	Possible name clashes in DMO classes	Vladimir Tsichevski	12/25/2023 07:04 AM
6649	Base Language	Feature	Test	Urgent	improve the performance of SourceNameMapper runtime	Dănuț Filimon	12/23/2023 02:34 PM
8135	Runtime Infrastructure	Bug	New	Normal	replace ScopedDictionary for better performance	Eric Faulhaber	12/21/2023 02:42 PM
6650	Base Language	Feature	WIP	Normal	improve performance of Scopeable notification in TM.processScopeNotifications	Constantin Asofiei	12/21/2023 02:39 PM
6442	Database	Feature	WIP	High	missing encoding/collation features	Ovidiu Maxiniuc	12/21/2023 12:39 PM
8067	Database	Feature	WIP	Normal	investigate adding automatically adding a FIELDS clause for simple record blocks	Eduard Soltan	12/21/2023 11:23 AM
8138	Base Language	Feature	New	Normal	ABLUnit configuration using environment variables		12/20/2023 01:21 PM
8140	Base Language	Feature	New	Normal	Client PID		12/20/2023 05:30 AM
7066	Database	Feature	WIP	Normal	Implement multi-table indexed query in H2	Radu Apetrii	12/19/2023 09:59 AM
8124	Base Language	Feature	New	Normal	rework conversion and runtime support for BLOCK-LEVEL and ROUTINE-LEVEL statements		12/18/2023 10:44 AM
8084	Base Language	Bug	Test	Normal	refactor the 'execute' method for legacy classes	Constantin Asofiei	12/14/2023 12:18 PM
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

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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
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
7460	Base Language	Bug	Merge Pending	High	implement Progress.Lang.Class:getMethods	Marian Edu	12/04/2023 03:25 AM
8095	User Interface	Bug	New	Normal	LEAVE trigger fires in no focus change situation		12/03/2023 09:39 AM
8062	TRPL	Feature	WIP	Normal	add a SWITCH rule in TRPL	Constantin Asofiei	12/01/2023 05:38 PM
7113	Database	Bug	Review	Normal	Problem with nested CAN-FIND conversion	Ovidiu Maxiniuc	11/29/2023 11:56 AM
6812	Database	Bug	Internal Test	High	fix FastFindCache to use a shared instance per persistent database		11/29/2023 10:59 AM
8030	Database	Bug	Test	Urgent	unique index violation when creating a record in two sessions	Dănuț Filimon	11/29/2023 03:31 AM
7731	Database	Bug	Test	Normal	performance improvements for FQLPreprocessor	Dănuț Filimon	11/28/2023 09:43 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
8012	User Interface	Bug	WIP	Normal	Fix combo-box corner cases	Radu Apetrii	11/22/2023 05:25 AM
7656	Base Language	Bug	New	Normal	investigate performance of context-local helpers (e.g. TransactionManager.TransactionHelper)		11/21/2023 07:29 AM
8060	Runtime Infrastructure	Bug	New	Normal	Admin Console login fails every first time (AdminServerImpl.setTargetLive)		11/20/2023 07:25 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
7567	Database	Bug	WIP	Normal	use Session.PK instead of DatabaseManager.PRIMARY_KEY wherever possible	Dănuț Filimon	11/15/2023 08:23 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
6895	Database	Feature	New	Normal	improve performance of BufferReference methods buffer() and definition()		11/08/2023 04:05 AM
5003	Database	Feature	WIP	Normal	Enhance performance of H2 sequences		11/08/2023 03:51 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
7535	Database	Bug	Test	Normal	Temporary tables require trailing recid component even for unique indexes	Dănuț Filimon	11/07/2023 03:05 AM
6855	Database	Support	WIP	Normal	database/persistence tests	Marian Edu	11/06/2023 04:23 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
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
7957	Build and Source Control	Support	New	Normal	testcases project setup		11/02/2023 08:42 AM
7420	Database	Bug	Test	Normal	Optimize Cursor for scrolling AdaptiveQuery	Dănuț Filimon	11/01/2023 11:29 AM

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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
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
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
7963	Database	Support	New	Normal	disable dirty share database and test existing customer applications		10/25/2023 10:49 AM
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
7788	Database	Bug	New	Normal	NPE when assigning query to browse	Alexandru Donica	10/23/2023 10:57 AM
7943	Database	Feature	New	Normal	improvements in lock management for diagnostics and release of orphaned locks		10/19/2023 04:49 PM
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
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
3855	Base Language	Feature	New	Normal	implement equivalent support for REST (classic appserver, PASOE REST and WEB transports)		10/10/2023 08:33 AM
4658	Base Language	Feature	WIP	Normal	OO serialization support		10/10/2023 08:31 AM
7873	Base Language	Bug	Test	Normal	conversion issues with dataset/table parameters for class events	Constantin Asofiei	10/05/2023 06:26 AM
7875	Base Language	Feature	New	Normal	Interactive child process launching is broken in GUI		10/04/2023 05:50 PM
7608	Harness	Bug	Feedback	Normal	Features supporting regression testing	Tomasz Domin	09/29/2023 03:56 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
7842	Base Language	Feature	New	Low	Make FWD behave the same as OE regarding input through		09/27/2023 07:42 AM
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
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
7184	Base Language	Bug	Review	Normal	Incorrect conversion of concatenated string literals to a LONGCHAR	Vladimir Tsichevski	09/18/2023 03:11 PM
7802	Database	Feature	New	Normal	implement INACTIVE index support		09/15/2023 09:03 AM
7641	Database	Bug	Review	High	Lower the number of Map.get() calls in the persistence layer	Alexandru Lungu	09/13/2023 11:55 AM
7793	Database	Bug	New	Normal	incremental conversion with deleted table from .df		09/13/2023 09:43 AM
4514	Database	Feature	WIP	Normal	run ProDataSet test suite in FWD and resolve any issues such that it works the same way as in the 4GL	Ovidiu Maxiniuc	09/13/2023 08:18 AM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
4516	Database	Feature	New	Normal	testing and completion of runtime compatibility for table/table-handle/dataset/dataset-handle parameter options	Ovidiu Maxiniuc	09/13/2023 08:17 AM
5276	Base Language	Bug	New	Normal	resolve issues with multi-byte character processing		09/13/2023 08:17 AM
6428	Base Language	Feature	New	Normal	implement IS-LEAD-BYTE() built-in function		09/13/2023 08:16 AM
7779	User Interface	Bug	Feedback	Normal	ChUI Swing: focus does not move backward with Shift-TAB key		09/11/2023 04:11 PM
7488	Database	Bug	Test	Normal	Slow fast-copy with before tables in H2	Radu Apetrii	09/11/2023 05:55 AM
7786	User Interface	Bug	New	Normal	FOCUS handle must return only field-level widgets		09/11/2023 02:48 AM
4032	Base Language	Support	New	Normal	block/transaction processing context-local and other performance improvements		08/31/2023 06:34 AM
7635	Runtime Infrastructure	Bug	Test	Normal	RemoteObject defaults to 'tracing' mode	Galya B	08/30/2023 07:27 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
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
7742	User Interface	Bug	WIP	Normal	NPE on LinuxKeyboardReader when pressing Escape in ChUI Swing application	Hynek Cihlar	08/23/2023 01:54 PM
3704	User Interface	Feature	New	Normal	enable automated testing for GUI (Swing and web clients)		08/23/2023 10:28 AM
7709	User Interface	Feature	New	Normal	ABLUnit support for web clients		08/23/2023 10:15 AM
7737	Database	Bug	WIP	Normal	QueryWrapper should either show or throw errors depending on the query type	Dănuț Filimon	08/23/2023 08:54 AM
7403	Database	Bug	Review	Normal	Copy-temp-table with replace-mode should replace already inserted records	Radu Apetrii	08/23/2023 03:33 AM
7363	Database	Feature	Test	Normal	Improve H2 Value caching, hashing and equals	Alexandru Lungu	08/22/2023 09:35 AM
7489	Database	Bug	WIP	Normal	Lazily initialize DMO signature	Alexandru Lungu	08/22/2023 09:02 AM
7319	Database	Bug	New	Normal	Fix adaptive query test suite from testcases	Alexandru Lungu	08/22/2023 05:12 AM
7320	Database	Feature	WIP	Normal	Extend H2 tester from Hotel GUI	Alexandru Donica	08/22/2023 05:12 AM
7504	Database	Bug	WIP	Normal	Export data tool from FWD into .d files	Alexandru Lungu	08/22/2023 04:57 AM
7714	Conversion Tools	Bug	New	Normal	basepath cannot have trailing backslash (/)		08/17/2023 08:24 AM
7647	Database	Bug	New	Normal	Leverage internal H2 _ROWID_ with FWD recid	Dănuț Filimon	08/17/2023 03:20 AM
7674	User Interface	Bug	Review	Normal	FILL-IN for a character variable: cannot delete an unknown value		08/15/2023 01:14 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
6420	Base Language	Feature	Review	Normal	implement the AUDIT-ENABLED() built-in function	Theodoros Theodorou	08/11/2023 10:55 AM
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
6856	User Interface	Support	New	Normal	user interface tests	Marian Edu	08/07/2023 10:19 AM



#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
3853	Base Language	Feature	New	Normal	implement LOG-MANAGER runtime	Galya B	08/07/2023 08:53 AM
7643	Base Language	Bug	Test	Normal	memory leak in AssociatedThread	Constantin Asofiei	07/31/2023 08:41 AM
7644	Base Language	Bug	Test	Normal	load all legacy enums on FWD server startup	Constantin Asofiei	07/31/2023 08:01 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
7642	User Interface	Bug	New	Normal	Assigning SESSION:DATE-FORMAT has no effect on existing date instances		07/28/2023 02:53 PM
7421	Database	Bug	WIP	Normal	Check only the indexes that were changed when using Validation.checkMaxIndexSize	Dănuț Filimon	07/26/2023 03:29 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
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
7194	Database	Feature	Test	Normal	Avoid generating an ORDER-BY clause if not required	Radu Apetii	07/21/2023 10:51 AM
7185	Database	Bug	Test	Normal	H2 in-memory lazy hydration	Dănuț Filimon	07/21/2023 02:39 AM
7388	Database	Bug	Test	Normal	Create server configuration container for cache sizes	Dănuț Filimon	07/18/2023 02:18 PM
7425	Runtime Infrastructure	Bug	Test	Normal	Avoid directory usage in static blocks	Dănuț Filimon	07/18/2023 07:23 AM
7467	Database	Bug	Test	Normal	join on meta table	Ovidiu Maxiniuc	07/17/2023 12:26 PM
6862	Conversion Tools	Support	New	Normal	build conversion regression testing tooling		07/12/2023 11:18 AM
7484	Base Language	Bug	Test	Normal	decimal format - left-side 'balance' must include group separators	Constantin Asofiei	07/11/2023 01:28 PM
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
6834	Database	Bug	WIP	Normal	RAQ navigation on records having NULL values on same index components	Dănuț Filimon	07/10/2023 07:18 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
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
3868	Base Language	Feature	Test	Normal	customer servlet integration/support	Constantin Asofiei	07/03/2023 01:44 PM
7459	Database	Feature	WIP	Normal	Implement BucketIndex in FWD-H2 to support multiplex	Alexandru Lungu	07/03/2023 06:42 AM
7059	Database	Bug	WIP	Normal	FWD shouldn't raise errors for non-numeric extent indexes.	Dănuț Filimon	06/27/2023 08:04 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
7466	Database	Feature	WIP	Normal	Using a different database connection to work around sequence specific issues		06/26/2023 03:06 PM
6494	Database	Feature	New	Normal	add equivalent support for the -noduptidxerror command line parameter	Eduard Soltan	06/26/2023 04:36 AM
7364	Database	Bug	New	Normal	Build a full test-suite for fast copy-temp-table	Andrei Bălțeanu	06/26/2023 04:31 AM
6630	Database	Feature	Test	Normal	optimize return of table parameter	Dănuț Filimon	06/23/2023 03:12 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
5568	Runtime Infrastructure	Support	New	Normal	implement application-specific TERMINFO database overrides	Eugenie Lyzenko	06/22/2023 08:56 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

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
7413	Database	Bug	New	Normal	DUMP-NAME is not guaranteed to be unique in the .df		06/09/2023 10:52 AM
1889	Build and Source Control	Feature	New	Normal	rework the date.java internal tests as real unit tests		06/09/2023 09:05 AM
7062	Database	Feature	Test	Normal	Direct access to H2 internals to solve basic queries	Alexandru Lungu	06/09/2023 03:31 AM
7418	Runtime Infrastructure	Feature	New	Normal	assess the security of the Jetty web server		06/08/2023 08:09 AM
7390	Conversion Tools	Feature	New	Normal	replace DOM with StAX in XmlFilePlugin		06/05/2023 11:36 AM
7198	Base Language	Bug	Test	Normal	conversion of empty UPDATE/SET/PROMPT-FOR statements	Constantin Asofiei	06/05/2023 10:20 AM
6738	Conversion Tools	Bug	New	Normal	incremental conversion when deleting program or class files	Constantin Asofiei	06/02/2023 10:25 AM
7211	Database	Bug	WIP	Normal	Several H2 connections for one single session	Radu Apetrii	06/01/2023 08:30 AM
7037	Database	Feature	Test	Normal	remove dirty share manager	Stanislav Lomany	05/31/2023 03:24 PM
7355	Database	Bug	Test	Urgent	regression in row structure calculation for DATETIME-TZ when join is used on temp-tables	Alexandru Lungu	05/30/2023 04:49 AM
7329	Database	Bug	Test	Normal	improve FieldReference resolution of getter/setter/extent accessors	Radu Apetrii	05/29/2023 09:43 AM
7358	Database	Bug	Test	Normal	Optimize Session.invalidateRecords	Alexandru Lungu	05/29/2023 05:31 AM
7321	Database	Bug	Test	Normal	Improve FWD-H2 wildcard projection	Dănuț Filimon	05/29/2023 02:41 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
7379	Database	Feature	Test	Normal	cache the def and bound DMO property info in TemporaryBuffer\$ReferenceProxy	Constantin Asofiei	05/26/2023 10:57 AM
6183	Build and Source Control	Feature	WIP	Normal	design and implement (as needed) the approach for writing automated 4GL compatibility tests		05/26/2023 08:10 AM
7386	Base Language	Feature	New	Normal	predefined auditing events support and a better persistence approach for auditing data		05/26/2023 07:52 AM
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
7368	User Interface	Bug	Test	Normal	Hotel GUI "Guests Accommodation Report" crashes web version	Hynek Cihlar	05/23/2023 07:20 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
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
1848	Runtime Infrastructure	Feature	New	Normal	make logging settings controllable dynamically at runtime		05/10/2023 08:06 AM
7337	User Interface	Support	New	Normal	UI - Events	Marian Edu	05/10/2023 06:54 AM
7338	User Interface	Support	New	Normal	UI - Layout and Sizing		05/10/2023 06:53 AM
7339	User Interface	Support	New	Normal	UI - Focus		05/10/2023 06:52 AM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
4071	Database	Bug	New	Normal	FWD server stops allowing new web client logins after abend		05/08/2023 02:30 PM
7169	Conversion Tools	Feature	New	Normal	drive conversion order using user-specified dependencies	Greg Shah	05/06/2023 09:42 AM
6082	Conversion Tools	Bug	New	Normal	automatically add to conversion list all non-skeleton .cls dependencies		05/02/2023 09:49 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
7267	Database	Bug	Test	Normal	CompoundQuery FOR FIRST, EACH only retrieves the first record found		05/02/2023 07:21 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
7279	Runtime Infrastructure	Feature	New	Normal	Enhance CentralLogger to support configurable LogFormatter		04/28/2023 01:32 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
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
7258	Database	Bug	Test	Normal	Optimize INDEX-INFORMATION with closed dynamic queries	Alexandru Lungu	04/25/2023 05:11 AM
7174	Database	Bug	Test	Normal	Resolve simple CAN-FIND statements faster	Dănuț Filimon	04/20/2023 07:14 AM
7165	Database	Bug	Test	Normal	Close multiplex scope using prepared statement	Alexandru Lungu	04/20/2023 07:13 AM
5306	Database	Bug	Test	Normal	AdaptiveQuery sets a found record into the buffer twice in dynamic mode	Alexandru Lungu	04/20/2023 07:13 AM
7060	Database	Feature	Test	Normal	Consider using wildcard selection to reduce SQL size	Alexandru Lungu	04/20/2023 07:12 AM
7280	User Interface	Bug	New	Normal	Broken modality on HTML-BROWSER widget		04/17/2023 10:17 AM
7147	Runtime Infrastructure	Feature	New	Normal	Make FWD log outputs consistent		04/17/2023 09:55 AM
7126	Base Language	Feature	New	Normal	replace 'new unknown()' with 'unknown.INSTANCE' in FWD conversion and runtime		04/10/2023 10:53 AM
7257	Conversion Tools	Support	New	Normal	Should deploy.prepare delete all contents of deploy/lib/ before copying?		04/06/2023 10:22 AM
4766	Base Language	Bug	New	Normal	fix CHR and ASC		04/05/2023 12:43 PM
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
6853	Build and Source Control	Support	New	Normal	implement automated 4GL compatibility testing and CI/CD		03/31/2023 12:35 PM
6256	Conversion Tools	Feature	WIP	Normal	improved profile support	Constantin Asofiei	03/30/2023 06:51 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
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
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
6919	Database	Bug	Review	High	fix ErrorManager.displayError in TempTableBuilder	Boris Schegolev	03/09/2023 03:03 PM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
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.oo 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
7166	User Interface	Bug	New	Normal	TREEVIEW and TREELIST drag and drop is broken		03/04/2023 09:10 AM
6409	Conversion Tools	Support	New	Normal	generate "railroad style" syntax diagrams for the progress parser		03/03/2023 02:04 PM
6821	Base Language	Feature	WIP	Normal	java collection performance	Stanislav Lomany	03/03/2023 07:00 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
7132	Database	Bug	WIP	Normal	Eliminate for-each loops and lambda in FWD-H2 code	Radu Apetrii	02/27/2023 08:45 AM
6582	Database	Feature	WIP	Normal	implement multi-table AdaptiveQuery	Alexandru Lungu	02/27/2023 03:56 AM
7144	User Interface	Bug	New	Normal	Entering multibyte characters in a FILL-IN causes client to abend		02/24/2023 07:08 AM
7047	Database	Bug	New	Normal	Problem with AdaptiveQuery and ScrollableResults		02/21/2023 11:57 AM
6818	Base Language	Feature	WIP	Normal	analyze the performance of the FWD open client proxy client support	Constantin Asofiei	02/21/2023 09:56 AM
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
1757	Conversion Tools	Feature	New	Normal	update ANTLR to latest version		02/16/2023 08:31 AM
7089	Base Language	Bug	WIP	Normal	sanitize p2j.oo method signature	Constantin Asofiei	02/15/2023 05:21 AM
6820	Base Language	Feature	Review	Normal	reduce String.toLowerCase and toUpperCase usage and String instances	Hynek Cihlar	02/15/2023 04:17 AM
7120	Database	Bug	Test	Normal	NO-UNDO dynamic temp-table does not set the NO-UNDO at the .schema	Ovidiu Maxiniuc	02/15/2023 03:58 AM
3883	Conversion Tools	Feature	New	Normal	eclipse plug for developing 4GL code using FWD including editing, syntax checks, running conversion		02/10/2023 09:34 AM
6319	Conversion Tools	Feature	New	Normal	IntelliJ plugin		02/10/2023 09:34 AM
6627	Conversion Tools	Bug	Review	Normal	improve conversion memory footprint for AstKey persistent maps		02/09/2023 12:38 PM
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
6348	Database	Feature	WIP	Normal	implement support for MariaDB	Ovidiu Maxiniuc	02/03/2023 10:50 AM
7088	Database	Bug	New	Normal	Lazily initialize activeBundle inside RandomAccessQuery		02/02/2023 06:40 AM
2176	Database	Bug	New	Normal	exceptions to rereadnolock		02/01/2023 01:10 PM
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
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

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
7063	Database	Feature	New	Normal	Support FIRST/LAST join directly in H2		01/25/2023 05:38 AM
1554	Harness	Feature	WIP	Normal	enhance the command-line to provide better user feedback on the state of testing	Tomasz Domin	01/20/2023 02:27 PM
2137	Database	Feature	New	Normal	runtime support for FIELDS/EXCEPT record phrase options		01/20/2023 09:51 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
6824	Base Language	Feature	WIP	Normal	lazy initialization of collection class members	Constantin Asofiei	01/20/2023 09:21 AM
6817	Base Language	Feature	Test	Normal	replace INSTANTIATING-PROCEDURE and other handle<ExternalProgram> with the actual referrent	Hynek Cihlar	01/17/2023 02:35 AM
6671	Runtime Infrastructure	Bug	New	Normal	Build configurations need "fine tuning"		01/16/2023 05:23 PM
7032	User Interface	Feature	New	Normal	implement the EDITOR:EMPTY attribute		01/10/2023 09:00 AM
6709	Database	Support	WIP	Normal	track nested FIND inside a related FOR loop	Dănuț Filimon	01/06/2023 02:51 AM
6454	Database	Feature	Review	Normal	database informational features	Igor Skornyakov	01/06/2023 02:28 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
6939	Runtime Infrastructure	Feature	New	Normal	improve proxy performance by hard-coding method invocation		12/21/2022 01:19 PM
6764	User Interface	Feature	Review	Normal	Improve trigger selection for keyboard events.	Marian Edu	12/21/2022 10:35 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
6993	Base Language	Bug	Review	Normal	OO: incorrect field names in DataTypeEnum.java	Vladimir Tsichevski	12/14/2022 07:42 AM
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
6920	User Interface	Bug	New	Normal	Ins and outs of Sikuli for GUI testing		12/08/2022 06:44 PM
6708	Database	Support	Review	Normal	track/report at runtime when AdaptiveQuery shifts into dynamic mode	Dănuț Filimon	12/08/2022 05:57 AM
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
6459	Database	Feature	New	Normal	query features	Igor Skornyakov	11/25/2022 05:40 PM
6923	Database	Bug	WIP	Normal	inner transaction block reverts too much	Radu Apetrii	11/23/2022 06:20 AM
6901	Conversion Tools	Bug	Test	Normal	Event handling - ON ANYWHERE	Marian Edu	11/21/2022 01:06 PM
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
6418	Database	Feature	WIP	Normal	represent extent fields as arrays	Radu Apetrii	11/17/2022 12:02 PM
6936	Base Language	Feature	WIP	High	OpenClient with null values at the DataObject (table) fields for native types	Constantin Asofiei	11/16/2022 01:40 PM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
6938	Database	Feature	New	Normal	XML seriliazation improvement		11/16/2022 10:16 AM
5355	Database	Feature	WIP	Normal	_Usertablestat metadata improvements	Dănuț Filimon	11/16/2022 05:56 AM
5651	Base Language	Bug	WIP	Normal	conditions raised from a finally block		11/15/2022 09:51 AM
6925	User Interface	Bug	New	Normal	Initially focused widget shouldn't have dotted selection.		11/11/2022 03:42 PM
6695	Database	Feature	WIP	Normal	Multi-table preselect query may underperform due to repetitive fetching	Radu Apetii	11/09/2022 12:47 PM
5307	Database	Bug	WIP	Normal	AdaptiveQuery goes into dynamic mode too aggressively	Dănuț Filimon	11/09/2022 07:36 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
5761	Base Language	Bug	New	Normal	replace ErrorManager.displayError with recordOrThrowError and fix recordOrShowError to morph into a recordOrThrowError in certain cases.		11/08/2022 12:46 PM
4056	Database	Feature	WIP	Normal	instrument FWD and supporting libraries to measure database performance	Eric Faulhaber	11/02/2022 02:23 PM
6904	Base Language	Bug	New	Normal	fix TRANSACTION block issues		11/02/2022 08:54 AM
2949	FWD	Feature	New	Normal	Alternative approach to handling case insensitivity		11/01/2022 12:37 PM
6898	Database	Feature	New	Normal	PostgreSQL schema improvements		11/01/2022 08:33 AM
4058	Database	Support	New	Normal	consider denormalizing tables as the default approach		11/01/2022 08:32 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
6871	Runtime Infrastructure	Feature	New	Normal	add JMX instrumentation to monitor the appserver agents		10/31/2022 12:10 PM
4149	Base Language	Bug	New	Normal	BlockManager and TransactionManager handle TransactionType.NONE incorrectly		10/31/2022 10:30 AM
6814	Base Language	Feature	New	Normal	JMX instrumentation for FWD core, persistence and ORM layers		10/31/2022 05:57 AM
6848	Conversion Tools	Support	New	Normal	TRPL questions and issues		10/27/2022 12:35 PM
6889	Conversion Tools	Bug	New	Normal	rollback the files as 'unconverted' if (incremental) conversion fails.		10/26/2022 02:35 PM
6868	Database	Bug	Feedback	Normal	MariaDB Dialect can't properly check if a sequence exists		10/24/2022 07:05 AM
6870	Base Language	Bug	New	Normal	implement a request queue for remote OpenClient connections		10/20/2022 10:36 AM
6872	Runtime Infrastructure	Feature	New	Normal	add trace logging for appserver requests		10/20/2022 09:56 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
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
6852	Database	Bug	New	Normal	Problem with datetime-tz literal string conversion.		10/18/2022 11:22 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
6457	Database	Feature	WIP	Normal	finish COPY-LOB support	Stanislav Lomany	10/17/2022 10:33 AM
5776	Runtime Infrastructure	Feature	Test	Normal	reduce memory requirements for the FWD client	Tomasz Domin	10/17/2022 09:50 AM
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

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
6715	Database	Bug	New	Normal	BufferManager.validate throws IllegalStateException if a validation fails via a ValidateException		10/14/2022 03:04 PM
6835	Database	Bug	New	Normal	deferred work for #6257		10/11/2022 08:51 AM
1970	Base Language	Feature	WIP	Normal	improve ControlFlowOps method resolution by reflection	Constantin Asofiei	10/10/2022 07:51 AM
6809	Database	Bug	Test	High	find current ... exclusive-lock no-wait. not working	Eric Faulhaber	10/10/2022 05:44 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
6416	Base Language	Feature	New	Normal	explore and implement ideas to make OO 4GL more efficient		10/06/2022 10:01 AM
6822	Base Language	Feature	New	Normal	performance of the FWD proxy implementation		10/06/2022 04:27 AM
6823	Database	Feature	New	Normal	improve TemporaryBuffer/RecordBuffer define and buffer delete		10/06/2022 03:25 AM
6703	Database	Bug	WIP	Normal	loading schema table DMO interface with no defined fields	Ovidiu Maxiniuc	10/05/2022 02:21 PM
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
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
6772	Base Language	Feature	New	Normal	increase usage of ASSIGN bracketing		09/20/2022 11:30 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
6699	Database	Bug	WIP	Normal	TemporaryBuffer\$Multiplexer memory leak in global block	Constantin Asofiei	09/15/2022 01:24 PM
6754	Base Language	Feature	New	Normal	complete BOM support for XmlHelper.readXMLEncoding()		09/14/2022 07:02 AM
6743	Base Language	Bug	New	Normal	fix GET-SIGNATURE for all parameter modes and types		09/09/2022 12:38 PM
6744	Database	Bug	New	Normal	rollback when there are catch/finally blocks opening their own transactions		09/09/2022 12:13 PM
6741	Database	Bug	New	Normal	Word index support for MariaDB.		09/09/2022 01:43 AM
6507	Database	Feature	New	Normal	cross-database joins	Ovidiu Maxiniuc	09/09/2022 12:23 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
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
6275	Database	Bug	Review	Normal	SKIP-DELETED-RECORD implementation		08/26/2022 09:41 PM
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
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

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
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
6320	Conversion Tools	Feature	New	Normal	sharded schemata		08/24/2022 04:52 PM
6693	Base Language	Bug	New	Normal	StringFormat fixes - finish up and merge branch 4880a b c		08/23/2022 01:56 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
6265	Harness	Feature	New	Normal	generate junit-compatible xml results for output		08/18/2022 09:39 AM
6676	User Interface	Bug	Review	Normal	BACK-TAB jumps by two widgets at once	Eugenie Lyzenko	08/16/2022 10:34 AM
6599	Database	Bug	New	Normal	minimal mode conversion problem with DMO name collision	Eric Faulhaber	08/15/2022 01:11 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
3015	User Interface	Bug	New	Normal	Frame scrolling is broken		08/03/2022 11:17 AM
4061	Base Language	Support	New	Normal	base language performance work		08/01/2022 10:22 AM
6646	Runtime Infrastructure	Feature	New	Normal	short circuit legacy REST program invocation		08/01/2022 08:04 AM
4350	Base Language	Feature	WIP	Normal	method overload when they differ by a temp-table, dataset, buffer or object or extent or parameter modes	Constantin Asofiei	07/31/2022 05:58 AM
6644	Conversion Tools	Bug	New	Normal	OpenClient proxy does not sanitize the names for legacy mode		07/29/2022 08:05 AM
6612	Conversion Tools	Bug	New	Normal	Extent input-output arguments of functions are not correctly wrapped		07/29/2022 08:02 AM
6642	Conversion Tools	Bug	Review	Normal	improve parsing memory footprint	Constantin Asofiei	07/29/2022 06:51 AM
6636	User Interface	Bug	WIP	Normal	Unwanted selection due to direct manipulation	Stanislav Lomany	07/25/2022 11:44 AM
4837	User Interface	Feature	WIP	Normal	Add javascript keyboard test application for the virtual desktop	Sergey Ivanovskiy	07/25/2022 09:34 AM
6629	Conversion Tools	Bug	New	Normal	incremental conversion for OpenClient proxy programs		07/22/2022 01:53 PM
6053	User Interface	Bug	Review	Normal	Widget realisation	Marian Edu	07/21/2022 11:54 AM
6623	Base Language	Bug	New	Normal	validate the memptr bytes in "copy-lob from memptr to clob/longchar" statement		07/21/2022 03:08 AM
5622	User Interface	Bug	WIP	Normal	TREEVIEW widget issues	Vladimir Tsichevski	07/20/2022 05:01 PM
6577	Database	Bug	Review	Normal	move RecordBuffer.ooFields at the DMO meta	Ovidiu Maxiniuc	07/20/2022 04:51 AM
6584	Database	Feature	Review	Normal	implement schema hint which generates a POJO in addition to a DMO interface	Ovidiu Maxiniuc	07/19/2022 12:55 PM
5118	User Interface	Bug	WIP	Normal	TREELIST widget issues	Vladimir Tsichevski	07/19/2022 10:44 AM
5673	Database	Bug	New	Normal	Additional support for INDEXED REPOSITION open query attribute		07/18/2022 12:28 PM
6607	User Interface	Bug	New	Normal	OCX: Implement comparison of OCX object references with 0 (zero) integer		07/18/2022 10:40 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
6605	User Interface	Bug	New	Low	OCX property assignment conversion error		07/15/2022 08:40 AM



#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
4176	Database	Feature	New	Normal	make certain metadata tables aware of live runtime state	Igor Skornyakov	07/15/2022 12:18 AM
6084	Runtime Infrastructure	Bug	Test	Normal	NIO SSL performance is slower than standard Java SSL	Igor Skornyakov	07/14/2022 11:44 AM
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
4645	Build and Source Control	Feature	New	Normal	Migrate Ant build logic into Gradle		07/12/2022 10:51 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
6586	Database	Bug	Test	Normal	parser/conversion bug when a database alias is used	Constantin Asofiei	07/07/2022 12:23 PM
6579	Database	Bug	New	Normal	QUERY-PREPARE validation		07/07/2022 02:22 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
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
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
5489	Conversion Tools	Bug	New	Normal	Cleanup / reimplement merge DMO definitions		06/20/2022 10:24 AM
5742	User Interface	Feature	Test	Normal	improve web client startup time	Tomasz Domin	06/20/2022 08:45 AM
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
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
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
6506	Base Language	Feature	New	Normal	implement CGI WebSpeed support and the standard web-disp.p dispatch functionality		06/09/2022 02:24 AM
6430	Base Language	Feature	New	Normal	implement features dependent upon CPCOLL/CPCASE		06/08/2022 09:34 PM
6503	Database	Bug	New	High	READ-XML automatically populates fields from NESTED relations		06/08/2022 04:55 AM
6479	Database	Feature	New	Normal	pending DISCONNECT and static buffers		06/08/2022 02:25 AM
6500	Base Language	Feature	New	Normal	add equivalent support for -nb command line option		06/07/2022 10:53 AM
6389	Base Language	Bug	New	High	LENGTH function with COLUMN option	Ovidiu Maxiniuc	06/07/2022 07:39 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
6446	Base Language	Bug	Test	High	temp-table:create-like adds add before-table, too	Ovidiu Maxiniuc	06/07/2022 07:37 AM
6482	Base Language	Bug	Test	High	POLY version of ArrayAssigner.assignMulti, when the r-value can be an extent or scalar	Ovidiu Maxiniuc	06/07/2022 07:37 AM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
6498	Base Language	Feature	New	Normal	add equivalent support for the -errorstack command line option		06/06/2022 12:34 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

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