

## Issues

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
1625	Base Language	Feature	WIP	Normal	implement OUTPUT TO PRINTER on Windows		03/23/2016 04:56 PM
1853	Base Language	Support	New	Normal	update the base language portions of the Conversion Reference		11/16/2016 01:31 PM
1962	Base Language	Feature	New	Normal	modify parser to add a readOnly boolean annotation to all attributes and change post_parse_fixups to use it		11/16/2016 01:16 PM
1970	Base Language	Feature	WIP	Normal	improve ControlFlowOps method resolution by reflection	Constantin Asofiei	10/10/2022 07:51 AM
1984	Base Language	Feature	New	Normal	make methods to act as "read-only" attributes		04/12/2013 06:02 AM
2075	Base Language	Bug	WIP	Normal	unknown literals in nested expressions	Constantin Asofiei	03/04/2013 10:53 AM
2078	Base Language	Feature	Hold	Normal	provide support for malformed label names	Constantin Asofiei	01/10/2019 09:43 AM
2105	Base Language	Bug	New	Normal	BlockManager does not return some datatypes correctly		04/12/2013 06:04 AM
2106	Base Language	Bug	New	Normal	Missing runtime error messages in P2J		04/03/2013 06:08 AM
2123	Base Language	Feature	New	Normal	map the converted method/attribute names to their legacy name		04/12/2013 06:04 AM
2136	Base Language	Feature	New	Normal	add hashing and encryption built-in functions to SecurityOps		04/25/2013 04:50 PM
2139	Base Language	Bug	New	Normal	Frames scoped to a subroutine is reused for subsequent calls		04/30/2013 06:27 AM
2151	Base Language	Bug	New	Normal	problems honoring errors raised when NO-ERROR clause is present		05/15/2013 12:06 PM
2154	Base Language	Bug	New	Normal	Date arithmetics and Gregorian gap		05/24/2013 02:43 PM
2167	Base Language	Feature	New	Normal	add longchar and codepage support	Ovidiu Maxiniuc	08/19/2013 02:09 PM
2182	Base Language	Bug	New	Normal	HANDLE attribute doesn't convert properly in "h:handle:<attr/method>" cases		09/17/2013 07:33 AM
2188	Base Language	Bug	New	Normal	fix runtime for SCREEN-VALUE attribute		11/16/2016 12:23 PM
2194	Base Language	Feature	New	Normal	Creating testcases to check legacy attributes for resources used in CAN-QUERY/CAN-SET statement conversion code		10/15/2013 09:53 PM
2215	Base Language	Feature	New	Normal	implement the unwrapped mode of passing parameters to web service requests		12/24/2013 06:15 AM
2225	Base Language	Feature	New	Normal	implement ssl and async realted connection options for web services		01/10/2014 09:00 AM
2257	Base Language	Bug	New	Normal	Set statment does not define variable		03/13/2014 07:15 AM
2277	Base Language	Bug	New	Normal	Wrong conversion of session handler		04/03/2014 11:32 AM
2300	Base Language	Bug	New	Normal	:: operator used in UI statements		05/09/2014 08:19 AM
2386	Base Language	Bug	New	Normal	STRING(memptr_var) will render the contents of the memptr as a null terminated string		09/08/2014 02:07 PM
2419	Base Language	Bug	New	Normal	Type mismatch error in the converted code when integer literal passed to decimal parameter		10/12/2014 05:17 PM
2429	Base Language	Bug	New	Normal	fix null character handling		10/27/2014 02:17 PM
2499	Base Language	Bug	WIP	Normal	DST portion of the timezone offset is always included when it should be conditional		02/05/2015 06:02 PM
2505	Base Language	Feature	New	Normal	SEARCH and loading of static resources from the server-side application jar		11/16/2016 01:21 PM

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2511	Base Language	Bug	New	Normal	timestamp instance oddity when assigning to a datetime		11/16/2016 12:23 PM
2527	Base Language	Bug	New	Normal	after ENDKEY (F4) the server-side screen buffer needs to be updated		11/16/2016 12:23 PM
2637	Base Language	Bug	New	Normal	batch client needs to detect if the client process has output redirected and change error handling		02/04/2016 07:50 AM
2658	Base Language	Bug	New	Normal	MESSAGE statement expressions that evaluate to a HANDLE are improperly processed		08/24/2015 03:39 PM
2659	Base Language	Bug	New	Normal	memptr in internal procedure address duplication		08/24/2015 04:48 PM
2688	Base Language	Bug	New	Normal	eliminate differences in the http header and xml content of the web services implementation		09/04/2015 05:05 PM
2872	Base Language	Bug	New	Normal	IOException in Windows		11/13/2019 11:54 AM
3020	Base Language	Bug	Test	Normal	Add support for the IMMEDIATE-DISPLAY and MULTITASKING-INTERVAL SEEION attributes	Constantin Asofiei	09/20/2021 01:06 PM
3164	Base Language	Feature	New	Normal	missing undoable behaviour with global vars and persistent procedures		08/09/2016 09:20 AM
3178	Base Language	Feature	New	Normal	implement STREAM-HANDLE support	Constantin Asofiei	10/10/2019 05:31 PM
3183	Base Language	Bug	New	Normal	recursive use of some resources is sometimes broken		09/20/2016 07:10 PM
3210	Base Language	Bug	New	Normal	Make procedure attributes of deleted TARGET-PROCEDURE and SOURCE-PROCEDURE accessible		11/14/2016 06:27 PM
3251	Base Language	Bug	New	Normal	implement safe and secure processing of procedure manager parameters when up-called from javascript		02/22/2017 08:03 AM
3253	Base Language	Feature	WIP	Normal	add cross-session publish/subscribe	Constantin Asofiei	09/03/2019 02:10 PM
3254	Base Language	Feature	WIP	Normal	add support for running 4GL on multiple threads in a single session	Greg Shah	03/13/2020 03:45 PM
3326	Base Language	Feature	New	Normal	implement the equivalent to the .NET Open Client		05/13/2022 09:43 AM
3396	Base Language	Feature	WIP	Normal	shift searchpath and other pathing lists in the directory to use the platform neutral comma	Greg Shah	11/30/2017 05:53 PM
3480	Base Language	Bug	New	Normal	PUT STREAM statement uses SKIP modifier to complete a line output		02/21/2018 10:18 AM
3482	Base Language	Bug	New	Normal	Pause message statement into hidden window blocks the program flow.		02/22/2018 11:39 AM
3485	Base Language	Bug	New	Normal	Improve parsing of screen value (when SCREEN-VALUE is assigned)		02/23/2018 02:45 PM
3505	Base Language	Feature	New	Normal	implement CONNECT TO support for CREATE OBJECT		03/09/2018 11:25 AM
3506	Base Language	Feature	New	Normal	implement array support for COM automation methods and properties		03/09/2018 11:28 AM
3558	Base Language	Feature	New	Normal	SEARCH("<program_name>.r") should return a value when there is a converted 4GL program that would match in the original system	Constantin Asofiei	05/25/2018 10:28 AM
3596	Base Language	Bug	New	Normal	MESSAGE statement must emit lambda expressions for its components.		05/30/2018 07:13 AM
3756	Base Language	Feature	WIP	Normal	minor modifications for SESSION system handle support	Constantin Asofiei	12/04/2018 02:07 PM
3835	Base Language	Bug	New	Normal	broken multi-assigner		12/19/2018 01:25 PM
3853	Base Language	Feature	New	Normal	implement LOG-MANAGER runtime	Galya B	08/07/2023 08:53 AM

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3855	Base Language	Feature	New	Normal	implement equivalent support for REST (classic appserver, PASOE REST and WEB transports)		10/10/2023 08:33 AM
3868	Base Language	Feature	Test	Normal	customer servlet integration/support	Constantin Asofiei	07/03/2023 01:44 PM
3869	Base Language	Feature	New	Normal	enhance JasperReports support with sub-reports and ProDataSets		05/04/2020 05:45 PM
4032	Base Language	Support	New	Normal	block/transaction processing context-local and other performance improvements		08/31/2023 06:34 AM
4061	Base Language	Support	New	Normal	base language performance work		08/01/2022 10:22 AM
4064	Base Language	Feature	New	Normal	large-raw data type		05/02/2019 10:19 AM
4065	Base Language	Feature	WIP	Normal	server-side processing of client platform dependencies	Hynek Cihlar	01/12/2024 04:54 AM
4108	Base Language	Bug	New	Normal	CLIENT-PRINCIPAL:EXPORT-PRINCIPAL method quirk (4GL bug?)		06/08/2019 06:07 AM
4114	Base Language	Bug	New	Normal	MESSAGE throws ArrayIndexOutOfBoundsException with long output		06/12/2019 02:11 PM
4133	Base Language	Support	New	Normal	reduce use of throw for control flow		07/04/2019 11:52 AM
4148	Base Language	Bug	New	Normal	Passing HANDLE to method with TABLE-HANDLE or DATASET-HANDLE converts to uncompileable code		07/16/2019 10:14 AM
4149	Base Language	Bug	New	Normal	BlockManager and TransactionManager handle TransactionType.NONE incorrectly		10/31/2022 10:30 AM
4160	Base Language	Bug	WIP	Normal	Arrays assignment issue	Constantin Asofiei	03/03/2020 01:04 PM
4178	Base Language	Bug	New	Normal	FWD and Progress report runtime integer overflow differently		08/08/2019 01:06 PM
4180	Base Language	Bug	New	Normal	integer.checkBounds(): the support for progress quirk is obsolete		08/08/2019 04:04 PM
4227	Base Language	Bug	New	Low	FWD refuses to compile the access to the 'colon' widget attribute		08/13/2019 12:49 PM
4285	Base Language	Feature	New	Normal	extend cross-session pub/sub to allow subscriptions/notifications between multiple FWD servers		09/05/2019 07:43 AM
4347	Base Language	Feature	WIP	Normal	add runtime support for STOP-AFTER block option	Eduard Soltan	04/24/2024 08:34 AM
4348	Base Language	Bug	New	Normal	investigate and fix extent issues in method/function return type		10/15/2019 09:31 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
4351	Base Language	Feature	New	Normal	instance vs static dual behavior for class-defined resources		10/15/2019 09:38 AM
4373	Base Language	Feature	New	Normal	finish core OO 4GL support		10/30/2019 09:53 AM
4374	Base Language	Feature	New	Normal	parameter validation for Progress.Lang.Class.invoke and new		10/30/2019 09:54 AM
4380	Base Language	Feature	New	Normal	finish work on some security features		11/03/2019 06:08 AM
4392	Base Language	Feature	Test	Normal	add -pf support for appserver CONNECT() method	Galya B	02/20/2024 09:56 AM
4417	Base Language	Feature	New	Normal	features to allow direct usage of _progres (and related executables) to be supported in FWD		11/18/2019 02:52 PM
4433	Base Language	Bug	New	Normal	Problem with text concat		12/03/2019 01:43 PM
4453	Base Language	Bug	WIP	Normal	Handling of filename with quotation mark broken in control_flow.rules		03/03/2020 02:46 PM

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4461	Base Language	Bug	New	Normal	DST and add-interval		12/11/2019 04:50 PM
4462	Base Language	Bug	New	Normal	NOW with comparison operators		12/11/2019 04:50 PM
4563	Base Language	Bug	New	Normal	assigning a dynamic extent var to a OO method call as rvalue		03/03/2020 01:50 PM
4602	Base Language	Bug	New	Normal	fixes for OO 4GL and structured error handling		06/02/2022 03:45 PM
4628	Base Language	Bug	New	Normal	redirection doesn't seem to close an output stream on a block retry	Roger Borrello	01/18/2022 09:14 AM
4629	Base Language	Feature	New	Normal	implement fully compatible 4GL collections (backed by protected temp-tables)		04/27/2020 10:02 AM
4630	Base Language	Feature	New	Normal	inline var definition for an OUTPUT parameter in an async RUN call		04/28/2020 08:49 AM
4635	Base Language	Feature	New	Normal	bundle CREATE folowed by ASSIGN in a single statement		05/05/2020 05:54 PM
4657	Base Language	Support	WIP	Normal	memory overhead from preloading classes with LegacySignature	Constantin Asofiei	06/20/2020 12:10 PM
4658	Base Language	Feature	WIP	Normal	OO serialization support		10/10/2023 08:31 AM
4669	Base Language	Bug	Test	Normal	Conversion error for output stream-handle - protected property.	Constantin Asofiei	08/03/2020 12:20 PM
4734	Base Language	Bug	New	Normal	Invalid string to date conversion for non-"mm/dd/yyyy" format		07/06/2020 10:52 AM
4749	Base Language	Bug	Test	Normal	Conversion error for object indeterminate extent output parameter	Constantin Asofiei	03/06/2021 10:17 AM
4761	Base Language	Feature	New	Normal	I18N phase 3		04/07/2021 09:39 AM
4762	Base Language	Feature	New	Normal	localize system error messages		04/08/2021 10:07 AM
4763	Base Language	Feature	New	Normal	replace any hard coded dependencies on charset processing		07/15/2020 02:51 PM
4764	Base Language	Feature	New	Normal	make modifications to FWD so that all I18N testcases work properly		07/15/2020 02:21 PM
4765	Base Language	Feature	New	Normal	MAP/NO-MAP support		07/15/2020 02:45 PM
4766	Base Language	Bug	New	Normal	fix CHR and ASC		04/05/2023 12:43 PM
4767	Base Language	Bug	New	Normal	memptr set-size() issue		07/15/2020 02:56 PM
4828	Base Language	Feature	Test	Normal	rework ErrorManager to use the TransactionHelper design on the server and a sync'd state design on the client	Greg Shah	08/20/2020 08:19 PM
4852	Base Language	Bug	New	Normal	ErrorManager throws 'invalid' ErrorConditionException		08/12/2020 07:50 AM
4891	Base Language	Bug	New	Normal	Nested method calls ignore 'silent' (no-error) option.		09/15/2020 02:59 AM
4965	Base Language	Feature	Test	Normal	Parameter annotation - qualified	Constantin Asofiei	03/10/2021 07:44 AM
4978	Base Language	Bug	Review	Normal	Static method call in base class	Greg Shah	07/26/2021 10:22 AM
4992	Base Language	Bug	New	Normal	File lock with JSON Parse/Write File		11/04/2020 06:01 AM
5010	Base Language	Bug	Hold	Low	OO Quirk - Core.Collections.EntrySet		11/20/2020 09:15 AM
5011	Base Language	Bug	New	Normal	unimplemented OO 4GL quirks and bugs		11/20/2020 09:16 AM
5029	Base Language	Bug	Test	Normal	OO constructor with array input parameter	Constantin Asofiei	02/22/2021 03:24 AM

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5035	Base Language	Bug	Test	Normal	Temp-Table index on P.L.O field	Constantin Asofiei	03/09/2021 01:41 AM
5046	Base Language	Bug	New	Normal	ErrorManager - recordOrShowError	Constantin Asofiei	12/18/2020 02:00 AM
5104	Base Language	Bug	New	Normal	Cannot cast integer input parameter to dynamic function character parameter		01/28/2021 11:14 AM
5111	Base Language	Support	New	Normal	TempTableSchema & BufferField	Constantin Asofiei	01/29/2021 08:28 PM
5123	Base Language	Bug	New	Normal	Remove sessionFree AppServer configuration parameter	Constantin Asofiei	02/02/2021 11:42 AM
5146	Base Language	Feature	New	Normal	record additional legacy class and method data in annotations		02/21/2021 11:28 AM
5160	Base Language	Feature	New	Normal	About cast() function support	Greg Shah	03/03/2021 12:30 AM
5192	Base Language	Bug	Hold	Normal	OO Quirk - Json Number with exponent		03/11/2021 10:10 AM
5194	Base Language	Bug	New	Normal	Stream handle - type missing, not deletable	Constantin Asofiei	03/12/2021 09:33 AM
5201	Base Language	Bug	New	Normal	fix issues related to the error messages reported for invalid date/datetime/datetime-tz literals		03/15/2021 04:45 PM
5202	Base Language	Bug	Test	Normal	Temp Table serialize-name/xml-node-name	Ovidiu Maxiniuc	04/01/2021 03:24 PM
5203	Base Language	Bug	Test	Normal	Temp Table - serialization/transaction scope/pk	Ovidiu Maxiniuc	06/13/2021 09:16 PM
5276	Base Language	Bug	New	Normal	resolve issues with multi-byte character processing		09/13/2023 08:17 AM
5278	Base Language	Bug	New	Normal	IMPORT UNFORMATTED raw with a process stream		04/22/2021 03:28 PM
5288	Base Language	Bug	New	Normal	Some date field character comparisons have runtime incompatibilities during runtime		03/22/2022 02:58 PM
5439	Base Language	Bug	New	Normal	com.goldencode.util.Stack problem		06/12/2021 04:53 PM
5446	Base Language	Bug	New	Normal	PUT UNFORMATTED performace (stream is flushed on each call)		10/01/2021 03:40 PM
5539	Base Language	Bug	New	Normal	X-DOCUMENT (DOM) allows ISO control characters in OpenEdge for XML version 1.0		07/10/2021 04:25 AM
5541	Base Language	Bug	New	Normal	string(decimal, string) support in FWD is not fully compatible with 4GL		07/12/2021 03:57 PM
5608	Base Language	Bug	New	Normal	raw vs memptr parameters		08/18/2021 01:01 PM
5613	Base Language	Bug	New	Normal	4GL built-in functions throw IllegalArgumentException		08/20/2021 12:07 PM
5635	Base Language	Bug	New	Normal	OpenEdge.Core.Util.ConfigBuilder implementation		08/31/2021 09:27 AM
5651	Base Language	Bug	WIP	Normal	conditions raised from a finally block		11/15/2022 09:51 AM
5662	Base Language	Feature	New	Normal	add -WSDLAuth and -SSLAuth (and related) connect options for the web-services handle		09/08/2021 12:26 PM
5691	Base Language	Bug	New	Normal	deviation in error generation for invalid method/property chaining		09/29/2021 09:13 AM
5729	Base Language	Feature	New	Normal	implement polymorphic reflection support for properties and variables		10/28/2021 04:18 AM
5743	Base Language	Bug	New	Normal	finally block: finalizable processing		10/20/2021 01:19 PM
5745	Base Language	Feature	New	Normal	New access modes: package-private, package-protected		10/20/2021 06:37 AM
5746	Base Language	Feature	New	Normal	More meaningful error message on conversion errors with OO references		10/28/2021 07:10 AM

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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
5901	Base Language	Bug	New	Normal	at least some 4GL warnings need to process differently when the current scope has a catch block		12/15/2021 04:45 PM
5909	Base Language	Bug	New	Normal	Problem with conversion of STRING(char. char)		12/20/2021 02:25 PM
6161	Base Language	Feature	New	Normal	add support for DYNAMIC-PROPERTY() built-in function and DYNAMIC-PROPERTY language statement		05/26/2022 07:49 AM
6268	Base Language	Bug	New	Normal	Characters encoding issues with UTF-8 for emoji and confusable symbols.		04/12/2022 03:04 AM
6280	Base Language	Feature	New	Normal	date literal // quirk		05/26/2022 03:24 PM
6292	Base Language	Feature	New	Normal	nested catch blocks		04/25/2022 01:20 PM
6342	Base Language	Feature	New	Normal	provide a simple mechanism to call into converted code		05/10/2022 01:06 PM
6343	Base Language	Feature	New	Normal	class-based appserver exports		05/10/2022 02:39 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
6382	Base Language	Bug	New	Normal	XML serialization for ATTRIBUTE and TEXT XML-NODE-TYPE fields		05/20/2022 07:43 AM
6384	Base Language	Bug	Test	Normal	dynamic query conversion issues	Ovidiu Maxiniuc	06/01/2022 04:33 PM
6388	Base Language	Bug	Test	High	save-where-string works without the buffer attached to a dataset	Ovidiu Maxiniuc	06/01/2022 04:32 PM
6389	Base Language	Bug	New	High	LENGTH function with COLUMN option	Ovidiu Maxiniuc	06/07/2022 07:39 AM
6392	Base Language	Bug	WIP	Normal	buffer flush and validation when the external program gets deleted can cause unique index validation error	Constantin Asofiei	05/24/2022 08:50 AM
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
6401	Base Language	Bug	Test	High	dynamic query can reference any buffer part of the added buffer's dataset	Ovidiu Maxiniuc	06/01/2022 04:33 PM
6402	Base Language	Bug	Test	High	serialize-name for write-/read-json is not working	Ovidiu Maxiniuc	06/01/2022 04:36 PM
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
6407	Base Language	Feature	Test	Normal	name_map.xml improvements	Galya B	04/30/2024 08:45 AM
6410	Base Language	Feature	WIP	Normal	implement additional built-in OO classes/interfaces	Marian Edu	05/03/2024 07:28 AM
6412	Base Language	Bug	Test	High	implement BUFFER:KEYS attribute	Ovidiu Maxiniuc	06/01/2022 04:36 PM
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
6416	Base Language	Feature	New	Normal	explore and implement ideas to make OO 4GL more efficient		10/06/2022 10:01 AM
6417	Base Language	Feature	WIP	Normal	cleanup some known items in appserver support	Galya B	04/30/2024 08:49 AM
6419	Base Language	Feature	New	Normal	compatibility testing (and any needed fixes) for security features		05/26/2022 03:27 PM
6420	Base Language	Feature	Review	Normal	implement the AUDIT-ENABLED() built-in function	Theodoros Theodorou	08/11/2023 10:55 AM
6422	Base Language	Feature	WIP	Normal	implement auditing support including AUDIT-POLICY and AUDIT-CONTROL	Theodoros Theodorou	04/29/2024 04:39 PM

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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
6424	Base Language	Feature	WIP	Normal	fill gaps in Java Open Client replacement (appserver client support)	Galya B	05/03/2024 07:40 AM
6427	Base Language	Feature	New	Normal	finish the COMPARE built-in function		05/26/2022 06:51 PM
6428	Base Language	Feature	New	Normal	implement IS-LEAD-BYTE() built-in function		09/13/2023 08:16 AM
6429	Base Language	Feature	New	Normal	implement I18N tests and fix issues to make the tests work		05/26/2022 07:41 PM
6430	Base Language	Feature	New	Normal	implement features dependent upon CPCOLL/CPCASE		06/08/2022 09:34 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
6432	Base Language	Feature	New	Normal	implement the WEB special stream		05/26/2022 08:15 PM
6433	Base Language	Feature	New	Normal	implement WEB-CONTEXT system handle		05/26/2022 08:47 PM
6434	Base Language	Bug	New	Normal	unknown stream reference errors in post-parse-fixups		05/26/2022 08:59 PM
6446	Base Language	Bug	Test	High	temp-table:create-like adds add before-table, too	Ovidiu Maxiniuc	06/07/2022 07:37 AM
6451	Base Language	Feature	New	Normal	I18N phase 4		05/27/2022 10:08 AM
6452	Base Language	Feature	New	Normal	add support for languages		05/27/2022 10:24 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
6488	Base Language	Support	New	Normal	write tests which use Java Open Client to access the appserver testcases		01/31/2024 07:25 AM
6489	Base Language	Support	New	Normal	port tests of the Open Java Client to the Open .NET Client		06/05/2022 10:41 AM
6490	Base Language	Feature	New	Normal	DYNAMIC-INVOKE which returns an extent		06/05/2022 02:56 PM
6493	Base Language	Feature	New	Normal	add equivalent support for the command line parameters -ucc and -utf8intatchar	Eugenie Lyzenko	02/02/2024 09:37 AM
6498	Base Language	Feature	New	Normal	add equivalent support for the -errorstack command line option		06/06/2022 12:34 PM
6500	Base Language	Feature	New	Normal	add equivalent support for -nb command line option		06/07/2022 10:53 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
6533	Base Language	Bug	New	Normal	dynamic equals operator		06/20/2022 01:11 PM
6537	Base Language	Bug	WIP	High	problems with ADD-INTERVAL		06/23/2022 05:23 PM
6570	Base Language	Bug	WIP	Normal	stale procedure leak when appservers are used	Alexandru Lungu	03/21/2024 09:29 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
6640	Base Language	Bug	New	Normal	parsing bug for initial ",0000" for decimal variables or fields	Greg Shah	08/22/2022 04:11 PM
6649	Base Language	Feature	Test	Urgent	improve the performance or SourceNameMapper runtime	Dănuț Filimon	12/23/2023 02:34 PM
6650	Base Language	Feature	WIP	Normal	improve performance of Scopeable notification in TM.processScopeNotifications	Constantin Asofiei	12/21/2023 02:39 PM
6693	Base Language	Bug	New	Normal	StringFormat fixes - finish up and merge branch 4880a b c		08/23/2022 01:56 AM
6743	Base Language	Bug	New	Normal	fix GET-SIGNATURE for all parameter modes and types		09/09/2022 12:38 PM

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6754	Base Language	Feature	New	Normal	complete BOM support for XmlHelper.readXMLEncoding()		09/14/2022 07:02 AM
6772	Base Language	Feature	New	Normal	increase usage of ASSIGN bracketing		09/20/2022 11:30 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
6814	Base Language	Feature	New	Normal	JMX instrumentation for FWD core, persistence and ORM layers		10/31/2022 05:57 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
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
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
6820	Base Language	Feature	Review	Normal	reduce String.toLowerCase and toUpperCase usage and String instances	Hynek Cihlar	02/15/2023 04:17 AM
6821	Base Language	Feature	WIP	Normal	java collection performance	Stanislav Lomany	03/03/2023 07:00 AM
6822	Base Language	Feature	New	Normal	performance of the FWD proxy implementation		10/06/2022 04:27 AM
6824	Base Language	Feature	WIP	Normal	lazy initialization of collection class members	Constantin Asofiei	01/20/2023 09:21 AM
6826	Base Language	Feature	Review	Normal	reduce the BDT usage in FWD runtime	Constantin Asofiei	03/25/2024 08:37 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
6854	Base Language	Support	WIP	Normal	base language tests	Marian Edu	02/15/2024 12:29 AM
6870	Base Language	Bug	New	Normal	implement a request queue for remote OpenClient connections		10/20/2022 10:36 AM
6904	Base Language	Bug	New	Normal	fix TRANSACTION block issues		11/02/2022 08:54 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
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
6974	Base Language	Bug	New	Normal	NPE at OpenEdge.Core.Class.IsInterface		12/01/2022 07:52 AM
6993	Base Language	Bug	Review	Normal	OO: incorrect field names in DataTypeEnum.java	Vladimir Tsichevski	12/14/2022 07:42 AM
6999	Base Language	Bug	New	Normal	OO methods/properties used in direct Java calls		12/16/2022 03:31 AM
7000	Base Language	Feature	New	Normal	Replace old-style synchronization primitives with java.util.concurrent classes		12/20/2022 07:47 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
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
7082	Base Language	Feature	New	Normal	Improve converted call site names		01/27/2023 01:18 PM
7089	Base Language	Bug	WIP	Normal	sanitize p2j.oo method signature	Constantin Asofiei	02/15/2023 05:21 AM



#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
7122	Base Language	Feature	WIP	Normal	convert default getter/setter as plain Java methods	Constantin Asofiei	03/14/2024 03:17 PM
7126	Base Language	Feature	New	Normal	replace 'new unknown()' with 'unknown.INSTANCE' in FWD conversion and runtime		04/10/2023 10:53 AM
7175	Base Language	Bug	Review	Normal	substitute: incorrect handling of unknown longchar values	Vladimir Tsichevski	03/07/2023 04:51 AM
7176	Base Language	Bug	New	Normal	cleanup p2j.oo code considering the #7045 and #7122		03/07/2023 08:05 AM
7184	Base Language	Bug	Review	Normal	Incorrect conversion of concatenated string literals to a LONGCHAR	Vladimir Tsichevski	09/18/2023 03:11 PM
7198	Base Language	Bug	Test	Normal	conversion of empty UPDATE/SET/PROMPT-FOR statements	Constantin Asofiei	06/05/2023 10:20 AM
7200	Base Language	Bug	New	Normal	fix INIT and LABEL for LIKE defined fields or variables		03/15/2023 01:32 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
7345	Base Language	Bug	New	Normal	The memptr deallocation attempt after the connection to client is interrupted/suspended		05/11/2023 06:08 AM
7348	Base Language	Feature	New	Normal	mutable proxy implementation		05/11/2023 01:53 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
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
7460	Base Language	Bug	Merge Pending	High	implement Progress.Lang.Class:getMethods	Marian Edu	12/04/2023 03:25 AM
7484	Base Language	Bug	Test	Normal	decimal format - left-side 'balance' must include group separators	Constantin Asofiei	07/11/2023 01:28 PM
7643	Base Language	Bug	Test	Normal	memory leak in AssociatedThread	Constantin Asofiei	07/31/2023 08:41 AM
7644	Base Language	Bug	Test	Normal	load all legacy enums on FWD server startup	Constantin Asofiei	07/31/2023 08:01 AM
7656	Base Language	Bug	New	Normal	investigate performance of context-local helpers (e.g. TransactionManager.TransactionHelper)		11/21/2023 07:29 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
7759	Base Language	Bug	New	Normal	improve CASE statement for integer type		08/29/2023 05:01 PM
7842	Base Language	Feature	New	Low	Make FWD behave the same as OE regarding input through		09/27/2023 07:42 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
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
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

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
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
8124	Base Language	Feature	New	Normal	rework conversion and runtime support for BLOCK-LEVEL and ROUTINE-LEVEL statements		12/18/2023 10:44 AM
8138	Base Language	Feature	New	Normal	ABLUunit configuration using environment variables		12/20/2023 01:21 PM
8139	Base Language	Bug	New	Normal	OS-COMMAND fails on windows if not in "batch mode"	Eugenie Lyzenko	02/02/2024 03:03 AM
8140	Base Language	Feature	New	Normal	Client PID		12/20/2023 05:30 AM
8154	Base Language	Bug	WIP	Normal	refactor scopeable stacks	Constantin Asofiei	04/01/2024 06:41 PM
8272	Base Language	Bug	New	Normal	reduce ClassNotFoundException and NoSuchMethodException usage in RuntimeJastInterpreter		02/13/2024 02:23 PM
8273	Base Language	Bug	New	Normal	avoid ErrorConditionException for FIND ... NO-ERROR if no record is found		02/13/2024 02:24 PM
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
8294	Base Language	Bug	New	Normal	SESSION attributes access statements produce uncompileable Java code		02/20/2024 09:37 AM
8309	Base Language	Bug	New	Normal	Do the error handling for r-index and extend implementation to INDEX and LONGCHAR	Vladimir Tsichevski	02/22/2024 03:18 AM
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
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
8579	Base Language	Bug	Test	Normal	Unit and OUnit conversion: ignore annotations from other framework	Vladimir Tsichevski	04/04/2024 05:26 PM
8643	Base Language	Bug	New	Normal	ErrorMessage not handling caught errors and error-status:error attribute properly		04/17/2024 09:05 AM
8676	Base Language	Feature	New	Normal	ABLUunit assert error messages are different in different OE versions		04/26/2024 04:40 AM
3	Bugs	Bug	New	Normal	F4 in 2nd interaction causes cursor to be positioned outside a valid input field		04/04/2012 05:06 PM
4	Bugs	Bug	New	Normal	IdentityPool usage out of session context		05/31/2010 12:00 PM
5	Bugs	Bug	New	Normal	using persistence functions in session hooks		05/31/2010 12:00 PM
7	Bugs	Bug	New	Normal	misconversion of multi-table FOR/REPEAT/DO with UNIQUE component		10/03/2011 12:00 PM
8	Bugs	Bug	New	Normal	misconversion of single-table REPEAT/DO for FIRST/LAST/UNIQUE		10/03/2011 12:00 PM
9	Bugs	Bug	New	Normal	invalid sorting for FOR/REPEAT/DO with FIRST/LAST BREAK BY		10/03/2011 12:00 PM
10	Bugs	Bug	New	Normal	CAN-FIND conversion issue (if WHERE clause evaluated to TRUE)		10/03/2011 12:00 PM
11	Bugs	Bug	New	Normal	double field reference emitting problem report		10/03/2011 12:00 PM
13	Bugs	Bug	New	Normal	ambiguous field name in CAN-FIND() - Progress quirk		12/06/2011 12:00 PM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
14	Bugs	Bug	New	Normal	cursor on an invisible frame	Stanislav Lomany	02/09/2012 12:00 PM
16	Bugs	Bug	New	Normal	form const with down frame		10/08/2008 12:00 PM
19	Bugs	Bug	New	Normal	conversion CASE to SWITCH		03/26/2012 12:00 PM
20	Bugs	Bug	New	Normal	NO-ERROR does not work for FIND statement on preselected results		09/24/2011 12:00 PM
1436	Bugs	Bug	New	Normal	APPEND option conversion		04/15/2012 02:17 PM
1442	Bugs	Bug	WIP	Normal	stream re-opened to the same file flushes previous buffer	Constantin Asofiei	01/11/2013 12:14 PM
1444	Bugs	Bug	New	Normal	invalid default UNDO statement behavior		05/21/2012 08:20 AM
1449	Bugs	Bug	New	Normal	ProtocolViolation error		07/25/2012 06:40 AM
1450	Bugs	Bug	WIP	Normal	comment conversion fail	Ovidiu Maxiniuc	10/24/2012 10:42 AM
1454	Bugs	Bug	New	Normal	progress lexer fails to parse comments without space before		11/15/2016 04:47 PM
1510	Bugs	Bug	New	Normal	format not preserved for subsequent frame iterations		09/09/2012 12:13 PM
1573	Bugs	Bug	New	Normal	Defect in saving logic of rights editor		09/29/2012 06:58 AM
1575	Bugs	Bug	WIP	Normal	Move ACL instance fail	Ovidiu Maxiniuc	10/05/2012 11:54 AM
1576	Bugs	Bug	WIP	Normal	Moving ACL items up and down faulty in admin applet	Ovidiu Maxiniuc	10/15/2012 09:50 AM
1689	Bugs	Bug	New	Normal	browse drawing with no display column and query clauses		03/23/2016 05:23 PM
1690	Bugs	Bug	New	Normal	better exception handling when OS libraries are not found by P2J	Ovidiu Maxiniuc	10/23/2012 05:33 PM
1702	Bugs	Bug	WIP	Normal	message_stmt[3-5].p issues		03/23/2016 02:20 PM
1703	Bugs	Bug	New	Normal	message stmt expression evaluation		10/29/2012 08:41 AM
1704	Bugs	Bug	New	Normal	legacy DB name mapping		10/29/2012 08:43 AM
1705	Bugs	Bug	New	Normal	DMO index cleanup		10/29/2012 08:44 AM
1706	Bugs	Bug	New	Normal	temp-table buffer scoping		04/21/2016 08:51 AM
1707	Bugs	Bug	New	Normal	FOR retry issues		10/29/2012 08:46 AM
1708	Bugs	Bug	New	Normal	charva/awt/ScreenBitmap.java cleanup		10/29/2012 08:48 AM
1709	Bugs	Bug	New	Normal	"can't operate on a closed statement error" in log		10/29/2012 08:50 AM
1710	Bugs	Bug	New	Normal	issues related to ALERT-BOX'es		10/29/2012 09:07 AM
1909	Bugs	Bug	New	Normal	error initializing the MultiClassLoader when a jar in the class path does not exist		11/05/2012 05:50 AM
1923	Bugs	Bug	New	Normal	&MESSAGE preprocessor directive expects NL only; needs to detect EOF as well		11/16/2012 02:18 PM
1927	Bugs	Bug	New	Normal	The Exception raising - org.hibernate.NonUniqueObjectException: a different object with the same identifier value was already associated with the session		12/12/2012 02:37 PM
1930	Bugs	Bug	New	Normal	toString for BaseDataType instances called by loggers causes "Value ... cannot be displayed using <format>"		12/21/2012 07:28 AM
2152	Bugs	Bug	New	Normal	server-to-sever connection problem (CTRL-C 3-way test fails on devsrv01, when ran from ant)		05/23/2013 07:10 AM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
2153	Bugs	Bug	New	Normal	frame name resolution when multiple functions have internal frames with the same name		05/23/2013 07:51 AM
2202	Bugs	Bug	New	Normal	ContextLocal should disallow calls which operate on its data during cleanup()		11/12/2013 05:21 PM
2204	Bugs	Bug	WIP	Normal	concurrency issue between user authentication and security cache refresh by the admin console	Constantin Asofiei	11/26/2013 04:08 AM
2224	Bugs	Bug	New	Normal	StackOverflowError on start server in runtime when logging level is set to FINEST		01/09/2014 03:30 PM
2230	Bugs	Bug	New	Normal	delete event with null entity during rollback processing		01/22/2014 12:02 PM
3045	Bugs	Bug	New	Normal	Clean up localedef warnings for en_US@p2j_basic locale		03/30/2016 12:48 PM
3177	Bugs	Bug	New	Normal	The converted redirected_report_25.p doesn't compile.		09/02/2016 11:52 AM
3317	Bugs	Bug	New	Normal	Multi-line string containing empty line is translated to non-compilable Java code.		08/11/2017 09:09 AM
3318	Bugs	Bug	New	Normal	Incorrect handling of MINUS operator in some cases		08/11/2017 09:19 AM
3346	Bugs	Bug	New	Normal	Menu items selection works incorrectly		10/10/2017 12:56 PM
3347	Bugs	Bug	WIP	Normal	HELP string support doesn't work for demo_widgets.p	Constantin Asofiei	10/10/2017 02:54 PM
3349	Bugs	Bug	New	Normal	FOCUS handle is invalid for ./wait-for_restore_focus1.p		10/11/2017 09:14 AM
3350	Bugs	Bug	New	Normal	No suitable method found for isEqual		10/11/2017 09:38 AM
4043	Bugs	Bug	New	Normal	Eclipse static code analysis potential issues	Igor Skorniyakov	04/19/2019 06:06 AM
4513	Bugs	Bug	New	Normal	Check up cases when the drawing code use ThinClient.isChui() in the redirected mode instead of screen().isChui()		01/21/2020 12:08 PM
1889	Build and Source Control	Feature	New	Normal	rework the date.java internal tests as real unit tests		06/09/2023 09:05 AM
1948	Build and Source Control	Support	New	Normal	cleanup package.html contents		11/16/2016 01:31 PM
3263	Build and Source Control	Bug	WIP	Normal	com.goldencode.p2j.Version class always loaded from p2jspi.jar		03/14/2017 06:14 PM
3545	Build and Source Control	Bug	New	Normal	Build fails on Windows when build dir on different drive letter than the gradle dependencies		04/05/2021 02:17 PM
4372	Build and Source Control	Bug	New	Low	No way of archiving artifacts		10/28/2019 09:58 AM
4645	Build and Source Control	Feature	New	Normal	Migrate Ant build logic into Gradle		07/12/2022 10:51 AM
4646	Build and Source Control	Feature	New	Normal	Implement fetching of javadocs and sources for the Gradle dependencies		05/15/2020 07:37 AM
5371	Build and Source Control	Bug	New	Normal	All aspects from p2j.jar applied to project builds indiscriminately		05/14/2021 11:52 AM
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
6853	Build and Source Control	Support	New	Normal	implement automated 4GL compatibility testing and CI/CD		03/31/2023 12:35 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
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
6869	Build and Source Control	Feature	New	Normal	mirror the FWD dependencies in a proj.goldencode.com repository		10/20/2022 08:38 AM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
7216	Build and Source Control	Support	New	Normal	project build improvements to allow standard creation, archive, recreation steps		03/20/2023 07:44 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
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
7760	Build and Source Control	Support	New	Normal	Testcases - server error on database initialisation		08/30/2023 03:29 AM
7850	Build and Source Control	Support	New	Normal	questions and answers about ABLUnit support in FWD		04/20/2024 03:32 PM
7957	Build and Source Control	Support	New	Normal	testcases project setup		11/02/2023 08:42 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
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
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
1511	Conversion Tools	Feature	New	Normal	Reporting v3		08/23/2018 10:44 AM
1515	Conversion Tools	Feature	New	Normal	implement gap analysis views in all reports		01/17/2017 11:23 AM
1517	Conversion Tools	Feature	WIP	Normal	move to a completely database-backed approach to displaying the conversion artifacts (.cache, .lexer...)		09/22/2017 02:35 PM
1518	Conversion Tools	Feature	New	Normal	report fixes		09/22/2017 01:36 PM
1519	Conversion Tools	Feature	New	Normal	report improvements		11/16/2016 01:34 PM
1521	Conversion Tools	Feature	WIP	Normal	implement gap analysis rules or backing database/marker approach		11/13/2019 12:09 PM
1589	Conversion Tools	Bug	New	Normal	during parsing the .lexer file is sometimes arbitrarily truncated		10/12/2012 04:29 PM
1603	Conversion Tools	Feature	New	Normal	enhance name conversion to support internal procedure names that contain a '.' character	Constantin Asofiei	11/16/2016 01:16 PM
1604	Conversion Tools	Feature	New	Normal	enhance name conversion to support malformed frame names and labels		03/23/2016 04:56 PM
1674	Conversion Tools	Feature	New	Normal	remove unreferenced, non-shared variables		11/16/2016 12:46 PM
1675	Conversion Tools	Feature	New	Normal	remove unreferenced streams, frames, buffers, temp-tables		11/16/2016 12:46 PM
1676	Conversion Tools	Feature	New	Normal	remove conditional expressions that always evaluate true or false		11/16/2016 12:46 PM
1677	Conversion Tools	Feature	New	Normal	deeper analysis of IF/CASE and other condition expressions		11/16/2016 12:46 PM
1678	Conversion Tools	Feature	New	Normal	rollup/simplify/remove dead code usually caused by preprocessor substitutions		11/16/2016 12:47 PM
1679	Conversion Tools	Feature	New	Normal	remove concatenation of empty strings		11/16/2016 12:46 PM
1680	Conversion Tools	Feature	New	Normal	convert "for each foo: delete foo. end." into a simpler form		11/16/2016 12:46 PM
1681	Conversion Tools	Feature	New	Normal	convert "for each foo: i = i + 1. end." to something like RecordBuffer.count(fooDMO)		11/16/2016 12:46 PM
1682	Conversion Tools	Feature	New	Normal	IF/ELSE unreachable processing needs to promote THEN/ELSE child nodes into enclosing block		11/16/2016 12:46 PM
1683	Conversion Tools	Feature	New	Normal	rewrite unreachable processing to run in a loop (and/or using ascent rules) to detect and "rollup" dead code		11/16/2016 12:46 PM
1684	Conversion Tools	Feature	New	Normal	variable definitions made in unreachable code actually still exist and can be used in Progress code		11/16/2016 12:46 PM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
1685	Conversion Tools	Feature	New	Normal	log all dead/unreachable code decisions		11/16/2016 12:46 PM
1686	Conversion Tools	Feature	New	Normal	ensure frame definitions properly account for formatting information in otherwise dead code		11/16/2016 12:46 PM
1687	Conversion Tools	Feature	New	Normal	remove frames which are completely scoped to dead code		11/16/2016 12:46 PM
1688	Conversion Tools	Feature	New	Normal	move LEAVE/NEXT rewriting from annotations into fixups		11/16/2016 12:46 PM
1691	Conversion Tools	Feature	New	Normal	remove unnecessary handle vars and replace with object of the appropriate type		11/16/2016 12:46 PM
1692	Conversion Tools	Feature	New	Normal	optimize/rewrite common expression idioms		11/16/2016 12:47 PM
1693	Conversion Tools	Feature	New	Normal	rewrite numeric increment/decrement expressions		11/16/2016 12:47 PM
1694	Conversion Tools	Feature	New	Normal	rewrite variable comparisons with the unknown value constant		11/16/2016 12:47 PM
1695	Conversion Tools	Feature	New	Normal	evaluate certain constant expressions at conversion time		11/16/2016 12:47 PM
1696	Conversion Tools	Feature	New	Normal	create a variable to replace multiple uses of a string literal		11/16/2016 12:47 PM
1697	Conversion Tools	Feature	New	Normal	eliminate duplication of frame definitions		11/16/2016 12:39 PM
1698	Conversion Tools	Feature	New	Normal	remove duplicate frame.openScope() calls from business logic		11/16/2016 12:46 PM
1699	Conversion Tools	Feature	New	Normal	remove duplicate validation expressions from business logic		11/16/2016 12:39 PM
1712	Conversion Tools	Feature	New	Normal	add ControlSetItem(String) and ControlSetItem(character) constructors		11/16/2016 12:46 PM
1713	Conversion Tools	Feature	New	Normal	remove duplicated code in frame definitions		11/16/2016 12:39 PM
1715	Conversion Tools	Feature	New	Normal	make frame definitions less verbose by replacing setter code with common case, parameterized, widget constructors		11/16/2016 12:39 PM
1716	Conversion Tools	Feature	New	Normal	remove unnecessary wrapping/unwrapping for expressions where primitive results could be used directly		11/16/2016 12:47 PM
1717	Conversion Tools	Feature	New	Normal	provide alternate, simplified signatures for LogicalTerminal.message()		11/16/2016 12:46 PM
1718	Conversion Tools	Feature	New	Normal	move ControlFlowOps.setReturnValue("") from business logic into runtime (TransactionManager)		11/16/2016 12:46 PM
1719	Conversion Tools	Feature	New	Normal	flatten if/else chains in converted code		11/16/2016 12:46 PM
1720	Conversion Tools	Feature	New	Normal	improve conversion of Progress 4GL if/else do: if/else end.		11/16/2016 12:46 PM
1721	Conversion Tools	Feature	New	Normal	name skip/space widgets skipX or spaceY instead of exprX or exprY		11/16/2016 12:46 PM
1722	Conversion Tools	Feature	New	Normal	remove format string constants that are not referenced in the business logic		11/16/2016 12:46 PM
1723	Conversion Tools	Feature	New	Normal	remove unnecessary curly braces associated with not being an "integrated_simple_do" in control_flow.rules		11/16/2016 12:46 PM
1724	Conversion Tools	Feature	New	Normal	replace "new FieldReference(dmo, propertyName)" in business logic with less verbose alternative		11/16/2016 12:46 PM
1725	Conversion Tools	Feature	New	Normal	replace unnecessary use of FieldReference in message and messageBox calls		11/16/2016 12:46 PM
1726	Conversion Tools	Feature	New	Normal	reset the counter for "condition" and "editingLabel" in <init-rules> for annotations rule sets		11/16/2016 12:46 PM
1727	Conversion Tools	Feature	New	Normal	detect constant variables and rewrite as final statics (non-shared vars only)		11/16/2016 12:46 PM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
1728	Conversion Tools	Feature	New	Normal	better analysis of function parameters to avoid emitting unnecessary code in business logic		11/16/2016 12:46 PM
1729	Conversion Tools	Feature	New	Normal	implement better default naming rules		05/13/2022 10:36 AM
1730	Conversion Tools	Feature	New	Normal	implement macro pattern matching		11/16/2016 12:47 PM
1731	Conversion Tools	Feature	New	Normal	reuse frame elements within business logic		11/16/2016 12:47 PM
1732	Conversion Tools	Feature	New	Normal	refactor common frame element arrays		11/16/2016 12:47 PM
1733	Conversion Tools	Feature	New	Normal	refactor/reuse validation expressions		11/16/2016 12:47 PM
1735	Conversion Tools	Feature	WIP	Normal	leverage lambda expressions (Java 8 "closures") to reduce code bloat	Greg Shah	06/12/2020 11:15 AM
1736	Conversion Tools	Feature	New	Normal	explore possibility of super procedures via Java inheritance		11/16/2016 12:46 PM
1737	Conversion Tools	Feature	New	Normal	eliminate/consolidate schema tables where possible		11/16/2016 12:46 PM
1738	Conversion Tools	Feature	New	Normal	provide configurable control over code formatting		11/11/2019 03:32 PM
1739	Conversion Tools	Feature	New	Normal	add hints/features for better control over comment conversion		09/06/2018 05:25 PM
1740	Conversion Tools	Feature	New	Normal	refactor include code for less verbose/redundant converted business logic		11/16/2016 12:47 PM
1741	Conversion Tools	Feature	New	Normal	create include analyzer to identify safe code that can be moved to a common location		11/16/2016 12:47 PM
1742	Conversion Tools	Feature	New	Normal	create hints documenting where (and how many times) each file is included		11/16/2016 12:47 PM
1743	Conversion Tools	Feature	New	Normal	create conversion rules to generate utility classes with common include code		11/16/2016 12:47 PM
1744	Conversion Tools	Feature	New	Normal	create remapping rules to remap the sections of moved include code to calls on common classes		11/16/2016 12:47 PM
1757	Conversion Tools	Feature	New	Normal	update ANTLR to latest version		02/16/2023 08:31 AM
1758	Conversion Tools	Feature	New	Normal	design a database schema to contain a complete conversion project		11/16/2016 12:46 PM
1765	Conversion Tools	Feature	New	Normal	create a tool to manage project configuration in the database		11/16/2016 12:46 PM
1766	Conversion Tools	Feature	New	Normal	create tools to manage non-flat file conversion artifacts		11/16/2016 12:46 PM
1767	Conversion Tools	Feature	New	Normal	rework the conversion front-end to be backed by the database		11/16/2016 12:46 PM
1768	Conversion Tools	Feature	New	Normal	eliminate statics/singleton patterns in the conversion driver and all other related classes for the front end		11/16/2016 12:46 PM
1769	Conversion Tools	Feature	New	Normal	implement full locking/synchronization for all shared data in the conversion driver and workers		11/16/2016 12:46 PM
1770	Conversion Tools	Feature	New	Normal	multi-threaded conversion driver		12/27/2017 12:43 PM
1771	Conversion Tools	Feature	New	Normal	rework all conversion tools to use a database-backed/centralized configuration		11/16/2016 12:46 PM
1772	Conversion Tools	Feature	New	Normal	rework all conversion tools to use database-backed/centralized tracing/logging/error management		11/16/2016 12:46 PM
1773	Conversion Tools	Feature	New	Normal	rework all conversion tools to implement versioning		11/16/2016 12:46 PM
1810	Conversion Tools	Feature	New	Normal	expand use of varargs in the runtime		11/16/2016 12:46 PM
1825	Conversion Tools	Feature	New	Normal	make common format strings into static, final variables in a shared class		11/16/2016 12:46 PM
1828	Conversion Tools	Feature	New	Normal	move header "widgets" that represent constants into the frame definition		11/16/2016 12:47 PM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
1835	Conversion Tools	Feature	New	Normal	replace common setup code for super-procedures with hand-written Java code		11/16/2016 12:46 PM
1837	Conversion Tools	Feature	New	Normal	put common adm, adm2 and appbuilder scaffolding in a base class		11/16/2016 12:46 PM
1838	Conversion Tools	Feature	New	Normal	extract symbolic constants from preprocessor expansions where possible		11/16/2016 12:46 PM
1839	Conversion Tools	Feature	New	Normal	add support for the customization of file names (external procedure)		11/16/2016 12:46 PM
1856	Conversion Tools	Support	New	Normal	update the Conversion Handbook		11/16/2016 01:31 PM
1863	Conversion Tools	Support	New	Normal	create training materials for the Conversion class		11/16/2016 01:31 PM
1901	Conversion Tools	Feature	New	Normal	modify the conversion process to properly run on Windows		11/16/2016 01:16 PM
1902	Conversion Tools	Feature	New	Normal	automatically default global configuration changes based on the platform on which conversion is running		11/16/2016 01:16 PM
1903	Conversion Tools	Feature	New	Normal	disambiguate generated filenames that are only differentiated by a difference in case (on Windows filename.txt and filEname.txt refer to the same file)		11/16/2016 01:16 PM
1904	Conversion Tools	Feature	New	Normal	update the chemtutor build.xml to handle conversion on Windows		11/16/2016 01:16 PM
1905	Conversion Tools	Feature	New	Normal	why does P2J_HOME have to be explicitly set for running the conversion on Windows and not in Linux? fix this		11/16/2016 01:16 PM
1906	Conversion Tools	Feature	New	Normal	find a way to programmatically force file.encoding="UTF-8" for the entire JVM when running on Windows, without needing to specify it on the command line or in some configuration file		11/16/2016 01:16 PM
1907	Conversion Tools	Feature	New	Normal	implement configurable control over the line termination characters used for both intermediate files and final output of the conversion process		11/16/2016 01:16 PM
1908	Conversion Tools	Support	New	Normal	update documentation for Windows conversion		11/16/2016 01:16 PM
1922	Conversion Tools	Feature	New	Normal	identify if and how we can convert the super procedure chain into an interface hierarchy		11/16/2016 12:46 PM
2109	Conversion Tools	Bug	New	Normal	a comment that is the first node in a block doesn't have a new-line after it		01/25/2021 05:14 PM
2111	Conversion Tools	Feature	New	Normal	improve handling of comments that are related to each other ("sets" of comments)		11/16/2016 12:46 PM
2112	Conversion Tools	Feature	New	Normal	blank lines before and/or after a comment should result in spacers in the converted code		11/16/2016 12:46 PM
2113	Conversion Tools	Bug	New	Normal	convert/comments.rules should ignore artificial nodes when trying to match comments to code		11/16/2016 12:46 PM
2114	Conversion Tools	Bug	New	Normal	analyze if there are any other "no reference" use cases which are mis-converted		04/10/2013 07:29 AM
2256	Conversion Tools	Feature	New	Normal	create tools to analyze the .pphints files		11/16/2016 12:46 PM
2262	Conversion Tools	Bug	New	Normal	ON statement preprocessing and parsing issues related to unmatched quotes or tilde		03/19/2014 12:26 PM
2356	Conversion Tools	Bug	New	Normal	pphints bug - nested includes are missing from the.pphints file	Constantin Asofiei	04/27/2017 12:40 PM
2357	Conversion Tools	Bug	New	Normal	callgraph - set schema triggers as entry points		08/04/2014 09:10 AM
2453	Conversion Tools	Support	New	Normal	remove unnecessary scope promotion		11/16/2016 12:46 PM
2464	Conversion Tools	Support	New	Normal	remove business logic var defs, format strings and undoable registrations for vars that only exist to defined @-base field widgets but are otherwise unreferenced as real variables		12/21/2014 10:19 AM



#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
2465	Conversion Tools	Feature	New	Normal	identify and remove unreferenced frames		11/16/2016 12:46 PM
2502	Conversion Tools	Feature	New	Normal	using a file list as input for the ConversionDriver fails if there is trailing space		11/16/2016 01:16 PM
2503	Conversion Tools	Feature	WIP	Normal	improve ConversionDriver.main() to provide back a return code and/or better handle exceptions so that using it in ant or scripts will provide the caller with failure notification	Eric Faulhaber	11/16/2016 01:14 PM
2609	Conversion Tools	Bug	New	Normal	Modify conversion processing so that basename can be specified with a trailing /		07/16/2015 04:18 PM
2712	Conversion Tools	Bug	New	Normal	Incorrect conversion of the DEFINE RECTANGLE ... LIKE ... statement		09/14/2015 04:15 PM
3114	Conversion Tools	Bug	New	Normal	changing SharedVariableManager to call TransactionManager.register[Global]()		05/18/2016 10:57 AM
3135	Conversion Tools	Bug	New	Normal	lcorrect conversion of FRAME:SIDE-LABELS in CREATE FRAME		06/28/2016 05:34 AM
3225	Conversion Tools	Feature	WIP	Normal	windows vs linux in p2j.cfg.xml	Ovidiu Maxiniuc	11/30/2020 03:01 PM
3247	Conversion Tools	Feature	New	Normal	need for different configuration values for different parts of a conversion project		02/10/2017 02:07 PM
3265	Conversion Tools	Feature	New	Normal	enhance pphints to have references, expansions and details in and about directives		03/15/2017 09:58 AM
3311	Conversion Tools	Bug	New	Normal	preprocessor hang that occurs when an include file positional argument that is mistakenly matched as a named argument		07/07/2017 01:25 PM
3312	Conversion Tools	Bug	New	Normal	DEFINE BUFFER with TEMP-TABLE fails to resolve persistent table		08/02/2017 04:15 PM
3314	Conversion Tools	Bug	New	Normal	user defined symbols that are unreserved keywords make FWD parser fail		08/02/2017 02:39 PM
3316	Conversion Tools	Bug	Test	Normal	String 'termin' is not accepted as a name of variable/field.	Greg Shah	10/03/2017 03:32 PM
3336	Conversion Tools	Bug	New	Normal	Source code analytics defect punch list		09/22/2017 01:45 PM
3337	Conversion Tools	Feature	New	Normal	Source code analytics features		01/30/2019 12:52 PM
3340	Conversion Tools	Bug	New	Normal	PatternEngine fails due to incompatible changes in guava version 21		09/28/2017 11:45 AM
3344	Conversion Tools	Feature	New	Normal	add database reports based on processing during conversion		09/28/2017 12:11 PM
3357	Conversion Tools	Bug	WIP	Normal	Code Analytics file filter view not working correctly on Windows		10/11/2017 11:23 PM
3359	Conversion Tools	Feature	New	Normal	enhance the callgraph to better support programs outside of the current application		10/13/2017 08:08 AM
3363	Conversion Tools	Feature	New	Normal	implement a replacement for the XCODE utility that can also handle decrypting source code		07/17/2018 02:37 PM
3516	Conversion Tools	Bug	New	Normal	Conversion issue for lambda generated code and library_calls testcases		03/14/2018 11:12 AM
3541	Conversion Tools	Feature	New	Normal	add PDF export for call graph reports		03/30/2018 04:31 AM
3695	Conversion Tools	Feature	New	Normal	instrument 4GL code for automated call-graph hint generation		08/24/2018 10:00 AM
3696	Conversion Tools	Feature	WIP	Normal	implement Progress AST anti-parser	Greg Shah	12/06/2018 08:20 AM
3697	Conversion Tools	Feature	New	Normal	provide a web UI to edit/manage call-graph hints and the root node list		08/23/2018 09:41 AM
3698	Conversion Tools	Feature	New	Normal	use call-graph analysis to link shared resource usage to the original resource definition		08/23/2018 09:19 PM
3703	Conversion Tools	Feature	New	Normal	add lint reports		08/28/2018 10:07 AM
3711	Conversion Tools	Bug	New	Normal	resolve remaining orphaned comments cases		09/14/2018 12:48 PM
3742	Conversion Tools	Bug	New	Normal	IE11 doesn't render the flowchart or callgraph links		10/04/2018 02:35 PM
3833	Conversion Tools	Bug	New	Normal	Conversion broken by multithreading		12/15/2018 06:12 PM

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3881	Conversion Tools	Feature	New	Normal	output actual file and line/column for all outputs in conversion/analytics		01/15/2019 04:47 PM
3882	Conversion Tools	Feature	New	Normal	changes to allow the front-end to be used for 4GL syntax checking		01/15/2019 04:50 PM
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
3891	Conversion Tools	Bug	New	Normal	3750a regression in comment attachment		01/17/2019 04:29 AM
3892	Conversion Tools	Bug	New	Normal	3750a core coversion performance regression		01/21/2019 10:00 AM
3971	Conversion Tools	Feature	WIP	Normal	add support for unicode escape sequences in the preprocessor	Alexandru Lungu	02/23/2024 07:14 AM
4053	Conversion Tools	Feature	New	Low	convert ant buildfile testcases/uast/build.xml into gradle buils file into build gradle	Alexei Kaigorodov	04/30/2019 06:38 AM
4076	Conversion Tools	Feature	New	Normal	remove empty triggers during conversion		05/11/2021 08:05 PM
4082	Conversion Tools	Bug	New	Normal	strong buffer scope can resolve ambiguous names		05/17/2019 01:19 PM
4085	Conversion Tools	Bug	New	Normal	failure parsing RUN statement filenames with embedded unmatched quotes		05/21/2019 08:01 AM
4104	Conversion Tools	Feature	New	Normal	allow mapping of absolute paths to project relative paths		05/30/2019 10:30 AM
4156	Conversion Tools	Bug	New	Normal	Conversion failed with "Cannot find buffer ..."		07/29/2019 07:13 AM
4157	Conversion Tools	Bug	New	Normal	Name conversion report problem		07/29/2019 02:14 PM
4246	Conversion Tools	Feature	New	Normal	Emit static Java calls for non-native COM objects		08/26/2019 09:18 AM
4389	Conversion Tools	Feature	New	Normal	escape support for supplementary unicode characters		11/07/2019 06:52 PM
4493	Conversion Tools	Feature	New	Normal	create a runner process which makes it a simple one-step-process to convert and execute an arbitrary set of 4GL code		01/07/2020 09:07 AM
4620	Conversion Tools	Bug	New	Normal	Direct Java conversion fails for arrays of objects		04/17/2020 06:31 PM
4644	Conversion Tools	Feature	New	Normal	add incremental reporting support		05/14/2020 04:12 PM
4867	Conversion Tools	Bug	New	Normal	Incremental conversion: change detection algorithm ignores .ext-hints files		08/31/2020 12:22 PM
4932	Conversion Tools	Bug	Test	Normal	Error in reports after upgrade from H2 1.4.197 to 1.4.200	Eric Faulhaber	09/30/2020 09:08 AM
4997	Conversion Tools	Feature	New	Normal	pre-define Possenet call-graph hints		11/05/2020 10:18 AM
4998	Conversion Tools	Feature	New	Normal	improve automatic calculation of ADM/ADM2 call graph linkages		11/05/2020 10:21 AM
4999	Conversion Tools	Support	New	Normal	pre-converted Possenet		11/05/2020 10:31 AM

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