

OpenEdge 12.0 Issues Addressed by the Release

March 2019

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| [ABLTOOLS] ADAS-10854 | Memory violation using HTTP Client is crashing when SetRequestTimeout or RequestTimeout Methods are used for the Request. |
| [ABLTOOLS] ADAS-10805 | Using Http Client and setting setRequestTimeout Method to 1 second it constantly reports the following error: Invalid argument used with SO-RCVTIMEO. (9182) |
| [ABLTOOLS] ADAS-12761 | HTTP Client does not return the response body when no Content-Length header sent, despite the request being successful (status code 200). |
| [ABLTOOLS] ADAS-12764 | For redirected requests, the Location header value is appended to the URL instead of being added as a path |
| [ABLTOOLS] ADAS-12874 | HTTP Client fails to process cookies where Set-Cookie headers span multiple lines. |
| [ABLTOOLS] ADAS-13404 | MultipartEntityWriter's boundary finding uses strings; fails for certain collations |
| [ADE] ADAS-11162 PSC00320124 | When using the Data Dictionary in a runtime environment, the Sequence Properties throws the error: Attempt to modify schema during run-time or query session (484). |
| [ADE] ADAS-8656 | When running the product/dump_df.p utility in OpenEdge 11.x versions, the contents of the file are appended to the df file if it already exists. |
| [DataServers] ODIA-2483 | Incorrect predicate generated in SQL after adding unique index with an INDEXED-REPOSITION query |
| [DataServers] ODIA-2507 | Oracle DataServer crashed on indexed-reposition if there is CLOB column in table. |
| [DataServers-MSSQLSRV] ODIA-2424 | Dataserver query returns "A column has been specified more than once in the order by list. Columns in the order by list must be unique." |
| [DataServers-MSSQLSRV] ODIA-2523 | FOR EACH, FIRST query defined in an ABL procedure and that procedure is run multiple time it resulted in error 6228 |
| [DataServers-MSSQLSRV] ODIA-2524 | Join query with FIRST/LAST criteria throws error, when AND clause is enclosed within parenthesis and there is no explicit WHERE clause in preceding join buffers. |
| [DataServers-MSSQLSRV] ODIA-2716 | FOR EACH, EACH OF fails to locate record if OF is external and generates error 91 if the query is followed by similar query with OF expanded to WHERE. |
| [DataServers-MSSQLSRV] ODIA-2717 | FOR EACH, FIRST with WHERE external field = TRUE produces SQL error |

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| [DataServers-MSSQLSRV] ODIA-2823 PSC00356253 | Renaming the fields and index are not reflected in delta .df / .sql files generated by MS SQL DataServer |
| [DataServers-ORACLE] ODIA-2065 | Truncation or null fetch error occurred displayed in log file even though LONG column if re fetched. |
| [DataServers-ORACLE] ODIA-2171 | Incorrect SQL query is generated when the query features an INDEX function and uses an OUTER JOIN, with the join taking place on the server-side. |
| [DataServers-ORACLE] ODIA-2194 | Oracle DataServer is providing hint INDEX_ASC instead of INDEX_DESC for reposition-backward() |
| [DataServers-ORACLE] ODIA-2824 PSC00356906 | Query executed via DataServer for Oracle returns different results depending on qt_cache_size. |
| [DB] OCTA-2562 PSC00206386 | On Client-Server connections, if you attempt to access fields created using an online schema change via JDBC connection (OE Architect DB navigator), you encounter errors 450 and 3191 |
| [DB] OCTA-2674 PSC00228850 | The proutil replstatus command can corrupt dates if the AI files are not available, giving date mismatch errors when the AI files are returned. |
| [DB] OCTA-2798 PSC00242616 | IDXFIX is not logging the WARNINGS listed in the 2806 message to the database.lg file. |
| [DB] OCTA-3032 PSC00299594 | Using a very large value for -B with proutil -C idxbuild may crash with SYSTEM ERROR: Bus error. (48) |
| [DB] OCTA-3061 PSC00308183 | The login counters for SQL Broker connections are not incremented in the R&D Status For Servers display section of the promon utility. |
| [DB] OCTA-3248 PSC00340771 | A database server will fail to start after converting a database to a new version if AIMGT is enabled and After Imaging was disabled prior to the conversion process. |
| [DB] OCTA-3298 PSC00343851 | <p>Probkup may silently fail to backup all necessary blocks in the database for databases that are backed up frequently over a number of years. The maximum value for the backup counter was 65,535. In applicable terms, performing a daily backup would hit this limit in roughly 179 years. An hourly backup would hit the limit in 7.5 years. Note that the backup counters in the database blocks are reset to 0 after a binary dump and load.</p> <p>In 12.0, the counter has been extended for Type II Storage Areas to provide a maximum of 16 million backups. The logic in backup has been changed for Type I Storage Areas to work with this limitation.</p> |

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| <p>[DB] OCTA-3941 PSC00363527</p> | <p>LRU2 is getting enabled even when -B2 is not exhausted and/or the table for which B2 is defined for is not being used at all (neither for read or write operations) Object level assignments are not done on the -B2.</p> |
| <p>[DB] OCTA-3956 PSC00363763</p> | <p>When OE Adv. Ent. RDBMS and Workgroup or Enterprise database licenses are installed, Replication enabled databases fail to start with error 10762 when the product licenses have not expired: (10762) Your license for Replication has expired.</p> |
| <p>[DB] OCTA-4009 PSC00364362</p> | <p>When using after imaging, disabling AI online and then re-enabling it online will result in error: (12161) The after-image extent /usr/wrk/sample.a1 must be FULL before its contents can be extracted.</p> |
| <p>[DB] OCTA-7813</p> | <p>When replication is running on a source database with very heavy AI activities, the PICA queue on the source database could have high contention and thus affect application performance.</p> |
| <p>[DB] OCTA-8533</p> | <p>A CDC transaction backout from a user cancel failed with the following messages: cdcChgTrackingKeyCreate: Internal Error in key create inst 30 ret -1218. Line 105005: [2018/09/24@09:59:57.731+0600] P-14783 T-1 ABL 3202: (18456) SYSTEM ERROR: cdcRecordWrite: Failed to unlock record 18967006/0 of table -364, errno -1218.</p> |
| <p>[DB] OCTA-8691</p> | <p>The bulkload utility fails to load records that have a datetm-tz field. The utility displays the error: ERROR \- Invalid time zone format. Use MM-DD-YYYY HH:MM:SS.SSS+HH:MM for datetime-tz format (12104)</p> |
| <p>[DB] OCTA-9808</p> | <p>Database hung after LRU on alternate buffer pool established</p> |
| <p>[DB] OCTA-10583 PSC00346051</p> | <p>In message 10396, the negative port number is a field overflow due to incorrect field format: (10396) The Fathom Replication Server cannot connect to the database broker on 10.4.49.231 at the port -17526.</p> |
| <p>[Install] OCTA-2630 PSC00223719</p> | <p>During the installation process, setting a custom install target with an ending backslash causes some OpenEdge environment variables to be assigned incorrect path values. This corruption causes some utilities that rely on some of these environment settings to fail.</p> |
| <p>[Install] OCTA-3003 PSC00284458</p> | <p>On Windows, if multiple versions of OpenEdge are installed and if one of them is uninstalled, the uninstaller is removing the complete registry key. This causes the existing installation to be broken.</p> |

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| [Install] OCTA-3290 PSC00343360 | Installer allows trailing backslash when entering DLC and Working Directory paths which can cause problems with tailored files. |
| [Install] ADAS-13096 PSC00362216 | While installing OpenEdge from a directory which already has a .cfg file in it the install fails or gives error. |
| [Install] OCTA-3949 PSC00363666 | PROUPDT does not update Company Name in the progress.cfg file. |
| [Install] OCTA-6189 | WRK directory not being created during the install. |
| [Lang] OCTA-3068 PSC00309671 | The table read values are wrong when using the QRYINFO log entry type in order to investigate database table access statistics. |
| [Lang] OCTA-3107 PSC00320254 | The Web Services Adapter (WSA) is ignoring both XML-NODE-TYPE "HIDDEN" and SERIALIZE-HIDDEN for a ProDataSet definition. |
| [Lang] OCTA-3300 PSC00343969 | Using the file_search function in dirsrch.dll to retrieve the list of files in a subdirectory locks the subdirectory until the AVM session ends, preventing other applications from modifying the subdirectory. |
| [Lang] OCTA-3428 PSC00349845 | The compiler will fail to generate an error when the LIKE phrase is used to target a PROPERTY when defining a VARIABLE. Using a PROPERTY with LIKE is not supported and the failure of the compiler to error out can generate r-code that will crash at runtime. |
| [Lang] OCTA-3739 PSC00359733 | Assigning a character to the field of a temp-table handle where the field has a format of 9999 causes error (630). |
| [Lang] OCTA-3896 PSC00362514 | The 64-bit graphical client (prowin.exe) may crash in CORE_RL_magick_.dll when the user attempts to select a file from a mapped network drive. This issue does not occur in the 32-bit graphical client (prowin32.exe). |
| [Lang] OCTA-3918 PSC00362983 | The AVM crashes when attempting to run a procedure on a server, if the handle to the server is obtained in-line via the the construct hAppServer:HANDLE and a parameter to the procedure is missing. For example: RUN MyProcedure ON AppServer:HANDLE (, 123). |
| [Lang] OCTA-4021 PSC00364508 | Attempting to assign a longchar that was previously initialized to Unknown value (?) to the value "" fails and the variable retains the Unknown value (?). |
| [Lang] OCTA-4102 PSC00365421 | A preprocessor directive can set the COMPILER:MESSAGE-TYPE attribute to 1 (error) instead of 3 (preprocessor directive) |
| [Lang] OCTA-4115 PSC00365519 | The IMPORT statement fails for longchars when the data was not generated by the EXPORT statement. |

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| [Lang] OCTA-6265 | An attempt to set length of RAW variable to a size greater than 32K may appear to succeed but the client will crash if a subsequent adjustment to the length of the RAW variable is made. |
| [Lang] OCTA-6722 | Applying the VALUE-CHANGED event to a toggle-box which has not been realized flips the current value of the toggle-box when using a GUI client. |
| [Lang] OCTA-7514 | The client may fail when clearing a temp-table that is a member of a ProDataSet. |
| [Lang] OCTA-7614 | Some OpenEdge executables, including Progress.clrbridge.dll and prox.dll, do not have ASLR (Address Space Layout Randomization) security enabled. |
| [Lang] OCTA-7874 | On Windows, a client log file greater than 4GB cannot be opened and the client session proceeds without a log file. |
| [Lang] OCTA-8031 | When inferring a ProDataSet definition during READ-JSON, if all fields are not present in the first record, the definition might not be inferred correctly. |
| [Lang] OCTA-8342 | Word wrapping in text-group fields incorrectly wraps a word to the next field when a space is entered as the last character in the previous field. |
| [Lang] OCTA-8353 | Error message 2624 (attempting to acquire a lock on a locked record) contains a malformed userid. |
| [Lang] OCTA-8536 | Error 4478 "FRAME is NO-BOX. It cannot have a TITLE attribute." occurs when attempting to set the TITLE attribute of a NO-BOX frame to the Unknown value (?). |
| [Lang] OCTA-8726 | WRITE-JSON of a large ProDataset crashes when the system runs out of memory. |
| [Lang] OCTA-9971 | Using the .NET Open Client OpenAPI passing a dataset handle fails with the following error: Progress.Open4GL.Exceptions.Open4GLException: "Input result set error: System.NullReferenceException: Object reference not set to an instance of an object. There might be a mismatch between an input result set and the schema in the proxy. (7228) (7176)" |
| [Lang] OCTA-9137 PSC00361978 | An ABL client crashes when running from source code or when syntax checking the ABL code which assigns a large value (4070+ characters) to a LONGCHAR when utilizing the Compile Warning List (-cwl) startup parameter. |
| [Lang] OCTA-9329 | Using a FIND statement in a session using a client/server database connection, can erroneously raise a STOP condition depending on the statement. |
| [Lang] OCTA-9775 | Creating a COMBO-BOX or SELECTION list and exceeding the capacity of the widget, 64KB (by adding list items using ADD-LAST/ADD-FIRST) causes an ACCESS-VIOLATION crash. |
| [Lang] OCTA-9935 | The ENTRY statement clears the list when the list is of type LONGCHAR and the expression provided to the statement is an empty string. |

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| [Lang] OCTA-9961 | An invalid index assignment to a non-undo Temp-Table residing on PAS for OpenEdge causes generation of the same error on all subsequent requests to the server - regardless of whether that Temp-Table is part of the subsequent request. |
| [Lang] OCTA-10055 | Invoking SET-SIZE on a MEMPTR parameter incorrectly generates error 2914 "Put/Get functions not allowed on uninitialized memory." |
| [Lang] OCTA-10067 | While trying to serialize a ProDataset created from complex nested XML to JSON, the generated JSON is not valid. |
| [Lang] OCTA-10108 | Multiple PAS for OpenEdge agents, starting at the same time can run into contention issues with accessing the .NET CLR bridge. |
| [Lang] OCTA-10138 | The session may crash deleting a query associated with a dataset when the "OFF-END" call back has been set and the dataset is deleted prior to deleting the query. |
| [Lang] OCTA-10333 PSC00353085 | Client session hangs when processing time exceeds specified time in STOP-AFTER clause. |
| [Lang] OCTA-10334 PSC00353960 | When using READ-XML, if the prodataset being used has a buffer relation defined and the definition doesn't include PARENT-ID-FIELD, then the session can crash. |
| [Lang] OCTA-10335 PSC00356796 | STRING function fails to generate a warning when it encounters unconvertable characters, and fails silently. |
| [Lang] OCTA-10420 | If an overridden method is called during the construction of a hybrid object (an ABL class inheriting a .NET class) and THIS-OBJECT is used in the override, the ABL portion of this object may be deleted prematurely resulting in a corrupted object reference. |
| [Lang] OCTA-10465 PSC00357775 | Scrolling a frame using the up and down arrows on the scroll bar is slow when the viewport of a frame is small relative to the virtual size of the frame. |
| [Lang] OCTA-10466 PSC00363003 | The compiler erroneously allows the use of OOABL methods that return a LONGCHAR in a WHERE clause |
| [Lang] OCTA-10467 PSC00283546 | Registry operations on non-ASCII characters do not work correctly from a client running with -cpinternal UTF-8. Values may be written to the registry and returned correctly within the AVM, but accessing the values from other software/tools shows the value is incorrectly written. |
| [Lang] OCTA-10468 PSC00348631 | If there is more than one word index defined for a field, updating the field can result in the following error: "Unable to delete old values for the index of a word-indexed field (index <index-name> of table <table-name>). The index may be damaged. (12112) " |
| [Lang] OCTA-10471 PSC00359637 | If the value of the initialization vector provided to the decrypt function is smaller than the size expected by the algorithm, the decrypt function may fail. |

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| [Lang] OCTA-10472 PSC00355730 | Output temp-tables parameters are not deleted after an ASYNCHRONOUS request via the SESSION handle |
| [Lang] OCTA-10473 PSC00344292 | Dynamic find-* methods crash if called on an invalid handle, if the expression passed as WHERE clause parameter also has reference to an invalid handle. For example: hBuffer:find-first('where ':U + hBuffer:name + '.fieldname = 123':U). Where hBuffer is a handle variable that isn't set to anything. |
| [Lang] OCTA-10474 PSC00353478 | On unix/linux, if a _progres session gets a SIGUSR1 signal (either from kill -s USR1 or using proGetStack) while it's executing a PAUSE <n> statement, the PAUSE breaks immediately. |
| [Lang] OCTA-10571 PSC00327802 | When using IMPORT UNFORMATTED, if the last line of the file does not contain an end-of-line character, the last line is not read, and the second last line is returned twice. One manifestation of this is when generating a WebSpeed web object from HTML, if the last line of the the source HTML does not have an end-of-line character, the second last line is repeated, yielding invalid HTML. |
| [Lang] OCTA-10572 PSC00355023 | The client may hang when invoking a query which uses the Contains operator in client / server mode. |
| [Lang] OCTA-10575 PSC00357144 | The CONNECTED function does not gracefully handle the client losing its TCP connection to database. |
| [Lang] OCTA-10576 PSC00287897 | If the SOAP Header contains invalid XML, the OpenEdge client will crash. |
| [Lang] OCTA-10578 PSC00341426 | The GET-KEY-VALUE statement corrupts extended characters when reading them from the registry in a UTF-8 session. |
| [Lang] OCTA-10579 PSC00351574 | The OpenEdge client may generate error 11797 when calling a RPC/Literal style Web Service operation. |
| [Lang] OCTA-10580 PSC00261274 | The PUT-KEY-VALUE statement corrupts extended characters when writing them to the registry in a UTF-8 session. |
| [Lang] OCTA-10581 PSC00359423 | If there is an I/O blocking statement in a CATCH block associated with an iterating block (e.g. FOR EACH), the FOR EACH can go into an infinite loop. |
| [Lang] OCTA-10586 PSC00359375 | Character client session raises error 4149 with the MESSAGE statement when the message is longer than 77 characters and doesn't contain a space. |
| [Lang] OCTA-10589 PSC00350473 | The QryInfo log entry type returns a negative number when the query resolves to more than 32,767 records. |

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| [Lang] OCTA-10592 PSC00357265 | When an OS-COMMAND statement fails in a PAS for OpenEdge multi-session agent, an error message is not written to the agent's log file. |
| [OEM] ADAS-2991 PSC00316532 | An incorrect (false error) alert is being thrown by a Dataserver broker LogFileMonitor under OpenEdge Management. |
| [OEM] ADAS-8323 | Replication enabled databases cannot be managed by the AdminServer when only an Advanced Enterprise RDBMS license is installed. |
| [OEM] ADAS-10510 | The database locks in use high rule in OpenEdge Management is triggered incorrectly even when there are no actual locks in use. |
| [OEM] ADAS-10605 PSC00345048 | OpenEdge Management does not respect the fathomReportDir system property being set to a non-default location. This causes the output files for reports to return error 404 when accessed from the report runs. |
| [OEM] ADAS-10744 | When the broker or agent log file for an AppServer is configured for rollover, the OpenEdge Management REST API used to retrieve log file contents may return a file not found error, indicating the original log file name could not be located. |
| [OEM] ADAS-10771 | When a database is shutdown using the dbman command, a "Database Agent, xxx, crashed! (9742)" alert may be triggered randomly from OpenEdge Management even though dbman did not actually crash. |
| [OEM] ADAS-14609 PSC00251874 | The Log File Viewer in the OpenEdge Explorer does not work for a remote WSA instance. It throws an error "File was not found: <file spec> (10610)" even though the file location is correct. |
| [OEM] ADAS-14634 PSC00356636 | AdminServer log file reports "Fathom Replication not enabled (10358)" message for every poll even though OpenEdge Replication is not installed. |
| [OEM] ADAS-14636 PSC00360213 | OEM custom dashboard views disappear after AdminServer restart, and return "There is no viewlet to display." |
| [OEM] ADAS-14637 PSC00359752 | Openedge Management console hangs with java.lang.OutOfMemoryError since the Orient database does not shutdown properly. |
| [OEM] ADAS-14638 PSC00357066 | Accessing OpenEdge Management's User details page for a managed database triggers an Out of Memory exception. |
| [OEM] ADAS-14640 PSC00347284 | Starting a remote AppServer via OpenEdge Management reports "Failed to process trend values: null column value encountered in trend sample for table <table> column <column>" |
| [PASOE] ADAS-3980 PSC00361901 | PAS for OpenEdge Session Manager log reporting c.p.a.s.j.r.JSONIntegerELResolver warnings for REST calls. |
| [PASOE] ADAS-10161 | Input parameter value is unknown (?) when the corresponding JSON value is "" (empty string). |

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| [PASOE] ADAS-10991 | When copying an instance that is deployed as a Windows Service to another system, the <code>psc.as.service</code> property will be set to true. This will prohibit this instance from being registered as a Windows service. |
| [PDSOE] ADAS-3135 PSC00334571 | When generating the ABLDoc documentation using the Generate ABLDoc wizard, documentation for the test method (or any method with annotations) does not contain any information inserted in the class. Documentation is empty, has only default template. |
| [PDSOE] ADAS-4206 PSC00364824 | <code>integrateArchitect -install</code> command used to install PDS for OpenEdge plugins over external eclipse reports bundles and constraints not resolved, and fails with an <code>StringIndexOutOfBoundsException</code> . |
| [PDSOE] ADAS-4254 PSC00365200 | The outline view does not show internal procedures if a procedure is defined within preprocessors. |
| [PDSOE] ADAS-7514 | Progress Developer Studio for OpenEdge fails to resolve / display variable type when used in a chained expression. For example, PDS for OpenEdge displays "hDS could not be resolved" when the cursor is hovered over "hDS". <code>hTab = hDS:GET-BUFFER-HANDLE(hBuff:TABLE).</code> Whereas the types of both <code>hTab</code> and <code>hBuff</code> are shown correctly (e.g. "hTab - HANDLE") |
| [PDSOE] ADAS-9277 | PDS for OpenEdge does not show key-word or variable info when the mouse cursor hovers over it, when the first non-comment line in the file is an include file reference. |
| [PDSOE] ADAS-9331 | In PDS for OpenEdge, outline View does not update to reflect the current position in code when first non-comment line is a include file reference. |
| [PDSOE] ADAS-10994 | <code>&ANALYZE-SUSPEND</code> code block containing more than one <code>USING</code> statement will be collapsed when the file is re-opened in PDS for OpenEdge. |
| [PDSOE] ADAS-11063 | While trying to use the ABLWebApp Ant task to generate the data access object catalogs, they do not generate <code>.gen</code> files. |
| [PDSOE] ADAS-11492 | Method subtree in outline view of PDS for OpenEdge has missing information. The icons lack the M (for method) and the little overlay for the access modifiers (public, protected, private). |
| [PDSOE] ADAS-11593 | Properties or other members of the inherited class do not show up in content assist suggestions of PDS for OpenEdge if the inherited class is determined through a preprocessor code in class header. |
| [PDSOE] ADAS-14643 PSC00346401 | When the code is larger than the scratchpad viewport and there is a scrollbar, pasting anything at the end will cause the pad to scroll to the top. |
| [PDSOE] ADAS-14644 PSC00359102 | When defining a <code>TEMP-TABLE LIKE</code> and adding a custom index, the Outline view shows the custom index AND the indexes on the table from the database. |

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| [PDSOE] ADAS-14727 PSC00347189 | Cannot find references to a method with temp-table parameters. |
| [SQL] OCTA-3459 PSC00351075 | ABL DATETIME-TZ data-type is interpreted as TEXT by third-party SQL clients, instead of TIMESTAMP WITH TIMEZONE. |
| [SQL] OCTA-6268 | RAW-TRANSFER statement fails while a SQL connection in parallel adds column(s) to the same table which was being used by RAW-TRANSFER statement. |
| [STAT] ADAS-14376 PSC00244440 | port out of range:-1 error when starting Sonic MQ adapter |