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Current PTF Listing                                        Page     1

Product ID  . . . . . . . : 2A55XL1 Excel-erator - Gumbo Software, Inc.
Release . . . . . . . . . : V1R7M0
As of . . . . . . . . . . : 2015/12/29


                                                  Status    Superseded
          PTF ID   Description                     Date      By
          -------  -------------------------------------------- --------  -------
          1X70ALL  Cumulative PTF Package Last Updated 2015/12/29
          1X70001  GLB Remove Optimization                      12/12/12
                     o Module optimization turned off. i5/OS V6R1 is
                       unable to reencapsulate optimized modules
                       generated by i5/OS V5R4 on some machines.
          1X70002  XL1 CCSID, Headings Fix, New COLHDG()s        11/01/12  1X70032
                     o Was applying field data CCSID to column
                       heading data when *COLHDG or *COLHDGBLD were
                       specified on COLHDG() parameter. The CCSIDs
                       for the two are usually the same, but may
                       differ and results were incorrect when they
                       did.
                     o Was applying largest column heading count from
                       any sheet to all sheets. Now calculates number
                       of column headings to generate on a sheet by
                       sheet basis.
                     o Added code for new COLHDG(*COLHD1/*COLHD1BLD).
          1X70003  XL1 New Specials For CPYTOEXCEL               11/01/12  1X70009
                     o A new special value *COLHD1 and its bold
                       equivalent *COLHD1BLD were added to the
                       COLHDG() parameter. Similar to *COLHDG and
                       *COLHDGBLD they use data from the DDS
                       COLHDG() keyword, but generate a single row
                       with multiple lines instead of multiple rows
                       with a single line each. *COLHD1 and
                       *COLHD1BLD are not supported by the *BIFF4
                       TRANSFORM.
          1X70004  XL1 New Specials For SNDFEXCEL                11/01/12  1X70012
                     o *COLHD1 and *COLHD1BLD added.
          1X70005  XL1 Multiple File Sheet Tab Selection         11/01/12  1X70032
                     o Only the first sheet tab of the first
                       spreadsheet was set as active in a multiple
                       spreadsheet email. Now the first sheet tab
                       of each spreadsheet is set as active.
          1X70006  NLS Add New Function Export                   12/12/12
                     o Added new function to open conversion
                       descriptors that track conversion
                       substitution counts.
          1X70007  CSV Add New Service Program                   12/12/12  1X70033
                     o Initial build. Functions to generate Comma
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          Separated Values (CSV) file format were
          created and compiled into a service program
          to provide file processing.
1X70008   XL1 Implement Comma Separated Values   11/01/12  1X70032
          o New transforms to generate Comma Separated
            Values (CSV) files have been added. These
            are:
              *CSVUTF8
                Comma Separated Values (CSV) format.
                Data is converted to UTF-8.
              *CSVUTF8M
                Comma Separated Values (CSV) format.
                Data is converted to UTF-8 and Byte Order
                Mark xEFBBBF is inserted at the start of
                the file.
              *CSVRFC
                Comma Separated Values (CSV) format.
                Data is converted to US-ASCII in strict
                compliance with "RFC4180 Common Format
                and MIME Type for Comma-Separated Values
                (CSV) Files".
1X70009   XL1 New Specials For CPYTOEXCEL        12/12/12
          o Add CSV special values *CSVUTF8, *CSVUTF8M,
            and *CSVRFC.
1X70010   XL1 New Specials For SNDFEXCEL         11/01/12  1X70012
          o Add CSV special values *CSVUTF8, *CSVUTF8M,
            and *CSVRFC.
1X70011   XL1 Implement *TRNEXT, Fix *COLHDG     11/01/12  1X70032
          o New dynamic path name special value *TRNEXT
            implemented. When found, the new special
            value is resolved to a file extension
            appropriate to the transform specified:
              o  XLS for *BIFF8 or *BIFF4.
              o  csv for *CSVUTF8, *CSVUTF8M or *CSVRFC.
          o Corrected operation of *COLHDG/*COLHD1 and
            their bold equivalents for transforms except
            *BIFF4. In the event that a field has
            leading blank column headings, for example
            COLHDG(' ' 'ABC' 'DEF'), the spreadsheet
            could be generated with 'DEF' missing.
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PTF ID	Description	Status Date	Superseded By
	The specifics depend on the column headings over the other fields selected for the spreadsheet.		
1X70012	XL1 Update Default For SNDFEXCEL	12/12/12	
	o SNDFEXCEL's default value for "Attachment file name" was '*FILE.XLS'. It has been updated to '*FILE.*TRNEXT' to take advantage of the new special value. Existing programs using the BIFF tranforms will generate the the same results as before the change.		
1X70013	XL1 Message File Updates	12/12/12	
	o Updated or added messages for CSV transforms.		
1X70014	XL1 Help Panel Updates	12/12/12	
	o Update help panels for CSV transforms.		
1X70015	XL1 Reissue Service Program	11/01/12	1X70032
	o XL1 Reissue Service Program		
1X70016	MSU DSPMAILLOG *CURRENT Error	11/01/12	1X70026
	o DSPMAILLOG no longer assumes the system date format is the same as the job date format when converting *CURRENT special value.		
1X70017	MSU DSPMAILLOG *CURRENT Error	11/01/12	1X70026
	o Reissue PTF.		
1X70018	IFS Path Normalization Problem	11/01/12	1X70029
	o An internal table was missing '\' code points for ccsids 1130, 1140, 1141, 1142, 1143, 1144, 1145, 1146, 1147, 1148, 1149, 1153, 1154, 1155, 1156, 1157, 1158, 1160, 1164, 1388, 1399, 4971, and 5026. As a results, path normalization from '\' to '/' did not work correctly in these ccsids.		
1X70019	XL1 Format Corrections and Changes	11/01/12	1X70032
	o The builtin formats created during *BIFF4 and *BIFF8 conversion have been updated to more closely match those created by Excel.		
	o Formats created to implement edit codes for *BIFF4 and *BIFF8 conversions have been updated to more accurately reflect the intended appeerence.		
1X70020	BIF Large File String Storage Error	11/01/12	1X70024

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PTF ID	Description	Status Date	Superseded By
	o The size calculation used for SST record memory allocation was in error. As a result spreadsheets produced from files with many unique strings (character fields) were in error and could not be opened. The example reported contained 10 megabytes of strings in 70 fields over 55,000 records.		
	o An improved string hashing alogorithm was implemented. With the change, large files with many strings (character fields) see an improvement in processing time.		
	o *BIFF4 maximum number of rows was erroneously set to 16,384 with the addition of *BIFF8. The value has been returned to 65,536.		
1X70021	XL1 Miscellaneous Corrections	11/01/12	1X70032
	o Corrected the default, "automatic", border color generated by the Column Heading Format (COLHDGFMT) parameter.		
	o Many command parameters are irrelevant when generating *CSV and are ignored if specified. Diagnostic messages are now issued for the ignored parameters and processing continues.		
	o The alignment code for sheet title formatting was inadvertently omitted, resulting in a vertical alignment of "Distributed". The code was added giving the intended "Bottom" alignment and consequently the title spills across cell boundaries instead of folding.		
1X70022	MSU VFYLOCAL Turns Off *LOOPBACK at V6R1M0	12/12/12	
	o Mail verification no longer turns off *LOOPBACK. At V6R1, the STRTCPIFC command issues message id TCP1B12 as a diagnostic instead of an escape. Our VFYLOCAL command was using the escape to determine is we turned on the interface and if we did, turned it off. Now the *LOOPBACK interface is left on in all cases.		
1X70023	XL1 Excel 2010 Validation Failure	11/01/12	1X70032
	o A malformed *BIFF8 record causes spreadsheets generated by Excel-erator to fail Microsoft		

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                                                    Status    Superseded
          Description                               Date      By
PTF ID
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          Excel 2010's file validation. The record is
          corrected.
1X70024   BIF Excel 2010 Validation Failure           12/12/12
          o Malformed *BIFF8 comment records failed Excel
            2010 validation test.
1X70025   XL1 % Format Assigned Incorrectly           11/01/12  1X70032
          o Built-in format assignment for percent was
            incorrect, disarming the interface button.
1X70026   MSU DSPMAILLOG Misleading Failure           12/12/12
          o DSPMAILLOG was sending a "no data available"
            message regardless of the reason for failure
            of the DSPJRN command. Command now sends an
            "error encountered" message for DSPJRN
            failures unless the failure is CPF7062
            "No entries converted ...".
1X70027   IFS Add link/unlink exports                 11/01/12  1X70029
          o Functions were added for creating and
            removing hard links for stream files.
1X70028   SND File Processing Now Asynchronous        11/01/12  1X70032
          o Previously when adding files as attachments,
            calling functions had to insure that each file
            was available until the email was finalized
            and sent. Internal processing was changed to
            establish hard links to the files, allowing
            the calling function to delete them
            immediately.
1X70029   IFS Correct IFS1014/IFS1016 Message Usage   12/12/12
          o Corrected usage of message id IFS1014 and
            IFS1016.
1X70030   IFS Add Message ID IFS1014/IFS1016          12/12/12
          o Added missing message id IFS1014 and IFS1016.
1X70031   SND Unlinkable File Processing              11/01/12  1X70032
          o Improperly initialized variable resulted
            in garbage in message data for message id
            SND1009 and SND1030.
          o Objects in unlinkable file systems now
            handled properly.
1X70032   SNDXL1 New Export-Implement                 12/12/12
          o SND New export to allow client to select
            synchronous vs asynchronous processing.
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           o XL1 Implement new interface.
1X70033  CSV Overly Strict Conversion Used            03/02/15
           o Overly strict conversion criteria caused
             conversion to fail for otherwise convertable
             files. For example CCSID 284 data on a CCSID
             1145 machine.

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