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PTF ID	Description	Status Date	Superseded By
1X80ALL	Cumulative PTF Package Last Updated 2018/02/23		
1X80001	XL1 Excel 2010 Validation Failure	11/01/12	1X80032
	o A malformed *BIFF8 record causes spreadsheets generated by Excel-erator to fail Microsoft Excel 2010's file validation. The record is corrected.		
1X80002	BIF Excel 2010 Validation Failure	12/12/12	
	o Malformed *BIFF8 comment records failed Excel 2010 validation test.		
1X80003	W3S Iconv Failure With Some CCSIDs	12/12/12	1X80030
	o iconv_open() failure with error 3021 with *XMLSS and some CCSID combinations.		
1X80004	CSV Add Variable Separator Processing	12/12/12	1X80026
	o Added support for user specified separator character.		
1X80005	XL1 Add Variable Separator Processing	11/01/12	1X80032
	o Added support for user specified separator character.		
1X80006	XL1 Message File Updates	11/01/12	1X80022
	o Add new message descriptions.		
1X80007	XL1 Help Panel Updates	11/01/12	1X80016
	o Update help panels.		
1X80008	XL1 CPYTOEXCEL CSVSEPCHR() Added	11/01/12	1X80014
	o CPYTOEXCEL parameter CSVSEPCHR() added. See command help for additional details.		
1X80009	XL1 SNDFEXCEL CSVSEPCHR() Added	11/01/12	1X80015
	o SNDFEXCEL parameter CSVSEPCHR() added. See command help for additional details.		
1X80010	XL1 % Format Assigned Incorrectly	11/01/12	1X80032
	o Built-in format assignment for percent was incorrect, disarming the interface button.		
1X80011	XL1 Defer Activation For Services	11/01/12	1X80032
	o Main service program now takes advantage of deferred activation introduced at V6R1. Only the service programs that are needed are activated, at the point at which they are needed. Unnecessary activations are avoided		
1X80012	OOX Add OOXML Processing Services	12/12/12	1X80032
	o Initial build. Functions to generate OfficeOpen XML Spreadsheet (OOX) file format were created and compiled into a service program to provide file processing.		

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PTF ID	Description	Status Date	Superseded By
1X80013	XL1 Implement OfficeOpen XML	11/01/12	1X80032
	o New transform to generate OfficeOpen XML spreadsheet (OOX) files has been added:		
	*OOXML		
	Office Open XML developed by Microsoft. Excel-erator implements the ISO/IEC 29500:2008 Strict specification, suitable for use with Excel 2010 and suitable for use with Excel 2007 if dates are not present in the spreadsheet. See wikipedia.org/wiki/Office_Open_XML for additional information.		
1X80014	XL1 CPYTOEXCEL Enable *OOXML	12/12/12	
	o Add OOX special value *OOXML		
1X80015	XL1 SNDFEXCEL Enable *OOXML	12/12/12	
	o Add OOX special value *OOXML		
1X80016	XL1 Help Panel Updates	12/12/12	
	o Update help panels.		
1X80017	XL1 Message File Updates	11/01/12	1X80022
	o Add new message descriptions.		
1X80018	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 ...".		
1X80019	IFS Add link/unlink exports	11/01/12	1X80021
	o Functions were added for creating and removing hard links for stream files.		
1X80020	SND File Processing Now Asynchronous	11/01/12	1X80032
	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.		
1X80021	IFS Correct IFS1014/IFS1016 Message Usage	12/12/12	
	o Corrected usage of message id IFS1014 and IFS1016.		
1X80022	IFS Add Message ID IFS1014/IFS1016	12/12/12	

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PTF List

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PTF ID	Description	Status Date	Superseded By
	o Added missing message id IFS1014 and IFS1016.		
1X80023	SND Unlinkable File Processing	11/01/12	1X80032
	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.		
1X80024	SNDXL1 New Export-Implement	11/01/12	1X80032
	o SND New export to allow client to select synchronous vs asynchronous processing.		
	o XL1 Implement new interface.		
1X80025	XL1 Implement Edit Word/User Edit Code	12/12/12	1X80032
	o Previously, the user defined edit codes 5-9 were convert to format strings based on the edit descriptions shipped with the operating system and custom edit descriptions were ignored. Now an edit mask is generated from the actual edit description and the mask in turn is converted to a format string.		
	. Previously, edit words were ignored and the equivalent of EDTCDE(Z) was applied. Now an edit mask is generated from an edit word and the mask inturn is converted to a format string.		
	. For relatively straight forward edit descriptions and edit words, the conversion is faithful. However, it is possible to create edit descriptions and edit words for which there is no faithful conversion. In particular, if yours is a system that uses decimal format 'I' or 'J' (comma used as the decimal format), and if you are using the user defined edit codes 5-9, and if the edit descriptions remain as originally shipped by IBM (period as the decimal point), the commas separating thousand groups are not suppressed by insignificant digits. Previously, we used the IBM definitions		

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PTF ID	Description	Status Date	Superseded By
	corrected to the local decimal format. Except as noted, the conversion should degrade to a passable facsimile. But, you should check the results for reasonableness. If you encounter an anomalous result, contact us and we will look to improve the conversion.		
1X80026	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.		
1X80027	OOX Radix Character Always Period	06/08/15	1X80032
	o Radix character (decimal separator) now always a period. Previously we were picking up the locale's radix character, generating invalid OOXML in some countries. o Time stamp enabled for micro seconds.		
1X80028	OOX Date Fumble Non-US Locales	07/13/15	1X80032
	o OfficeOpen XML allows the old Microsoft date.time storage format in a spreadsheet in place of the stricter and more robust ISO 8601 date format. OpenOffice fumbles ISO dates in all cases while Excel 2010 fumbles for non-US locales. Excel 2013 considers ISO dates an error unless the spreadsheet is explicitly Strict. Our *OOXML transform is recast as transitional and and date.time used through out to avoid the problems.		
1X80029	XL1 OOXML Leading Zeros Removed	10/05/15	1X80032
	o Overly precise rendering of numeric values befuddles Excel in some instances. All leading zeros removed to avoid the problem.		
1X80030	W3S Mangled Processing Instruction	08/11/16	
	o Mangled xml processing instruction "mso-application progid =..." with inappropriate blank caused some applications to choke on open.		
1X80031	XL1 CSV Radix Character Corrected	04/26/17	1X80032
	o CSV conversions were using the decimal format specified in the job's locale, if present, instead of the decimal format specified for the job. If your processing relies on this		

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PTF ID	Description	Status Date	Superseded By
	behavior, CHGUSRPRF SETJOBATR(*DECFMT) for the affected users.		
1X80032	XL1 CSV Field Count Limit Removed	02/23/18	
	o A limit of 256 fields was erroneously enforced on CSV files. The limit has been removed.		

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