

Current PTF Listing

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Product ID . . . . . : 2A55SM1 SpoolMail - Gumbo Software, Inc.  
 Release . . . . . : V3R1M0  
 As of . . . . . : 2017/10/10

PTF ID	Description	Status Date	Superseded By
3M10ALL	Cumulative PTF Package Last Updated 2017/10/10		
3M10001	SUI WRKGSISPLF/WRKGSIOUQ Slow Open <ul style="list-style-type: none"> <li>o WRKGSISPLF and WRKGSIOUQ were slow to open Selection check at the wrong point in the code resulted in poor performance on systems with many spooled files.</li> </ul>	07/20/17	
3M10002	PDF Odd Length Strings Truncated To Even <ul style="list-style-type: none"> <li>o Inadvertent trimming of odd length single byte character strings within CJK double byte *SCS spooled files has been corrected.</li> </ul>	03/06/17	3M10033
3M10003	PDS Page Buffer Functions Added <ul style="list-style-type: none"> <li>o Page buffer concept and supporting functions added. Page buffers allow out of sequence print data to be processed correctly by sequence oriented transforms such as txt, html, etc.</li> </ul>	03/06/17	3M10013
3M10004	FNT Retrive CCSID Function Added <ul style="list-style-type: none"> <li>o New export allows retrieval of a font stack entry's opinion on the current effective ccsid.</li> </ul>	03/06/17	3M10030
3M10005	TXT Procesing Improvements <ul style="list-style-type: none"> <li>o *TXTxxx transforms now support out of sequence data in a print data stream.</li> <li>o *TXTxxx transforms now support mixed CCSID data in a print data stream.</li> <li>o *TXTxxx transforms now support complex over printing of DBCS data as well as other enhancements to overlap resolution.</li> </ul>	03/06/17	3M10014
3M10006	SAM Add *TXTNONBLANK Transform <ul style="list-style-type: none"> <li>o New text transform, *TXTNONBLANK, has been added. The transform compresses out all lines containing only white space. This processing is similar to that of the OS and i Access.</li> </ul>	03/06/17	3M10017
3M10007	PDS Internal Mods To Increase Modularity <ul style="list-style-type: none"> <li>o Internal modifications to increase modularity.</li> </ul>	03/06/17	3M10013
3M10008	TXT Internal Mods To Increase Modularity <ul style="list-style-type: none"> <li>o Internal modifications to increase modularity.</li> </ul>	03/06/17	3M10014
3M10009	PDF Intelligent Mail BARCODE Error <ul style="list-style-type: none"> <li>o Incorrect data in an internal Intelligent Mail table resulted in invalid barcodes being generated something like 1.5% of the time.</li> </ul>	03/06/17	3M10033
3M10010	PDS Page Buffer Handle DBCS ES!=x1301	03/06/17	3M10013

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PTF ID	Description	Status Date	Superseded By
3M10011	<ul style="list-style-type: none"> <li>o Page buffering enhanced to handle DBCS data with encoding schemes other than x1301.</li> </ul> FNT Always Produce Unicode Char Map	03/06/17	3M10030
3M10012	<ul style="list-style-type: none"> <li>o Processing enhanced to produce a unicode character map even in the absence of a code page *FNTRSC object.</li> </ul> PDS Uninitialized Variable	03/06/17	3M10013
3M10013	<ul style="list-style-type: none"> <li>o Uninitialized variable causes *TXTxxx conversion failure when splitting the spooled file with PAGDTA() parameter.</li> </ul> PDS New Export	07/20/17	
3M10014	<ul style="list-style-type: none"> <li>o New export added to improve space/memory management between service program and clients.</li> </ul> TXT *FORMDEF/Text Suppression	07/20/17	
3M10015	<ul style="list-style-type: none"> <li>o *TXTxxx conversions now correctly process *FORMDEF print resources and correctly apply text suppression for *AFPDS spooled files. Previously text suppression was ignored and all text appeared in the generated output.</li> </ul> HTM Various Enhancements	07/20/17	
3M10016	<ul style="list-style-type: none"> <li>o Built in css changed from tr { float: left; } to tr { float: none; } to yield uniform "page" sizes during display.</li> <li>o Support for *AFPDS print data streams added.</li> <li>o *HTMLxxx transforms now support out of sequence data in a print data stream.</li> <li>o *HTMLxxx transforms now support mixed CCSID data in a print data stream.</li> <li>o *HTMLxxx transforms now support complex over printing of DBCS data as well as other enhancements to overlap resolution.</li> </ul> RTF Various Enhancements	07/20/17	
	<ul style="list-style-type: none"> <li>o Support for *AFPDS print data streams added.</li> <li>o *RTFxxx transforms now support out of sequence data in a print data stream.</li> <li>o *RTFxxx transforms now support mixed CCSID data in a print data stream.</li> <li>o *RTFxxx transforms now support complex over printing of DBCS data as well as other enhancements to overlap resolution.</li> </ul>		

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PTF ID	Description	Status Date	Superseded By
	<ul style="list-style-type: none"> <li>*RTFxxx transforms can now target CCSID *UNICODE and *UTF8.</li> </ul>		
3M10017	SAM Enable HTM/RTF for *AFPDS	07/20/17	
	<ul style="list-style-type: none"> <li>Update conversion to enable *AFPDS processing by *HTMxxx and *RTFxxx transforms.</li> </ul>		
3M10018	FNT Enhanced Equal CharSet Test	07/20/17	3M10030
	<ul style="list-style-type: none"> <li>Test for equal char sets enhanced to look at the underlying *FNTRSC and not the references, decreasing the number of false negatives.</li> </ul>		
3M10019	PDF *FGID Imbed Changes	03/06/17	3M10033
	<ul style="list-style-type: none"> <li>Previously PDFFNTIMB(*FGID) looked for font resources in a list derived from the as shipped system font table. If no match was found, nothing was imbedded. Now if no match is found, Type 1 fonts present on every system are used. A font is always imbedded.</li> <li>Previously multiple copies of a font imbedded for an FGID or for PDF/A might be included unnecessarily. Multiples are now avoided.</li> </ul>		
3M10020	QRC Libqrencode 3.9.0 Library Added	07/20/17	
	<ul style="list-style-type: none"> <li>Initial build. Portions of the Libqrencode 3.9.0 library have been compiled into a service program to generate QR Code barcodes. Libqrencode is a C library for encoding data in a QR Code symbol, a kind of 2D symbology that can be scanned by handy terminals such as a mobile phone with CCD. The capacity of QR Code is up to 7000 digits or 4000 characters, and is highly robust. Libqrencode supports QR Code model 2, described in JIS (Japanese Industrial Standards) X0510:2004 or ISO/IEC 18004. Due to the range of implementor choices provided in the QR Code standard (JIS X0510:2004 or ISO/IEC 18004), the symbols generated by Libqrencode and IBM i are not identical square for square even though they provide identical output from a scanner.</li> </ul>		
3M10021	PDF Enable QR Code	07/20/17	3M10033

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PTF ID	Description	Status Date	Superseded By
	o Barcode support has been extended to include QR Code.		
3M10022	FNT Improved Unicode Generation	07/20/17	3M10030
	o Previously when producing unicode mappings when code page *FNTRSCs were missing from the system, CPGID=37 was used as a default. Now the implied CPGID is used and accuracy increased for non CPGID=37 code pages.		
3M10023	PDF Encoding and BARCODE Enhancements	07/20/17	3M10033
	o Font encoding when code page *FNTRSCs are missing from the system is enhanced. Previously a missing code page *FNTRSC was assumed to be CPGID=37 which gave erroneous results on non-US systems.		
	o Barcode processing enhanced:		
	- CODE93 now supported.		
	- DATABAR(GS1) now supported, except expanded Tye3 GS1.		
	- Interleaved 2-of-5 now supports modifiers 0x03 and 0x04 (Bearer Bars).		
	- DDS *SWIDTH(symblo_width) parameter now supported.		
	- Print emulation swicthed from IPDS to HPT resulting in slightly smaller barcodes.		
3M10024	FNT OCRB Codepage Selection	08/01/17	3M10030
	o When OCRB was specified by FGID(3), an OCRA code page was selected incorrectly. Now OCRB CPGID 2086 is substituted for the CPGID 340 generated into the data stream and the error is avoided.		
3M10025	FNT Size Processing Corrected	08/04/17	3M10030
	o When font resources are substituted for FGID fonts, the resource's notion of size now overrules the GRID specification. This restores the old, correct, behavior.		
3M10026	PDF *EXACTMOD Processing Corrected	08/04/17	3M10033
	o Text relative positioning *EXACTMOD was incorrectly treated as *EXACT when fonts were imbedded. The old, correct, behavior is restored.		
3M10027	SCS Invalid VCS Channel Ignored	08/09/17	
	o Invalid channel number in SCS control VCS		

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	(vertical channel select) was treated as a fatal error. Now the control is ignored and processing continues.		
3M10028	FNT CCSID From CP When CS/CP Fails <ul style="list-style-type: none"> <li>When determining a CCSID for a font based on GCSGID/CPGID fails, an attempt is made to identify a CCSID based on CPGID alone. This restores the previous behavior.</li> </ul>	09/07/17	3M10030
3M10029	PDF Enhanced DBCS Processing <ul style="list-style-type: none"> <li>Internal changes allow a print data stream's contents to determine when DBCS processing is required to correctly render a spooled file. Previously processing was driven by the target CCSID specified on the command.</li> <li>Internal table mapping CCSID to Adobe Asian font name expanded to include SBCS CCSIDs used in ES 1301 mixed single and double byte CCSIDs.</li> </ul>	09/07/17	3M10033
3M10030	FNT Extraneous Error Messages Removed <ul style="list-style-type: none"> <li>Unicode map generation during code page *FNTRSC resolution now suppressed when processing a single byte code page that represents an individual plane of a DBCS cpgid. This removes extraneous conversion failure messages.</li> </ul>	09/08/17	
3M10031	MSG New Export <ul style="list-style-type: none"> <li>New export allows on the fly tuning of an existing message environment's diagnostic message delivery.</li> </ul>	09/15/17	
3M10032	SPL Quiet Resource List Resolution <ul style="list-style-type: none"> <li>Resource list resolution has been modified to avoid diagnostic messages generated during resource searches. They were a byproduct of searching and misleading.</li> </ul>	09/15/17	
3M10033	PDF Limit Missing Resource Messages <ul style="list-style-type: none"> <li>Missing resource messages generated during processing limited to 12.</li> </ul>	09/15/17	
3M10034	PID Message File Updates <ul style="list-style-type: none"> <li>Add new application messages to message file for future enhancement.</li> </ul>	10/09/17	
3M10035	PID Upgrade RTVGSIPTF Command	10/10/17	

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o Previously, the Retrieve Gumbo PTF (RTVGSIPTF) command downloaded PTFs using the FTP protocol. Now RTVGSIPTF uses HTTP. Additionally, RTVGSIPTF can access the PTF server through a proxy server, if required by your network, using the new PROXY() parameter.

We anticipate that some installations' networks will have problems accessing the PTF server over HTTP. On a temporary basis, RTVGSIPTF has introduced a PROTOCOL() parameter that allows you to switch back to the old FTP behavior while correcting problems with HTTP service. This parameter will ultimately be removed along with support for FTP as a transport mechanism.

COMPATIBILITY WARNING

HTTP is now the default protocol for PTF retrieval. If your network restricts HTTP access or if a proxy is required for HTTP access the RTVGSIPTF command will fail. If a proxy is required you must fill in the PROXY() parameter. Otherwise you will have to specify PROTOCOL(\*FTP) while you resolve problems with HTTP access on your network.

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