

Current PTF Listing

Page 1

Product ID : 2A55SM1 SpoolMail - Gumbo Software, Inc.
Release : V2R3M0
As of : 2011/09/15

PTF ID	Description	Status Date	Superseded By
2M30ALL	Cumulative PTF Package Last Updated 2011/09/15		
2M30001	PDF Tolerate ImagePlus Mangled Image <ul style="list-style-type: none">o Tolerate and correct mangled G4 MMR image created by ImagePlus.	07/09/08	2M30052
2M30002	PDF Add Support For PDF417 Barcode <ul style="list-style-type: none">o PDF417 is a 2-dimensional barcode used in a variety of applications, including transport, identification cards, and inventory management. Support for PDF417 has been added to the Portable Document Format Transforms.	07/09/08	2M30052
2M30003	PDF Correct PDF/A Error Spotted By 8.0 <ul style="list-style-type: none">o Adobe's Acrobat 8.0 spotted a missing parameter in the color profile included with PDF/A documents. The parameter is now included.	07/09/08	2M30052
2M30004	SPL Improved CRTSPLSAVF Processing <ul style="list-style-type: none">o Previously the CRTSPLSAVF command could fail if the printer file, which is included in the saved material, contained functionality that would not save to earlier releases. I.e. a new barcode format. Now when this case arises the printer file is omitted and the save completed.	10/14/08	
2M30005	FNT Update Cpgid - Codepage Information <ul style="list-style-type: none">o Updated font base data table with additional cpgid - codepage information including recent Polish additions.	07/09/08	2M30027
2M30006	SPC Added Locking For Space Creation <ul style="list-style-type: none">o Added locking protocol to insure that pointer retrieved during space creation points at newly created space.o Space locking now uses job default wait time.	10/07/08	2M30039
2M30007	FNT Resource Creation Logic Corrected <ul style="list-style-type: none">o Faulty logic allowed code pages in the process of being parsed to be used as complete during highload stress test.	07/09/08	2M30029
2M30008	FNT Spool File CHRID Now Processed <ul style="list-style-type: none">o Previously, when processing a spooled file's attributes for font specifications, the file's Character identifier (CHRID) setting was ignored and values were derived from the	07/09/08	2M30029

Current PTF Listing

Page 2

Product ID : 2A55SM1 SpoolMail - Gumbo Software, Inc.
 Release : V2R3M0
 As of : 2011/09/15

PTF ID	Description	Status Date	Superseded By
	default ccsid in all cases. CHRID is now processed correctly.		
2M30009	PDF Additional PDF/A Corrections <ul style="list-style-type: none"> o Adobe's Acrobat 8.0 Preflight PDF/A validator does not tolerate a space character at the end of the file header. It has been removed. o Imbedded Type 1 font programs were incorrectly declared as Compact Font Format (CFF). Now they are correctly declared as Adobe Type 1 Font Format. o PDF insertion of single space character for SCS Horizontal Tab mishandled, resulting in it being ignored. o PDF location of SCS Underscore mishandled when certain *FGID font imbedding is performed. 	07/09/08	2M30052
2M30010	SAM Tiff Page Range Error <ul style="list-style-type: none"> o Error processing *TIFF page range corrected. 	10/14/08	
2M30011	FNT Minor Font Table Update <ul style="list-style-type: none"> o Updated font base data table. 	07/09/08	2M30027
2M30012	PDF PDF0039 Unknown Image Data Element Size <ul style="list-style-type: none"> o PDF0039 "Unknown image data element size." erroneously generated when processing 4 bit CMYK images with "PDF image process blending" (PDFIMG PBL) parameter set to *NOPREBLEND4. 	07/09/08	2M30052
2M30013	SSL Add OpenSsl Crypto Support <ul style="list-style-type: none"> o Initial build. Portions of OpenSsl.org's OpenSsl library have been compiled into a service program to generate asn.1 encoded Pkcs7 signatures rendered base 64. 	10/14/08	
2M30014	SM1 FPM Now Preserves Default APPID <ul style="list-style-type: none"> o Field Product Manager program now preserves digital signing certificate application IDs specified by customer as the default when installing new product release. 	10/14/08	
2M30015	SM1 Update CHGSM1DFT For Signature APPID <ul style="list-style-type: none"> o New parameter "Signing key (SGNKEY)" has been added to the CHGSM1DFT command. It specifies the digital certificate used to sign the email when the SNDSPLMAIL commands's SGNKEY parameter (to be added by a future PTF) has 	07/09/08	2M30031

Current PTF Listing

Page 3

Product ID : 2A55SM1 SpoolMail - Gumbo Software, Inc.
 Release : V2R3M0
 As of : 2011/09/15

PTF ID	Description	Status Date	Superseded By
	<ul style="list-style-type: none"> the value *DEFAULT. o New parameter "PDF document signing key (PDFSGNKEY)" has been added to the CHGSM1DFT command. It specifies the digital certificate used to sign Portable Document Format (PDF) when the SNDSPLMAIL commands's PDFSGNKEY parameter (to be added by a future PTF) has the value *DEFAULT. 		
2M30016	IFS Expanded oflag Process In IfsOpen() <ul style="list-style-type: none"> o oflag process was expanded in IfsOpen() to provide more fine grain control required by some digital signing methods. 	10/14/08	2M30062
2M30017	PDF Add Digital Signature Processing <ul style="list-style-type: none"> o Internal functions to digitally sign generated PDF documents added PDF generator. 	07/09/08	2M30052
2M30018	SAM Expose PDF Signature Capability <ul style="list-style-type: none"> o Expose new PDF signature functions to conversion processor requesters. 	10/14/08	
2M30019	SM1 Add Signature Parameters To Command <ul style="list-style-type: none"> o New parameter "Signing key (SGNKEY)" has been added to the SNDSPLMAIL command. It specifies the digital certificate used to sign the email. See help text for further information. o New parameter "PDF document signing key (PDFSGNKEY)" has been added to the SNDSPLMAIL command. It specifies the digital certificate used to sign Portable Document Format (PDF). See help text for further information. 	07/09/08	2M30065
2M30020	SM1 Digital Signature Help Updates <ul style="list-style-type: none"> o Update help panel for digital signature related parameters. 	10/14/08	
2M30021	SCS Correct SHM Initial Position <ul style="list-style-type: none"> o Corrected initial position calculated during set horizontal margin (SHM) SCS control code processing. 	10/14/08	
2M30022	PDF Correct SCS Bolding <ul style="list-style-type: none"> o Corrected bolding of adjacent data when processing SCS spooled files. 	07/09/08	2M30052
2M30023	SAM CHGSM1DFT Prompting Correction <ul style="list-style-type: none"> o An error in the CHGSM1DFT prompt override 	07/09/08	2M30031

Current PTF Listing

Page 4

Product ID : 2A55SM1 SpoolMail - Gumbo Software, Inc.
 Release : V2R3M0
 As of : 2011/09/15

PTF ID	Description	Status Date	Superseded By
	program was scrubbing the *FGID special value from the PDFFONTIMB() parameter.		
2M30024	PDF Malformed Spooled File Handling <ul style="list-style-type: none"> Malformed (truncated in middle of page) AFPDS spooled file caused malformed PDF document when compression used. No error message was issued. Diagnostic message now issued and valid PDF generated. 	07/09/08	2M30052
2M30025	FNT Enlarge Type 1 Parser Allocation <ul style="list-style-type: none"> Increase Typel font parser memory allocation to avoid out of memory error for some large font character sets. 	07/09/08	2M30029
2M30026	PDF Better Type 1 Error Handling <ul style="list-style-type: none"> Typel font parsing errors weren't being caught and handled, resulting in "pointer not set" error when embedding font. 	07/09/08	2M30052
2M30027	FNT FONTNAME() Table Added <ul style="list-style-type: none"> Added font table to locate fonts referenced through DDS's FONTNAME() keyword to base definition table. Corrected CPGID (codepage global identifier) returned for several well know codepages (T1DxBASE) in base definition table resulting in improved "tounicode" maps generated by pdf conversions that use the codepages and embed the fonts. Previously resolved code pages are deleted during the installation of this PTF. These are the *USRSPCs with generic name FTT1D* in the product library to force a new resolve. 	10/14/08	
2M30028	FT2 FreeType Service Program Added <ul style="list-style-type: none"> New service program containing FreeType.org's TrueType font processing code is added. 	10/14/08	
2M30029	FNT New Exports For TrueType Access <ul style="list-style-type: none"> Added exports for accessing and processing TrueType fonts made available by the DDS FONTNAME() keyword. 	10/14/08	
2M30030	PDF Process TrueType Font References <ul style="list-style-type: none"> Enable embedding of TrueType fonts and processing of the unicode data that results 	07/09/08	2M30052

Current PTF Listing

Page 5

Product ID : 2A55SM1 SpoolMail - Gumbo Software, Inc.
 Release : V2R3M0
 As of : 2011/09/15

PTF ID	Description	Status Date	Superseded By
	when the DDS FONTNAME() keyword is specified without a named code page.		
2M30031	SM1 Update CHGSM1DFT For *TRUETYPE <ul style="list-style-type: none"> o New special value, *TRUETYPE, has been added to the CHGSM1DFT command's "PDF font imbedding" (PDFFONTIMB) parameter. 	10/14/08	
2M30032	SM1 Add *TRUETYPE Parameter Value <ul style="list-style-type: none"> o New special value, *TRUETYPE, has been added to the SNDSPLMAIL command's "PDF font imbedding" (PDFFONTIMB) parameter. 	07/09/08	2M30065
2M30033	PDF Underline Error Message Removed <ul style="list-style-type: none"> o Removed erroneous error messages generated for spooled files with underline during most PDF conversions. 	07/09/08	2M30052
2M30034	PDF Random Conversion Failures <ul style="list-style-type: none"> o Missing function return caused random conversion failures on some systems. 	08/29/08	2M30052
2M30035	SND Attachment Name, MSF 5026 Problem <ul style="list-style-type: none"> o Attachment names containg blanks or of unusual length resulted in an incorrectly formed mime message. Mime is now correctly formed. o i5/OS' mail server framework can't find files when the path is encoded in a ccscid that does not contain the EBCDIC invariant characters. The tmpnam() api returns a name containing lowercase letters, which, when run in a ccscid 5026 job aren't in the invariant code points. QtmmSendMail() api requires path names to be in the job's ccscid. Send component was modified to use only uppercase (always invariant) path names when the job's ccscid causes tmpnam() to produce variant characters. Japanese 5026 now can be processed by the MSF. o Added function to retrieve a product's installed home directory coded in the requesting job's default ccscid. o Added function to produce a system wide unique temporary file name. The file is in the product installed home directory's /tmp folder unless /tmp contains variant EBCDIC, as is the case 	07/25/08	2M30065

Current PTF Listing

Page 6

Product ID : 2A55SM1 SpoolMail - Gumbo Software, Inc.
 Release : V2R3M0
 As of : 2011/09/15

PTF ID	Description	Status Date	Superseded By
	for Japanese ccsid 5026 jobs. In this case the file is placed in the system /tmp directory using a /TMP name.		
	o Temporary internal file names now avoid non standard lowercase letter encoding found in ccsid 5026.		
2M30036	SDD API Returns Anomalous Data	10/14/08	2M30065
	o Search System Directory (QOKSCHD) API performs erroneous conversion on converted data resulting in incorrect directory data for ccsids that do not contain the EBCDIC invariant characters i.e. 5026 Japan.		
2M30037	PDF ToUnicode CMap Missing	10/14/08	2M30052
	o ToUnicode CMap stream object erroneously omitted for *TYPE3 and *TRUETYPE embedded fonts under some circumstances resulting in PDF/A that doesn't meet standard and resulting in text operations such as cut and paste giving unusable results.		
	o ToUnicode CMap stream object now included for *TYPE1 embedded fonts to insure that even ill behaved fonts can be accurately handled by Adobe Acrobat.		
2M30038	GRO Multi-Segment Position Error	10/14/08	
	o Chained command sequences that contain an interior begin segment command resulted in extraneous lines. Interior begin segment commands are now treated as NOOPs.		
2M30039	SPC QUSCRTUS Behavior Changed At V6R1	10/14/08	
	o QUSCRTUS() api parameter 11's default behavior changed at i5/OS V6R1M0 rendering some uses of large user spaces an error. Call to api changed to specify original behavior.		
2M30040	MSU Lint In Call To API	10/14/08	
	o QtocRtvTCPA() api parameter prototyped as signed instead of unsigned causing potential api in mail set up functions to fail.		
2M30041	MSU Lint In Call To API	10/14/08	
	o QtocRtvTCPA() api parameter prototyped as		

Current PTF Listing

Page 7

Product ID : 2A55SM1 SpoolMail - Gumbo Software, Inc.
 Release : V2R3M0
 As of : 2011/09/15

PTF ID	Description	Status Date	Superseded By
	signed instead of unsigned causing potential api in mail set up functions to fail.		
2M30042	MSU VFYLOCAL Job Name Change At V6R1 <ul style="list-style-type: none"> o Name of job started when TCPIP is started changed from QTCPIP to QTCPWRK at V6R1. VFYLOCAL command now checks correct name. 	10/14/08	2M30057
2M30043	MSU VFYROUTER Job Name Change At V6R1 <ul style="list-style-type: none"> o Name of job started when TCPIP is started changed from QTCPIP to QTCPWRK at V6R1. VFYROUTER command now checks correct name. 	10/14/08	
2M30044	TXT Blank Pages Cause Buffer Overflow <ul style="list-style-type: none"> o Procedure TxtLoadEndPage() generates MCH3601 or MCH0601 when a sequence of blank pages is converted. The number of sequential blank pages to cause the failure varies with the spooled file lines per page and can be as few as 11 pages with page length 66 lines. 	05/15/09	
2M30045	HTM Blank Pages Cause Buffer Overflow <ul style="list-style-type: none"> o Procedure HtmLoadEndPage() generates MCH3601 or MCH0601 when a sequence of blank pages is converted. The number of sequential blank pages to cause the failure varies with the spooled file lines per page and can be as few as 8 pages with page length 66 lines. 	05/15/09	
2M30046	FFT Blank Pages Cause Buffer Overflow <ul style="list-style-type: none"> o Procedure FftLoadEndPage() generates MCH3601 or MCH0601 when a sequence of blank pages is converted. The number of sequential blank pages to cause the failure varies with the spooled file lines per page and can be as few as 8 pages with page length 66 lines. 	05/15/09	
2M30047	RTF Blank Pages Cause Buffer Overflow <ul style="list-style-type: none"> o Procedure RtfLoadEndPage() generates MCH3601 or MCH0601 when a sequence of blank pages is converted. The number of sequential blank pages to cause the failure varies with the spooled file lines per page and can be as few as 3 pages with page length 66 lines. 	05/15/09	
2M30048	PID Update Field Product Manager Verify <ul style="list-style-type: none"> o Installation verification menu option now 	05/15/09	

Current PTF Listing

Page 8

Product ID : 2A55SM1 SpoolMail - Gumbo Software, Inc.
 Release : V2R3M0
 As of : 2011/09/15

PTF ID	Description	Status Date	Superseded By
	specifies CHKSIG(*NONE). Since we digitally sign our objects but most customers do not install our digital certificates, the option gave unnecessarily alarming results. If you have installed our certificates, you can run a complete check using CHKPRDOPT ...CHKSIG(*ALL)		
2M30049	SND Accommodate Missing RFC2231 Support <ul style="list-style-type: none"> o To correct the encoding of MIME parameter values for attachment names of unusual length or containing blanks, RFC 2231 was implemented. Not all mail clients have implemented RFC 2231 (outlook 2000, 2002, 2003) resulting in odd attachment names. RFC 2231 encoding is now avoided unless it is required to meet other MIME constraints. 	05/20/09	2M30065
2M30050	SUI WRKGSIOUQTQ Option 2 Prompting <ul style="list-style-type: none"> o WRKGSIOUQTQ panels have been enhanced to more closely simulate their i5/OS analogs when prompting option 2, Change Spooled File Attributes. The output queue parameter is now accessible without pressing F10. 	06/02/09	
2M30051	SUI WRKGSISPLF Option 2 Prompting <ul style="list-style-type: none"> o WRKGSISPLF panels have been enhanced to more closely simulate their i5/OS analogs when prompting option 2, Change Spooled File Attributes. The output queue parameter is now accessible without pressing F10. 	06/02/09	
2M30052	PDF GOCA Line Widths Incorrect <ul style="list-style-type: none"> o Graphic Object Content Architecture fractional line widths, in all cases, and line widths at resolutions other than 1440ths were rendered incorrectly. Generally the lines produced were thinner than specified. 	06/18/09	
2M30053	MSU DSPMAILLOG *CURRENT Error <ul style="list-style-type: none"> o DSPMAILLOG no longer assumes the system date format is the same as the job date format when converting *CURRENT special value. 	04/11/10	2M30059
2M30054	MSU DSPMAILLOG *CURRENT Error	04/12/10	2M30059

Current PTF Listing

Page 9

Product ID : 2A55SM1 SpoolMail - Gumbo Software, Inc.
 Release : V2R3M0
 As of : 2011/09/15

PTF ID	Description	Status Date	Superseded By
2M30055	<ul style="list-style-type: none"> o Reissue PTF. IFS Path Normalization Problem o An internal table was missing '\\' code points for ccscids 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 ccscids. 	04/15/10	2M30062
2M30056	<ul style="list-style-type: none"> PDD STRSEU Proxy Confuses xxxDEVGLP Cmd o CRTDEVGLP and CRTDEVGLP check for existence of command STRSEU to determine if PDM is installed and EDTF should be used instead. IBM added a STRSEU proxy command to QSYS so the check was always positive, even if PDM is not installed, causing the commands to fail on machines without PDM. The check is now qualified to library QPDA. 	05/03/10	
2M30057	<ul style="list-style-type: none"> MSU VFYLOCAL Turns Off *LOOPBACK at V6R1M0 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. 	01/31/11	
2M30058	<ul style="list-style-type: none"> SND Change MIME Part Ordering o Previously, MIME parts were added to an email under construction without regard to order. I.e. parts were added as they were processed. While this behavior is compliant with the relavent MIME specifications, it befuddles some of the most popular email clients. Outlook treats text MIME parts preceded by an attachment as an attachment, giving it a name and failing to display it. In the same scenario, Thunderbird displays the text part as intended but also assigns a name and shows it in the list of attachments muddying the overall appearance of the message. 	06/08/11	2M30065

Current PTF Listing

Page 10

Product ID : 2A55SM1 SpoolMail - Gumbo Software, Inc.
 Release : V2R3M0
 As of : 2011/09/15

PTF ID	Description	Status Date	Superseded By
	Now, generation of MIME parts is postponed until the full content of the email is known. Once known, the text MIME parts are processed first, placing them at the top of the email in the order received, followed by any and all attachments again in the order received.		
2M30059	MSU DSPMAILLOG Misleading Failure <ul style="list-style-type: none"> 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 ...". 	06/17/11	
2M30060	IFS Add link/unlink exports <ul style="list-style-type: none"> o Functions were added for creating and removing hard links for stream files. 	06/17/11	2M30062
2M30061	SND File Processing Now Asynchronous <ul style="list-style-type: none"> 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. 	06/17/11	2M30065
2M30062	IFS Correct IFS1014/IFS1016 Message Usage <ul style="list-style-type: none"> o Corrected usage of message id IFS1014 and IFS1016. 	08/20/11	
2M30063	IFS Add Message ID IFS1014/IFS1016 <ul style="list-style-type: none"> o Added missing message id IFS1014 and IFS1016. 	08/20/11	
2M30064	SND Unlinkable File Processing <ul style="list-style-type: none"> 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. 	08/20/11	2M30065
2M30065	SND New Export <ul style="list-style-type: none"> o New export to allow client to select synchronous vs asynchronous processing. 	08/25/11	
2M30066	MSU Missing Programs Issued <ul style="list-style-type: none"> o Two programs inadvertently left out of the 	08/25/11	

Current PTF Listing

Page 11

Product ID : 2A55SM1 SpoolMail - Gumbo Software, Inc.
Release : V2R3M0
As of : 2011/09/15

PTF ID	Description	Status Date	Superseded By
	mail set up component are added.		
	* * * * *		
	E n d O f L i s t		
	* * * * *		