

Current PTF Listing

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Product ID . . . . . : 2A55SAM Spool-a-Matic - Gumbo Software, Inc.  
Release . . . . . : V2R1M0  
As of . . . . . : 2010/06/08

PTF ID	Description	Status Date	Superseded By
2A10ALL	Cumulative PTF Package Last Updated 2010/06/08		
2A10001	PDF Tolerate ImagePlus Mangled Image o Tolerate and correct mangled G4 MMR image created by ImagePlus.	05/04/07	2A10045
2A10002	PDF Add Support For PDF417 Barcode 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.	05/10/07	2A10045
2A10003	PDF Correct PDF/A Error Spotted By 8.0 o Adobe's Acrobat 8.0 spotted a missing parameter in the color profile included with PDF/A documents. The parameter is now included.	06/12/07	2A10045
2A10004	SPL Improved CRTSPLSAVF Processing 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.	08/09/07	
2A10005	FNT Update Cpgid - Codepage Information o Updated font base data table with additional cpgid - codepage information including recent Polish additions.	06/21/07	2A10027
2A10006	SPC Added Locking For Space Creation 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.	08/09/07	2A10037
2A10007	FNT Resource Creation Logic Corrected o Faulty logic allowed code pages in the process of being parsed to be used as complete during highload stress test.	06/01/07	2A10029
2A10008	FNT Spool File CHRID Now Processed 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	08/09/07	2A10029

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	default ccsid in all cases. CHRID is now processed correctly.		
2A10009	PDF Additional PDF/A Corrections <ul style="list-style-type: none"> <li>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.</li> <li>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.</li> <li>o PDF insertion of single space character for SCS Horizontal Tab mishandled, resulting in it being ignored.</li> <li>o PDF location of SCS Underscore mishandled when certain *FGID font imbedding is performed.</li> </ul>	07/17/07	2A10045
2A10010	SAM Tiff Page Range Error <ul style="list-style-type: none"> <li>o Error processing *TIFF page range corrected.</li> </ul>	08/09/07	
2A10011	FNT Minor Font Table Update <ul style="list-style-type: none"> <li>o Updated font base data table.</li> </ul>	08/09/07	2A10027
2A10012	PDF PDF0039 Unknown Image Data Element Size <ul style="list-style-type: none"> <li>o PDF0039 "Unknown image data element size." erroneously generated when processing 4 bit CMYK images with "PDF image process blending" (PDFIMGPBL) parameter set to *NOPREBLEND4.</li> </ul>	07/24/07	2A10045
2A10013	SSL Add OpenSSL Crypto Support <ul style="list-style-type: none"> <li>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.</li> </ul>	08/09/07	
2A10014	SAM FPM Now Preserves Default APPID <ul style="list-style-type: none"> <li>o Field Product Manager program now preserves digital signing certificate application IDs specified by customer as the default when installing new product release.</li> </ul>	08/09/07	
2A10015	SAM Update CHGSAMDFT For Signature APPID <ul style="list-style-type: none"> <li>o New parameter "PDF document signing key (PDFSGNKEY)" has been added to the CHGSAMDFT command. It specifies the digital certificate used to sign Portable Document Format (PDF) when the SPLCONVERT commands's PDFSGNKEY</li> </ul>	08/08/07	2A10031

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	parameter (to be added by a future PTF) has the value *DEFAULT.		
2A10016	IFS Expanded oflag Process In IfsOpen() o oflag process was expanded in IfsOpen() to provide more fine grain control required by some digital signing methods.	08/09/07	2A10046
2A10017	PDF Add Digital Signature Processing o Internal functions to digitally sign generated PDF documents added PDF generator.	08/07/07	2A10045
2A10018	SAM Expose PDF Signature Capability o Expose new PDF signature functions to conversion processor requesters.	08/09/07	
2A10019	SAM Add Signature Parameters To Command o New parameter "PDF document signing key (PDFSGNKEY)" has been added to the SPLCONVERT command. It specifies the digital certificate used to sign Portable Document Format (PDF). See help text for further information.	08/09/07	2A10032
2A10020	SAM Digital Signature Help Updates o Update help panel for digital signature related parameters.	08/09/07	
2A10021	SCS Correct SHM Initial Position o Corrected initial position calculated during set horizontal margin (SHM) SCS control code processing.	08/09/07	
2A10022	PDF Correct SCS Bolding o Corrected bolding of adjacent data when processing SCS spooled files.	08/09/07	2A10045
2A10023	SAM CHGSAMDFT Prompting Correction o An error in the CHGSAMDFT prompt override program was scrubbing the *FGID special value from the PDFFNTIMB() parameter.	08/09/07	2A10031
2A10024	PDF Malformed Spooled File Handling o 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.	08/14/07	2A10045
2A10025	FNT Enlarge Type 1 Parser Allocation o Increase Typel font parser memory allocation	10/31/07	2A10029

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	to avoid out of memory error for some large font character sets.		
2A10026	PDF Better Type 1 Error Handling o Typel font parsing errors weren't being caught and handled, resulting in "pointer not set" error when embedding font.	10/31/07	2A10045
2A10027	FNT FONTNAME() Table Added o Added font table to locate fonts referenced through DDS's FONTNAME() keyword to base definition table. o 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. o 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.	02/14/08	
2A10028	FT2 FreeType Service Program Added o New service program containing FreeType.org's TrueType font processing code is added.	02/14/08	
2A10029	FNT New Exports For TrueType Access o Added exports for accessing and processing TrueType fonts made available by the DDS FONTNAME() keyword.	02/14/08	
2A10030	PDF Process TrueType Font References o Enable embedding of TrueType fonts and processing of the unicode data that results when the DDS FONTNAME() keyword is specified without a named code page.	02/14/08	2A10045
2A10031	SAM Update CHGSAMDFT For *TRUETYPE o New special value, *TRUETYPE, has been added to the CHGSAMDFT command's "PDF font imbedding" (PDFFNTIMB) parameter.	02/14/08	
2A10032	SAM Add *TRUETYPE Parameter Value o New special value, *TRUETYPE, has been added to the SPLCONVERT command's "PDF font imbedding" (PDFFNTIMB) parameter.	02/14/08	

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2A10033	PDF Underline Error Message Removed o Removed erroneous error messages generated for spooled files with underline during most PDF conversions.	04/22/08	2A10045
2A10034	PDF Random Conversion Failures o Missing function return caused random conversion failures on some systems.	04/23/08	2A10045
2A10035	PDF ToUnicode CMap Missing 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.	10/14/08	2A10045
2A10036	GRO Multi-Segment Position Error o Chained command sequences that contain an interior begin segment command resulted in extraneous lines. Interior begin segment commands are now treated as NOOPs.	10/14/08	
2A10037	SPC QUSCRTUS Behavior Changed At V6R1 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.	10/14/08	
2A10038	TXT Blank Pages Cause Buffer Overflow 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	
2A10039	HTM Blank Pages Cause Buffer Overflow o Procedure HtmLoadEndPage() generates MCH3601 or MCH0601 when a sequence of blank pages is converted. The number of sequential blank	05/15/09	

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PTF ID	Description	Status Date	Superseded By
	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.		
2A10040	FFT Blank Pages Cause Buffer Overflow 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	
2A10041	RTF Blank Pages Cause Buffer Overflow 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	
2A10042	PID Update Field Product Manager Verify o Installation verification menu option now 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)	05/15/09	
2A10043	SUI WRKGSIOUQTQ Option 2 Prompting 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	
2A10044	SUI WRKGSISPLF Option 2 Prompting 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	
2A10045	PDF GOCA Line Widths Incorrect	06/18/09	

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	<ul style="list-style-type: none"><li>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.</li></ul>		
2A10046	IFS Path Normalization Problem <ul style="list-style-type: none"><li>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.</li></ul>	04/15/10	
2A10047	PDD STRSEU Proxy Confuses xxxDEVGLP Cmd <ul style="list-style-type: none"><li>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.</li></ul>	05/03/10	
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