

Current PTF Listing

Page 1

Product ID : 2A55SAM Spool-a-Matic - Gumbo Software, Inc.
Release : V2R1M0
As of : 2010/09/04

| PTF ID | Description | Status Date | Superseded By |
|---------|---|----------------|------------------|
| 2A10ALL | Cumulative PTF Package Last Updated 2010/09/04 | | |
| 2A10001 | PDF Tolerate ImagePlus Mangled Image <ul style="list-style-type: none">o Tolerate and correct mangled G4 MMR image created by ImagePlus. | 05/04/07 | 2A10045 |
| 2A10002 | 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. | 05/10/07 | 2A10045 |
| 2A10003 | 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. | 06/12/07 | 2A10045 |
| 2A10004 | 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. | 08/09/07 | |
| 2A10005 | 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. | 06/21/07 | 2A10027 |
| 2A10006 | 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. | 08/09/07 | 2A10037 |
| 2A10007 | 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. | 06/01/07 | 2A10029 |
| 2A10008 | 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 | 08/09/07 | 2A10029 |

Current PTF Listing

Page 2

Product ID : 2A55SAM Spool-a-Matic - Gumbo Software, Inc.
Release : V2R1M0
As of : 2010/09/04

| PTF ID | Description | Status Date | Superseded By |
|---------|--|-------------|---------------|
| | default ccsid in all cases. CHRID is now processed correctly. | | |
| 2A10009 | 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. | 07/17/07 | 2A10045 |
| 2A10010 | SAM Tiff Page Range Error <ul style="list-style-type: none"> o Error processing *TIFF page range corrected. | 08/09/07 | |
| 2A10011 | FNT Minor Font Table Update <ul style="list-style-type: none"> o Updated font base data table. | 08/09/07 | 2A10027 |
| 2A10012 | 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" (PDFIMGPBL) parameter set to *NOPREBLEND4. | 07/24/07 | 2A10045 |
| 2A10013 | 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. | 08/09/07 | |
| 2A10014 | SAM 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. | 08/09/07 | |
| 2A10015 | SAM Update CHGSAMDFT For Signature APPID <ul style="list-style-type: none"> 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 | 08/08/07 | 2A10031 |

Current PTF Listing

Page 3

Product ID : 2A55SAM Spool-a-Matic - Gumbo Software, Inc.
Release : V2R1M0
As of : 2010/09/04

| PTF ID | Description | Status Date | Superseded By |
|---------|--|----------------|------------------|
| | 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 |

Current PTF Listing

Page 4

Product ID : 2A55SAM Spool-a-Matic - Gumbo Software, Inc.
Release : V2R1M0
As of : 2010/09/04

| PTF ID | Description | Status Date | Superseded By |
|---------|---|-------------|---------------|
| | to avoid out of memory error for some large font character sets. | | |
| 2A10026 | PDF Better Type 1 Error Handling o Type1 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 | |

Current PTF Listing

Page 5

Product ID : 2A55SAM Spool-a-Matic - Gumbo Software, Inc.
Release : V2R1M0
As of : 2010/09/04

| PTF ID | Description | Status Date | Superseded By |
|---------|--|----------------|------------------|
| 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 | |

Current PTF Listing

Page 6

Product ID : 2A55SAM Spool-a-Matic - Gumbo Software, Inc.
Release : V2R1M0
As of : 2010/09/04

| 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 | |

Current PTF Listing

Page 7

Product ID : 2A55SAM Spool-a-Matic - Gumbo Software, Inc.
Release : V2R1M0
As of : 2010/09/04

| PTF ID | Description | Status Date | Superseded By |
|---------|--|----------------|------------------|
| | 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. | | |
| 2A10046 | IFS Path Normalization Problem | 04/15/10 | |
| | 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. | | |
| 2A10047 | PDD STRSEU Proxy Confuses xxxDEVGLP Cmd | 05/03/10 | |
| | 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. | | |

* * * * * E n d O f L i s t * * * * *