

Current PTF Listing

Page 1

Product ID : 2A55SAM Spool-a-Matic - Gumbo Software, Inc.
 Release : V2R2M0
 As of : 2015/12/29

PTF ID	Description	Status Date	Superseded By
2A20ALL	Cumulative PTF Package Last Updated 2015/12/29		
2A20001	PDF Underline Error Message Removed <ul style="list-style-type: none"> Removed erroneous error messages generated for spooled files with underline during most PDF conversions. 	11/01/12	2A20053
2A20002	PDF Missing Interface Summary Error Msg <ul style="list-style-type: none"> Missing summary error message in PDF/AFPDS stream writer creates opaque error. 	11/01/12	2A20053
2A20003	SPL Missing Diagnostic Feedback Messages <ul style="list-style-type: none"> Missing resource list processing diagnostic messages create opaque errors. 	11/01/12	2A20051
2A20004	PDF Random Conversion Failures <ul style="list-style-type: none"> Missing function return caused random conversion failures on some systems. 	11/01/12	2A20053
2A20005	PDF Improved Obscure Font Substitution <ul style="list-style-type: none"> Mapping of obscure font FGIDs to PDF builtin fonts now always produces a result and hence bold is always honored. 	11/01/12	2A20053
2A20006	PDF ToUnicode CMap Missing <ul style="list-style-type: none"> 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. ToUnicode CMap stream object now included for *TYPE1 embedded fonts to insure that even ill behaved fonts can be accurately handled by Adobe Acrobat. 	11/01/12	2A20053
2A20007	GRO Multi-Segment Position Error <ul style="list-style-type: none"> Chained command sequences that contain an interior begin segment command resulted in extraneous lines. Interior begin segment commands are now treated as NOOPs. 	11/01/12	2A20043
2A20008	SPC QUSCRTUS Behavior Changed At V6R1 <ul style="list-style-type: none"> 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. 	12/12/12	

Current PTF Listing

Page 2

Product ID : 2A55SAM Spool-a-Matic - Gumbo Software, Inc.
 Release : V2R2M0
 As of : 2015/12/29

PTF ID	Description	Status Date	Superseded By
2A20009	NLS New Function o Added new simple string conversion function export.	12/12/12	
2A20010	TIF New Service Program o Initial build. Portions of the LIBTIFF library have been compiled into a service program to manipulate TIFF files.	12/12/12	
2A20011	PDF Implement AFPRSC(... *TIFF) Processing o Processing has been added for object-type *TIFF files specified on the DDS AFPRSC() keyword. *TIFF files stored in the integrated file system and included in a spooled file now appear in the generated PDF.	11/01/12	2A20053
2A20012	PDF Implement USPS IMB Barcode Processing o Processing has been added for United States Postal Service (USPS) Intelligent Mail Barcode (IMB) aka. 4-state customer barcode.	11/01/12	2A20053
2A20013	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.	12/12/12	
2A20014	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 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.	12/12/12	
2A20015	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.	12/12/12	
2A20016	RTF Blank Pages Cause Buffer Overflow o Procedure RtfLoadEndPage() generates MCH3601	12/12/12	

Current PTF Listing

Page 3

Product ID : 2A55SAM Spool-a-Matic - Gumbo Software, Inc.
 Release : V2R2M0
 As of : 2015/12/29

PTF ID	Description	Status Date	Superseded By
	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.		
2A20017	PDF USPS IMB Barcode Additional Functions <ul style="list-style-type: none"> Intelligent Mail Barcode (IMB) processing extended to support SMALL variant (2.667 inches). Support also added for optional HRI (Human Readable Information) above or below. 	11/01/12	2A20053
2A20018	PDF USPS IMB Barcode Tweaks/Image Error Fix <ul style="list-style-type: none"> USPS IMB Barcode HRI distance from symbol reduced. USPS IMB Barcode generated inline instead of as document Xobject. Handling of corrupt G4-MMR images corrected. 	11/01/12	2A20053
2A20019	PDF G4-MMR Pointer Not Set Exposure <ul style="list-style-type: none"> Fix for corrupt G4-MMR images introduced potential pointer not set failure. 	11/01/12	2A20053
2A20020	PID Update Field Product Manager Verify <ul style="list-style-type: none"> 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) 	12/12/12	
2A20021	SUI WRKGSIOUQTQ Option 2 Prompting <ul style="list-style-type: none"> 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. 	12/12/12	
2A20022	SUI WRKGSISPLF Option 2 Prompting <ul style="list-style-type: none"> WRKGSISPLF panels have been enhanced to more closely simulate their i5/OS analogs when prompting option 2, Change Spooled File Attributes. The output queue 	12/12/12	

Current PTF Listing

Page 4

Product ID : 2A55SAM Spool-a-Matic - Gumbo Software, Inc.
 Release : V2R2M0
 As of : 2015/12/29

PTF ID	Description	Status Date	Superseded By
	parameter is now accessible without pressing F10.		
2A20023	FNT Horizontal Scale Factor <ul style="list-style-type: none"> o F:OCA data stream processor now processes HSF (Horizontal Scale Factor) triplet for MCF (Map Coded Font 2) SFI. These can be found in overlays created using InfoPrint Designer. Function added to retrieve scale. 	11/01/12	2A20052
2A20024	MOD Horizontal Scale Factor <ul style="list-style-type: none"> o MO:DCA data stream processor now processes HSF (Horizontal Scale Factor) triplet for MCF (Map Coded Font 2) SFI. These can be found in overlays created using InfoPrint Designer. 	11/01/12	2A20033
2A20025	PDF Horizontal Scale Factor <ul style="list-style-type: none"> o Font and print text processing now honors HSF (Horizontal Scale Factor) specified on fonts in AFPDS spooled files, overlays and page segments. 	11/01/12	2A20053
2A20026	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. 	11/01/12	2A20053
2A20027	PDF IBM-MMR Image Handling Changed <ul style="list-style-type: none"> o IBM-MMR images now converted to PDF as uncompressed images instead of CCITTFaxDecode. 	11/01/12	2A20053
2A20028	MOD Wrong Overlay Selected From Formdef <ul style="list-style-type: none"> o Triplet FQN (Fully Qualified Name) now checks for a name that is less than 8 bytes when loading the DSNAM8 value, and blank fills. 	11/01/12	2A20033
2A20029	PDF Replicate Pattern Mishandled <ul style="list-style-type: none"> o End IIM image now turns off the Drawing Pattern switch for Replicate Patterns. 	11/01/12	2A20053
2A20030	PDF Increase Precision Of Font Scaling <ul style="list-style-type: none"> o The precision of type 3 font character size scaling was increased from 2 decimal places to 3. Characters at the end of long sequences 	11/01/12	2A20053

Current PTF Listing

Page 5

Product ID : 2A55SAM Spool-a-Matic - Gumbo Software, Inc.
 Release : V2R2M0
 As of : 2015/12/29

PTF ID	Description	Status Date	Superseded By
	are now more accurately positioned.		
2A20031	FNT C0S0CB12 Missing Bold Attribute <ul style="list-style-type: none"> Internal font tables erroneously mapped character set C0S0CB12 to Fgid 108 instead of Fgid 110 resulting in missing bold attribute in some instances. 	11/01/12	2A20041
2A20032	PDF IBM-MMR Block Spanning Error <ul style="list-style-type: none"> IBM-MMR images whose end of file marker spans the underlying structured fields were being mishandled resulting in PDF0063 TIFFax error and failed conversion. 	11/01/12	2A20053
2A20033	MOD Export ModMediumGetDescriptorMdd() <ul style="list-style-type: none"> New export to retrieve the currently active Medium Descriptor. 	12/12/12	
2A20034	PDF Units Mismatch Causes Positioning Error <ul style="list-style-type: none"> Now correctly position logical page on medium when the page and medium use differing units of measure. Though rare overall, the situation is most often associated with custom form definitions. 	11/01/12	2A20053
2A20035	PDF IBM-MMR Long Distance Test Removed <ul style="list-style-type: none"> Function used to test IBM-MMR images for end of file markers was corrected to avoid long distance bit tests outside the range of tstbit() function. 	11/01/12	2A20053
2A20036	FNT HSF Applied To GRID and Should Not <ul style="list-style-type: none"> Horizontal Scale Factor triplet was being applied to GRID specified font mappings in *AFPDS spooled files and shouldn't have been. Most GRID based font mappings don't include the triplet, but those that do ended up with incorrectly sized fonts. 	11/01/12	2A20052
2A20037	IFS Path Normalization Problem <ul style="list-style-type: none"> 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. 	12/12/12	

Current PTF Listing

Page 6

Product ID : 2A55SAM Spool-a-Matic - Gumbo Software, Inc.
 Release : V2R2M0
 As of : 2015/12/29

PTF ID	Description	Status Date	Superseded By
2A20038	PDD STRSEU Proxy Confuses xxxDEVGLP Cmd <ul style="list-style-type: none"> 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. 	12/12/12	
2A20039	FT2 Add CCSID Independent Open/Close <ul style="list-style-type: none"> o Added functions to open and close font file paths coded in any CCSID. 	12/12/12	
2A20040	FNT Process User Font Files <ul style="list-style-type: none"> o Previously, when processing fonts specified using DDS' FONTNAME() keyword, only IBM supplied fonts could be located. Now, the search for fonts follows the method used by IBM i, and user supplied fonts are correctly located and processed. 	11/01/12	2A20052
2A20041	FNT Added Path Ccsid To Table <ul style="list-style-type: none"> o Internal font table updated to add path ccsid. 	12/12/12	
2A20042	SCS Improved Typographic Underlining <ul style="list-style-type: none"> o Added export and changes to allow more accurate position calculations when *EXACT specified, benefiting underline of variable typographic fonts. 	12/12/12	
2A20043	GRO Enable User Specified Default Behavior <ul style="list-style-type: none"> o Enable external control of the device default behavior of the graphics processor. 	12/12/12	
2A20044	PDF Enable User Specified Default Behavior <ul style="list-style-type: none"> o IBM Graphic Objects typically specify details of the required rendering but can and sometimes do depend on "device default" behavior. Previously, our pdf processor's default behavior was the more detailed "character precision". For graphic objects that depend on a default behavior of "string precision", this can give odd results. The pdf processor has been updated to enable the user selectable default behavior 	11/01/12	2A20053

Current PTF Listing

Page 7

Product ID : 2A55SAM Spool-a-Matic - Gumbo Software, Inc.
 Release : V2R2M0
 As of : 2015/12/29

PTF ID	Description	Status Date	Superseded By
2A20045	<p>implemented in our Graphics Processor.</p> <p>PDF Media Overlay, XMP Metadata</p> <ul style="list-style-type: none"> Media overlays were being placed on the page out of order. Unless there were overlapping page segments or overlays on the page, the misordering had no visual affect. Overlapped resource were presented incorrectly. The order has been corrected. Previously, PDF/A implemented the draft standard with regard to XMP metadata similar to Acrobat 7.0. The implementation has been updated to reflect ISO 19005-1:2005 as accepted. 	11/01/12	2A20053
2A20046	<p>PDF GOCA Character Data Mishandled</p> <ul style="list-style-type: none"> The "device default" value for Set Character Precision when rendering GOCA graphic character strings was inadvertently changed from "character precision" to "string precision" for IPDS, or SCS with IPDS, spooled files. This could change the size of characters when precision is not specifically set. Additionally GOCA character data was erroneously located when offset other than 0,0 specified in the graphic area. The change is reversed. 	11/01/12	2A20053
2A20047	<p>FNT Resource Resolution Conflict Corrected</p> <ul style="list-style-type: none"> Previously, font parsing could produce errors or failed processing. The problem situation arose when identically named, but different, font resources were simultaneously parsed and the timing of the processing was unlucky. Luck is no longer required to get correct results. 	11/01/12	2A20052
2A20048	<p>PDF *EXACT/*EXACTMOD Broken</p> <ul style="list-style-type: none"> PTF changes introduced an error. If TXTRELPOS() was set to *EXACT or *EXACTMOD, and a monospaced font was specified in an *AFPDS or *IPDS spooled file, positioning errors could occur. The error is corrected. 	11/01/12	2A20053
2A20049	<p>PDF Multi Bit Image, *EXACT & Unkown FGID</p>	11/01/12	2A20053

Current PTF Listing

Page 8

Product ID : 2A55SAM Spool-a-Matic - Gumbo Software, Inc.
 Release : V2R2M0
 As of : 2015/12/29

PTF ID	Description	Status Date	Superseded By
	<ul style="list-style-type: none"> Previously, bit mapped images with more than 1 bit per pel resulted in an unviewable file. Now all bit depths are processed correctly. 		
2A20050	PDF *TYPE3 Imbedding With Logical Base <ul style="list-style-type: none"> Previously when imbedding type 3 fonts, scaling of raster font character bit images into font space assumed that the B_space dimension was coincident with the left and right edge of the raster bounding box. This is true for almost all, but not all, fonts. Now scaling is calculated based on a conversion from raster space to font space. 	11/01/12	2A20053
2A20051	SPL Enhanced Resource List Processing <ul style="list-style-type: none"> Enhanced processing for api QGSLRSC. Previously, processing was ended if the api issued any error. Now the spooled file resource list is inspected for useable data after an error is returned. The situation arises when a spooled file owner's user profile has been deleted, for example. 	12/12/12	
2A20052	FNT FGID Height Override Honored <ul style="list-style-type: none"> For fonts identified by an FGID which has an implied height, height overrides were ignored. Overrides are now applied. 	12/12/12	
2A20053	PDF Occasional Missing Unicode Map <ul style="list-style-type: none"> Unicode character maps were ommited when the spooled file contained both type 1 and type 3 fonts and only type 3 were imbedded. The missing cmap rendered the resulting pdf unsearchable. 	12/12/12	

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