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 Release . . . . . : V2R7M0  
 As of . . . . . : 2018-08-24

<u>PTF ID</u>	<u>Description</u>	<u>Status</u> <u>Date</u>	<u>Superseded</u> <u>By</u>
2A70ALL	Cumulative PTF Package Last Updated 2018/08/24		
2A70001	FNT Unknown Code Page Handling Corrected <ul style="list-style-type: none"> <li>o Missing code page font resource no longer causes the process to fail, a substitute is used instead. This restores the previous behavior.</li> <li>o Default code page selection enhanced to be sensitive to the spooled file's encoding.</li> </ul>	12/06/17	2A70051
2A70002	PDF TrueType With Code Page Corrected <ul style="list-style-type: none"> <li>o When a TrueType font was specified with a code page font resource, the generated PDF contained incorrect data, unicode mapping and font subset.</li> </ul>	12/06/17	2A70047
2A70003	PDF Merge TrueType Subsets <ul style="list-style-type: none"> <li>o Multiple copies of a single TrueType font, with different subsets, were generated when the font was specified in different ways. Now the subsets are combined into single copy and overall file size is reduced.</li> <li>o Horizontal scaling of the underscore character was performed incorrectly when rendering PTOCA underscored text.</li> </ul>	12/06/17	2A70047
2A70004	FNT *SCS Scalable Fonts Mishandled <ul style="list-style-type: none"> <li>o The font size derived from *SCS spooled file which specifies a scalable font was incorrect.</li> </ul>	12/06/17	2A70051
2A70005	PDF *SCS Scalable Fonts Mishandled <ul style="list-style-type: none"> <li>o The font size derived from *SCS spooled file which specifies a scalable font was incorrect.</li> </ul>	12/06/17	2A70047
2A70006	PDF *TRUETYPE On Handheld Devices <ul style="list-style-type: none"> <li>o Imbedded *TRUETYPE fonts used with DBCS data displays correctly in Adobe Reader but does not display in other context such as handheld due to malformed CIDFont declaration.</li> <li>o Imbedded *TRUETYPE fonts used with SBCS data displays correctly in Adobe Reader but does not display in other context such as handheld due to malformed encoding cmap.</li> </ul>	12/06/17	2A70047
2A70007	SUI WRKGSISPLF/WRKGSIOUQ Slow Response Time <ul style="list-style-type: none"> <li>o WRKGSISPLF and WRKGSIOUQ were slow to respond to page down requests.</li> </ul>	12/06/17	2A70018
2A70008	PDF A PDF/A Validator Complains <ul style="list-style-type: none"> <li>o Some PDF/A validators complain that "The XMP</li> </ul>	12/06/17	2A70047

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	property 'xmp:CreateDate' is not synchronized with the document information entry 'CreationDate'." Code was changed to avoid the less liberal interpretation.		
2A70009	SAM SPLNBR(*ANY) Doesn't Work <ul style="list-style-type: none"> <li>o SPLCONVERT command's SPLNBR() parameter special value *ANY doesn't work and generates an error.</li> </ul>	12/06/17	2A70033
2A70010	SPL QGSLRSC Fails For Duplicate Splf <ul style="list-style-type: none"> <li>o Generating a resource list using QGSLRSC failed when processing a spooled file that has a duplicate on the system. QGSLRSC is now called using the system's internal IDs for the job and spooled file and the problem avoided.</li> </ul>	12/07/17	
2A70011	FNT QGSLRSC Fails For Duplicate Splf <ul style="list-style-type: none"> <li>o Retrieving font file names using QGSLRSC failed when processing a spooled file that has a duplicate on the system. QGSLRSC is now called using the system's internal IDs for the job and spooled file and the problem avoided.</li> </ul>	12/06/17	2A70051
2A70012	FNT Unneeded TrueType Opens Failure <ul style="list-style-type: none"> <li>o Resolving TrueType fonts failed to check for existing resolved reference resulting in a stack overflow and failed processing.</li> </ul>	12/06/17	2A70051
2A70013	FNT Clean Up Error <ul style="list-style-type: none"> <li>o Two location in environment create error handling destroy a local copy of a pointer instead of the passed copy leading to a suspected error on a customer system when the passed copy is also destroyed.</li> </ul>	12/06/17	2A70047
2A70014	PDF Uninitialized Pointer <ul style="list-style-type: none"> <li>o Uninitialized pointer caused clean up failure with MCH3601 under some error scenarios.</li> </ul>	12/06/17	2A70047
2A70015	FNT Reissue Service Program <ul style="list-style-type: none"> <li>o Service program recompiled and reissued.</li> </ul>	12/06/17	2A70051
2A70016	PDF Reissue Service Program <ul style="list-style-type: none"> <li>o Service program recompiled and reissued.</li> </ul>	12/06/17	2A70047
2A70017	PDF Portrait90/Landscape90 Incorrect <ul style="list-style-type: none"> <li>o Portrait 90 and Landscape 90 orientation values on medium descriptors gave wrong</li> </ul>	12/06/17	2A70047

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2A70018	SUI WRKGSISPLF/WRKGSIOUQ Slow Open ○ results for *AFPDS spooled files. Orientation now derived from medium descriptor extents. ○ 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.	12/07/17	
2A70019	PDS Page Buffer Functions Added ○ 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.	12/06/17	2A70029
2A70020	FNT Retrive CCSID Function Added ○ New export allows retrieval of a font stack entry's opinion on the current effective ccsid.	12/06/17	2A70051
2A70021	TXT Procесing Improvements ○ *TXTxxx transforms now support out of sequence data in a print data stream. ○ *TXTxxx transforms now support mixed CCSID data in a print data stream. ○ *TXTxxx transforms now support complex over printing of DBCS data as well as other enhancements to overlap resolution.	12/06/17	2A70030
2A70022	SAM Add *TXTNONBLANK Transform ○ 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.	12/06/17	2A70033
2A70023	PDS Internal Mods To Increase Modularity ○ Internal modifications to increase modularity.	12/06/17	2A70029
2A70024	TXT Internal Mods To Increase Modularity ○ Internal modifications to increase modularity.	12/06/17	2A70030
2A70025	PDF Intelligent Mail BARCODE Error ○ Incorrect data in an internal Intelligent Mail table resulted in invalid barcodes being generated something like 1.5% of the time.	12/06/17	2A70047
2A70026	PDS Page Buffer Handle DBCS ES!=x1301 ○ Page buffering enhanced to handle DBCS data with encoding schemes other than x1301.	12/06/17	2A70029
2A70027	FNT Always Produce Unicode Char Map ○ Processing enhanced to produce a unicode character map even in the absence of a code	12/06/17	2A70051

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2A70028	PDS Uninitialized Variable o Uninitialized variable causes *TXTxxx conversion failure when splitting the spooled file with PAGDTA() parameter.	12/06/17	2A70029
2A70029	PDS New Export o New export added to improve space/memory management between service program and clients.	12/07/17	
2A70030	TXT *FORMDEF/Text Suppression 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.	12/07/17	
2A70031	HTM Various Enhancements o Built in css changed from tr { float: left; } to tr { float: none; } to yield uniform "page" sizes during display. o Support for *AFPDS print data streams added. o *HTMLxxx transforms now support out of sequence data in a print data stream. o *HTMLxxx transforms now support mixed CCSID data in a print data stream. o *HTMLxxx transforms now support complex over printing of DBCS data as well as other enhancements to overlap resolution.	12/07/17	
2A70032	RTF Various Enhancements o Support for *AFPDS print data streams added. o *RTFxxx transforms now support out of sequence data in a print data stream. o *RTFxxx transforms now support mixed CCSID data in a print data stream. o *RTFxxx transforms now support complex over printing of DBCS data as well as other enhancements to overlap resolution. o *RTFxxx transforms can now target CCSID *UNICODE and *UTF8.	12/07/17	
2A70033	SAM Enable HTM/RTF for *AFPDS o Update conversion to enable *AFPDS processing by *HTMxxx and *RTFxxx transforms.	12/07/17	
2A70034	FNT Enhanced Equal CharSet Test o Test for equal char sets enhanced to look at	12/06/17	2A70051

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2A70035	PDF *FGID Imbed Changes the underlying *FNTRSC and not the references, decreasing the number of false negatives. o 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. o Previously multiple copies of a font imbedded for an FGID or for PDF/A might be included unnecessarily. Multiples are now avoided.	12/06/17	2A70047
2A70036	SCS Invalid VCS Channel Ignored o Invalid channel number in SCS control VCS (vertical channel select) was treated as a fatal error. Now the control is ignored and processing continues.	12/07/17	
2A70037	PID Message File Updates o Add new application messages to message file for future enhancement.	12/07/17	
2A70038	PID Upgrade RTVGS IPTF Command o Previously, the Retrieve Gumbo PTF (RTVGS IPTF) command downloaded PTFs using the FTP protocol. Now RTVGS IPTF uses HTTP. Additionally, RTVGS IPTF 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, RTVGS IPTF 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	12/07/17	

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	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.		
2A70039	PDF Suppress DBCS *TYPE3 Imbedding o Previously PDFFNTIMB(*TYPE3) could not be specified for DBCS spooled files as imbedding of DBCS fonts fails. Now DBCS fonts are bypassed and other DBCS fonts are imbedded.	12/06/17	2A70047
2A70040	FNT DBCS Length Calcs Corrected o Length and positioning were miscalculated for DBCS characters when processed in the presence of font resources. The old, correct, behavior has been restored.	12/06/17	2A70051
2A70041	FNT New Function Export o New export to allow retrieval of a font's Baseline Offset Default value.	12/06/17	2A70051
2A70042	PDF Correct Type3 Size For Mapping o Certain raster fonts (ex. C0S0CR12) contain a discrepancy between the stated point size and the 'Baseline offset default' value. Sizing an Adobe builtin font using point size gave a result that was 'too small'. When the values diverge we now use 'Baseline offset default' to calculate size for the builtin giving results that better approximate the printed page.	12/06/17	2A70047
2A70043	FNT Correct *PRV Signature o Correct *PRV signature.	12/07/17	2A70051
2A70044	PTX Track Overstrike/Underscore Positions o Added processing and macros to track and return start and end positions for overstrike and underscore.	12/07/17	
2A70045	PDF Re-implement Underscoring o Previously underscoring was accomplished by 'printing' the underscore character (_). This method could produce length oddities. Underscoring has been re-implemented as as a graphic line with improved start and stop accuracy.	12/07/17	2A70047

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<u>PTF ID</u>	<u>Description</u>	<u>Status</u> <u>Date</u>	<u>Superseded</u> <u>By</u>
2A70046	FNT Improve Baseline Offset Default <ul style="list-style-type: none"> <li>o Update Baseline Offset Default retrieval to use FND Nominal Height if it is larger than Baseline Extent Max.</li> </ul>	12/07/17	2A70051
2A70047	PDF /A Validation Failing <ul style="list-style-type: none"> <li>o PDF/A file validation was failing for files that contained bookmarks and for files produced with TXTRELPOS(*EXACTMOD) when *TYPE3 fonts were used. These now validate.</li> </ul>	12/22/17	
2A70048	FNT mu/micro Naming Discrepancy <ul style="list-style-type: none"> <li>o There is a naming discrepancy between IBM and Adobe regarding the mu/micro glyph. This caused the character to non-display in some circumstances. We have standardized on Adobe's view and the discrepancy is resolved.</li> </ul>	04/09/18	
2A70049	FNT PDF/A Fails After mu/micro Fix <ul style="list-style-type: none"> <li>o PDF/A processing fails after mu/micro fix with message ids FNT0028 and PDF0125. The error is corrected.</li> </ul>	08/07/18	2A70051
2A70050	PID Update Field Fix Manager <ul style="list-style-type: none"> <li>o Added field fix manager processing to delete resolved font resource users spaces, if requested by a PTF, in order to force regeneration.</li> </ul>	08/24/18	
2A70051	FNT Remove Typel Marker Fields <ul style="list-style-type: none"> <li>o Type 1 font resolution now strips marker fields from the font program resulting in a pure pfb. This resolves a complaint from more recent PDF/A validators such as veraPDF,</li> </ul> <p>NOTE: Previously resolved font resources are moved to QRPLOBJ during application of this PTF in order to force their recreation.</p>	08/24/18	

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