FUJITSU

FUJITSU Software
PowerBSORT V7.0.0

Release Notes

Linux(64)

Preface

This documentation explains Release Notes of PowerBSORT.

Purpose of this documentation

This documentation explains the additional function, the bug fix and the interchangeable information from the old edition. It has aimed can the smoother shift of the customer who was using the old edition to this product.

Documentation audience

This document is for customers who are using old edition of this products and intended for shift or shifting to this product.

Positioning of this documentation

This document explains only fragments of the additional function, the bug fix, and the interchangeable information from the old edition. For details and to get the overall look of the product, refer to each product manual.

Related manuals

The manual of this product and a related product includes the following manuals besides this document.

- PowerBSORT V7.0 User's Guide

Product names

The names of products described in this manual are abbreviated as follows:

Product Name	Abbreviation
Red Hat(R) Enterprise Linux(R) 7 (for Intel64)	Linux
Red Hat(R) Enterprise Linux(R) 6 (for Intel64)	

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Chapter 1 Outline of Additional Function

New product function and content is outlined below by version and level.

Table 1.1 Outline of additional function of PowerBSORT V7

No.	V/L	Function name	Content	Location in Manual
1	V7.0.0	Fujitsu Common Tools	FJQSS (Information Collection Tool)	Software Release Guide - Appendix C
2	V7.0.0	Data format	The Unicode UTF-32 form was supported as data format.	User's Guide - 1.4 Environment variables and Startup file - 1.6.3 Data format - 1.6.4 Data forms that can be specified in each field - 3.2.16 Input code system option (-q) - 3.2.26 COBOL file index specification option (-X) - 4.2.7.3 icode operand - 4.2.8.10 idxkey operand - 6.5.1 BSRTPRIM structure - 6.5.10 BSIDXKEY structure
3	V7.0.0	Record summation option	The length of data formats that can be specified for the binary file has been enhanced	User's Guide - 1.6.4.2 Data formats that can be specified in the summation field
4	V7.0.0	Record selection option	The length of data formats that can be specified by a literal value has been enhanced.	User's Guide - 1.6.4.3 Data formats that can be specified in the selection field
5	V7.0.0	Record reconstruction option	The length of data formats that can be specified by a literal value has been enhanced.	User's Guide - 1.6.4.4 Data formats that can be specified in the literal value of the reconstruction field
6	V7.0.0	File types	The physical sequential file format supported by COBOL85 that operated on the Fujitsu mainframe was supported.	User's Guide - 1.4.2 Startup file - 1.5 PowerBSORT Input Output Environment - 3.2.3 I/O file system option (-F) - 4.2.5.3 filesys operand - 6.5.8 BSFSYS structure

No.	V/L	Function name	Content	Location in Manual
			- 2 -	- B.8 Important Notes about the NetCOBOL File system

Table 1.2 Outline of additional function of PowerBSORT V6

NO.	V/L	Function name	Content	Location in Manual
1	V6.1.0	Fujitsu Common Tools	Fujitsu Middleware Installation System	Software Release Guide - Chapter 6
2	V6.1.0	Data format	The external decimal number of Micro Focus COBOL form was supported as data format.	User's Guide - 3.2.16 Input code system option (-q) - 4.2.7.3 icode operand - 6.5.1 BSRTPRIM structure

Chapter 2 Information on interchangeability

Here, information on the interchangeability changed from the version and level before is described.

2.1 Interchangeable information regarding bug fixes

Here, it explains bug fixes corrected by PowerBSORT V7 and later version in which the operation of the PowerBSORT changes in the following tables.

Table 2.1 Interchangeable information on bug fixes of PowerBSORT

No.	V/L(*)	P number	Content
1	V6.0.0	PG76059	Under the following conditions, PowerBSORT may cause result error, infinite loop or abnormal termination. 1. The bsort command, the bsortex command or the BSORT function is used. 2. Sort function is specified. 3. The text file CSV format or text file TSV format is specified. 4. The record summation option or the record selection option for the output files is specified. 5. The summation field or selection field is enclosed with a double quotation.
2	V6.0.0	PG76539	Under the following conditions, PowerBSORT may cause result error or abnormal termination. 1. The bsortex command is used. 2. The text file CSV format or text file TSV format is specified. 3. The record reconstruction option for the output files is specified.

*: V/L is a scope where the bug exists.

Chapter 3 Program Fix List

In this software, the trouble that occurs by the version and level before is corrected. This document explains the content of the correction corrected by this software of this version level.

Table 3.1 Program fix list of PowerBSORT

No.	V/L(*)	P number	Content
1	V6.0.0	PG76059	Under the following conditions, PowerBSORT may cause result error, infinite loop or abnormal termination. 1. The bsort command, the bsortex command or the BSORT function is used. 2. Sort function is specified. 3. The text file CSV format or text file TSV format is specified. 4. The record summation option or the record selection option for the output files is specified. 5. The summation field or selection field is enclosed with a double quotation.
2	V6.0.0	PG76539	Under the following conditions, PowerBSORT may cause result error or abnormal termination. 1. The bsortex command is used. 2. The text file CSV format or text file TSV format is specified. 3. The record reconstruction option for the output files is specified.
3	V6.0.0	PG84172	Under the following conditions, PowerBSORT outputs the error message "A necessary BSORT working area cannot be secured." and terminates abnormally. 1. Sort function is specified. 2. The input file system is a native file system of the system. 3. The input file is a binary file. 4. The input record length is very large. 5. The size of the input file is a small.
4	V6.0.0	PG83119	Under the following conditions, PowerBSORT outputs the error message "The mistake (BSORT_MSGLEVEL) is found in startup file." and terminates abnormally. 1. The bsortex command is used. 2. BSORT_MSGLEVEL is specified in the startup file. 3. N, E, W or I is specified for BSORT_MSGLEVEL.
5	V6.0.0	PG90774	Under the following conditions, PowerBSORT outputs the error message "First/last option is specified without summation/suppress function." and terminates abnormally. 1. The bsortex command is used. 2. The suppress operand (suppression option) of -summary option is specified. 3. The first operand or last operand of -summary option is specified. 4. The fifo operand of -option option is specified.

*: V/L is a scope where the bug exists.

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