

HCL Z Abend Investigator

Japanese Language Feature

Version 16.1.0

Program Number 19OP1230

FMID:

- JHFZG1J

Program Directory

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Note

Before using this information and the product it supports, be sure to read the general information under Notices on page 13.

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1. Introduction

This program directory is intended for system programmers who are responsible for program installation and maintenance. It contains information about the material and procedures associated with the installation of HCL Z Abend Investigator Japanese Language feature. This publication also refers to HCL Z Abend Investigator Japanese Language feature as ZAIJ.

The Program Directory contains the following sections:

- Package Content on page 2 identifies the basic program materials and documentation for ZAIJ.
- Program Support on page 3 describes the HCL support available for ZAIJ.
- Installation Requirements and Considerations on page 4 identifies the resources and considerations that are required for installing and using ZAIJ.
- Installation Instructions on page 8 provides detailed installation instructions for ZAIJ.

2. Package Content

ZAIJ is delivered as a separately installable package.

2.1 Downloaded Materials

The distribution medium for this program is downloadable files. This program is in SMP/E RELFILE format and is installed by using SMP/E.

The downloaded materials for ZAIJ consist of these files:

JHFZG1J.pax.Z	Compressed SMP/E RELFILES and SMPMCS
JHFZG1J.readme.txt	Readme file with instructions and sample JCL

For more details see the Package Files tables in section **Upload the web download package to the host** on page 9.

See **Installation Instructions** on page 8 for more information about how to install the program.

2.2 Program Publications

This section identifies the publications for ZAI.

These publications can be obtained from:

<https://help.hcl-software.com/zai/welcome/index.html>

ZAI Publications	
Publication Title	Media Format
HCL Z <i>Abend Investigator</i> User's Guide and Reference	Online

3. Program Support

This section describes the HCL support available for ZAIJ.

Report any problems which you feel might be an error in the product materials to HCL Support.

HCL Support can be contacted via the Contact Support Form located at:

<https://support.hcl-software.com/csm>

You may be asked to gather and submit additional diagnostics to assist HCL Support in their analysis.

Product IDs			
FMID	PID	Component Name	Release
AHFZG10	19OP1230	ZAI Base	1610
JHFZG1J	19OP1230	ZAIJ	1610

4. Installation Requirements and Considerations

The following sections identify the system requirements for installing and activating ZAI.
The following terminology is used:

- *Driving system*: the system on which SMP/E is executed to install the program.
- *Target system*: the system on which the program is configured and run.

4.1 Driving and Target System Requirements

4.1.1 System Software Requirements

Requires a supported version of z/OS® plus hardware sufficient to run z/OS.

System Software Requirements		
Program Number	Product Name	Minimum VRM
5650-ZOS	z/OS	V02.05.00 or higher

Note:

See the following link to view supported z/OS levels:

<https://www.ibm.com/support/pages/lifecycle/>

Refer to product documentation for any additional target system software requisites.

4.1.2 DASD Storage Requirements

ZAIJ libraries can reside on all supported DASD types.

The figures in this section list the total space that is required for each type of library and describe the target and distribution libraries required to install ZAIJ.

Total DASD Space Required by ZAIJ		
Library Type	Total Space Required in 3390 Trks	Description
Target	80 Tracks	All components installed
Distribution	120 Tracks	All components installed
Extracted RELFILES and SMPMCS	1200 Tracks (approximate)	All components extracted. These are temporary data sets that can be removed after the SMP/E install.

The storage allocation values for both Target (TLIB) and Distribution (DLIB) data sets can be found in sample HFZALLOC.

Note:

The data sets allocated by this product are used only by this product. This table provides all the required information to determine the correct storage for the data sets.

ZAIJ Target Libraries					
Library DDNAME	Member Type	Target Volume	ORG	RECFM	LRECL
SHFZXJPN	Sample	ANY	PDS	FB	80
SHFZPJPN	Panel	ANY	PDS	FB	80
SHFZMJPN	Messages	ANY	PDS	FB	80
SHFZSJPN	Skeleton	ANY	PDS	FB	80
SHFZTJPN	Table	ANY	PDS	FB	80
SHFZDJPN	Data	ANY	PDS	VB	255

ZAIJ Distribution Libraries			
Library DDNAME	ORG	RECFM	LRECL
AHFZXJPN	PDS	FB	80
AHFZPJPN	PDS	FB	80
AHFZMJPN	PDS	FB	80
AHFZSJPN	PDS	FB	80
AHFZTJPN	PDS	FB	80
AHFZDJPN	PDS	VB	255

5. Installation Instructions

This chapter describes the installation method and the step-by-step procedures to install ZAIJ. It is recommended that the sample jobs detailed in section **Sample jobs** are used for the installation.

Note:

- The assumption is that ZAIJ will be installed into the same SMP/E environment as ZAI.

5.1 Installing ZAIJ

5.1.1 SMP/E Considerations for Installing ZAIJ

Use the SMP/E RECEIVE, APPLY, and ACCEPT commands to install this release of ZAIJ (see HFZRECEV, HFZAPPLY and HFZACCEP in section **Sample jobs**).

5.1.2 Overview of the installation steps

Overview of steps required to install HCL Z Abend Investigator Japanese Language Feature.

1. Allocate file system to hold web download package.
2. Upload the web download package to the host.
3. Extract and expand the compressed SMPMCS and RELFILES.
4. Extract the sample jobs.
5. Perform SMP/E RECEIVE (HFZRECEV).
7. Allocate SMP/E target and distribution libraries (HFZALLOC).
8. Create DDDEF entries (HFZDDDEF).
9. Perform SMP/E APPLY (HFZAPPLY).
10. Perform SMP/E ACCEPT (HFZACCEP).

11. Clean Up Installation Data Sets and Files.
12. Post Installation Tasks.

5.1.3 Allocate file system to hold web download package

The SMP/E input data sets to install ZAIJ are provided as compressed files in archive JHFZG1J.pax.Z which must be uploaded to z/OS as a z/OS UNIX file.

You can either create a new z/OS UNIX file system (zFS) or create a new directory in an existing file system to place the download package.

You can use the sample JCL in JHFZG1J.readme.txt file to create a new file system, and directory, for the download package.

5.1.4 Upload the web download package to the host

Upload the JHFZG1J.readme.txt file, and the JHFZG1J.pax.Z file to the z/OS UNIX file system. See the following table for the files and formats.

Upload files for the optional components as required.

Package Files		
File Name	Format	Size (approximate)
JHFZG1J.pax.Z	Binary	21 MB
JHFZG1J.readme.txt	ASCII	20 KB

5.1.5 Extract and expand the compressed SMPMCS and RELFILES

The JHFZG1J.readme.txt file uploaded in the previous step holds a sample JCL to expand the compressed SMPMCS and RELFILES from the uploaded JHFZG1J.pax.Z files into data sets for use by the SMP/E RECEIVE job.

The following table list extracted data sets that are not used by ZAIJ, but are required as input for SMP/E.

Required ZAI Base RELFILES and SMPMCS			
Data Set Name	ORG	RECFM	LRECL
HCL.JHFZG1J.F1	PDS	FB	80
HCL.JHFZG1J.F2	PDS	U	0
HCL.JHFZG1J.F3	PDS	FB	80
HCL.JHFZG1J.F4	PDS	FB	80
HCL.JHFZG1J.F5	PDS	FB	80
HCL.JHFZG1J.F6	PDS	FB	80
HCL.JHFZG1J.F7	PDS	VB	255
HCL.JHFZG1J.F8	PDS	VB	8196
HCL.JHFZG1J.SMPMCS	SEQ	FB	80

Note:

These are temporary data sets, which can be removed after the SMP/E install.

5.1.6 Sample jobs

The following sample installation jobs are provided in RELFILE F1 to help you install ZAIJ. It is recommended that you copy these files to another data set before making any changes.

Sample Installation Jobs			
Job Name	Job Type	Description	RELFIL
HFZRECEV	RECEIVE	Sample SMP/E RECEIVE job	HCL.JHFZG1J.F1
HFZALLOC	ALLOCATE	Sample job to allocate target and distribution libraries	HCL.JHFZG1J.F1
HFZDDDEF	DDDEF	Sample job to define SMP/E DDDEFs	HCL.JHFZG1J.F1
HFZAPPLY	APPLY	Sample SMP/E APPLY job	HCL.JHFZG1J.F1
HFZACCEP	ACCEPT	Sample SMP/E ACCEPT job	HCL.JHFZG1J.F1

Expected Return Codes and Messages:

Return code of 0 is expected for all steps if each job runs correctly.

5.1.7 Perform SMP/E RECEIVE

Edit and submit sample job HFZRECEV to perform the SMP/E RECEIVE for ZAIJ. Consult the instructions in the sample job for more information.

5.1.8 Allocate SMP/E Target and Distribution Libraries

Edit and submit sample job HFZALLOC to allocate the SMP/E target and distribution libraries for ZAIJ. Consult the instructions in the sample job for more information.

5.1.9 Create DDDEF Entries

Edit and submit sample job HFZDDDEF to create DDDEF entries for the SMP/E target and distribution libraries for ZAIJ. Consult the instructions in the sample job for more information.

5.1.10 Perform SMP/E APPLY

Edit and submit sample job HFZAPPLY to perform an SMP/E APPLY CHECK for ZAIJ. Consult the instructions in the sample job for more information.

After you take actions that are indicated by the APPLY CHECK, remove the CHECK operand and run the job again to perform the APPLY.

5.1.11 Perform SMP/E ACCEPT

Edit and submit sample job HFZACCEP to perform an SMP/E ACCEPT CHECK for ZAIJ. Consult the instructions in the sample job for more information.

After you take actions that are indicated by the ACCEPT CHECK, remove the CHECK operand and run the job again to perform the ACCEPT.

5.1.12 Clean Up Installation Data Sets and Files

The following data sets and files are only required during ZAI installation and may be deleted after a successful install.

- z/OS UNIX files uploaded as part of step 5.1.4
- The SMPMCS and RELFILES extracted as part of step 5.1.5

5.1.13 Post Installation Tasks

Refer to the Z Abend Investigator User's Guide and Reference, "Customizing the Z Abend Investigator Japanese feature" section.

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