IBM

Program Directory for

IBM Application Support Facility for z/OS

Version 3 Release 03, Modification Level 00

Program Number 5655-002

FMID HSF1300

for Use with
z/OS

Service updated with PQ88744

Document Date: June 01, 2004

GI19-0020-00

> **Note|**
>
> Before using this information and the product it supports, be sure to read the general information under "Notices" on page vii.

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Notices

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APAR numbers are provided in this document to assist in locating PTFs that may be required. Ongoing problem reporting may result in additional APARs being created. Therefore, the APAR lists in this document may not be complete. To obtain current service recommendations and to identify current product service requirements, always contact the IBM Customer Support Center or use S/390 SoftwareXcel to obtain the current "PSP Bucket".

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1.0 Introduction

This program directory is intended for the system programmer responsible for program installation and maintenance. It contains information concerning the material and procedures associated with the installation of IBM Application Support Facility for z/OS. This publication refers to IBM Application Support Facility for z/OS as ASF. You should read all of this program directory before installing the program and then keep it for future reference.

The program directory contains the following sections:

- 2.0, "Program Materials" on page 3 identifies the basic and optional program materials and documentation for ASF.

- 3.0, "Program Support" on page 8 describes the IBM support available for ASF.

- 4.0, "Program and Service Level Information" on page 11 lists the APARs (program level) and PTFs (service level) incorporated into ASF.

- 5.0, "Installation Requirements and Considerations" on page 12 identifies the resources and considerations for installing and using ASF.

- 6.0, "Installation Instructions" on page 20 provides detailed installation instructions for ASF. It also describes the procedures for activating the functions of ASF, or refers to appropriate publications.

Before installing ASF, read 3.2, "Preventive Service Planning" on page 8. This section tells you how to find any updates to the information and procedures in this program directory.

Do not use this program directory if you are installing ASF with a SystemPac or ServerPac. When using these offerings, use the jobs and documentation supplied with the offering. This documentation may point you to specific sections of the program directory as required.

If you are installing ASF using the Custom-Built Product Delivery Offering (CBPDO, 5751-CS3), a softcopy program directory is provided on the CBPDO tape which is identical to the printed copy shipped with your order. Your CBPDO contains a softcopy preventive service planning (PSP) upgrade for this product. All service and HOLDDATA for ASF are included on the CBPDO tape.

1.1 ASF Description

Application Support Facility allows users to create documents based on pre-defined templates, text, and data. The definition of the document layout and formatting are done using IBM Document Composition Facility.

Application Support Facility for z/OS V3R3 offers improved document creation functions to V3R2 customers. This new release combines the V3R2 base function with its Document Composition feature and provides enhancements for administrators.

Additionally, the new Document Connect for Application Support Facility feature (Document Connect for ASF) provides a Web client for users of the document composition function. This allows you to move some or all of your users off a 3270 user interface towards a solution not necessarily requiring DCF skills when writing documents.

For your Application Support Facility administrators, the resources for document composition remain unchanged, thus protecting your investment.

Together, Application Support Facility for z/OS V3R3 and Document Connect for ASF dramatically improve the user experience while continuing to use the back-end solution you have today.

For more information, visit: http://www.ibm.com/software/applications/office/asf

1.2 ASF FMIDs

ASF consists of the following FMIDs:

> HSF1300
> JSF1303
> JSF1304
> JSF1305
> JSF1306
> JSF1307
> JSF1310
> JSF1311
> JSF1312
> JSF1313
> JSF1314
> JSF1315
> JSF1316
> JSF1317
> JSF1318
> JSF1319
> JSF1320

2.0 Program Materials

An IBM program is identified by a program number and a feature number. The program number for ASF is 5655-002.

Basic Machine-Readable Materials are materials that are supplied under the base license and feature code, and are required for the use of the product. Optional Machine-Readable Materials are orderable under separate feature codes, and are not required for the product to function.

The program announcement material describes the features supported by ASF. Ask your IBM representative for this information if you have not already received a copy.

2.1 Basic Machine-Readable Material

The distribution medium for this program is magnetic tape or downloadable files. It is installed using SMP/E, and is in SMP/E RELFILE format. See 6.0, "Installation Instructions" on page 20 for more information about how to install the program.

Figure 1 describes the physical tape. Figure 2 describes the file content.

Notes:

 1. The data set attributes in these tables should be used in the JCL of jobs reading the data sets, but since the data sets are in IEBCOPY unloaded format, their actual attributes may be different.

 2. If you are installing ASF using the Custom-Built Product Delivery Offering (CBPDO) (5751-CS3), some of the information in these figures may not be valid. Consult the CBPDO documentation for actual values.

 3. If any RELFILEs are identified as PDSEs, ensure that SMPTLIB data sets are allocated as PDSEs.

Figure 1. Basic Material: Program Tape					
Medium	**Feature Number**	**Physical Volume**	**External Label**	**R/M ***	**VOLSER**
3480 cart	5832	1	ASF	N	SF1300
3480 cart	5832	1	ASFV3R03 German	N	SF1300
3480 cart	5832	1	ASFV3R03 French	N	SF1300
3480 cart	5832	1	ASFV3R03 Dutch	N	SF1300
3480 cart	5832	1	ASFV3R03 Spanish	N	SF1300
3480 cart	5832	1	ASFV3R03 Danish	N	SF1300

 * R/M = Restricted Materials of IBM

Name	O R G	R E C F M	L R E C L	BLK SIZE
Figure 2. Program File Content				
SMPMCS	SEQ	FB	80	6400
IBM.HSF1300.F1	PDS	FB	80	8800
IBM.HSF1300.F2	PDS	U	0	6144
IBM.HSF1300.F3	PDS	VB	8188	16376
IBM.JSF1303.F1	PDS	FB	80	8800
IBM.JSF1303.F2	PDS	VB	8188	16376
IBM.JSF1303.F3	PDS	U	0	6144
IBM.JSF1304.F1	PDS	FB	80	8800
IBM.JSF1304.F2	PDS	VB	8188	16376
IBM.JSF1304.F3	PDS	U	0	6144
IBM.JSF1305.F1	PDS	FB	80	8800
IBM.JSF1305.F2	PDS	VB	8188	16376
IBM.JSF1305.F3	PDS	U	0	6144
IBM.JSF1306.F1	PDS	FB	80	8800
IBM.JSF1306.F2	PDS	VB	8188	16376
IBM.JSF1306.F3	PDS	U	0	6144
IBM.JSF1307.F1	PDS	FB	80	8800
IBM.JSF1307.F2	PDS	VB	8188	16376
IBM.JSF1307.F3	PDS	U	0	6144

2.2 Optional Machine-Readable Material

The distribution medium for this program is magnetic tape or downloadable files.

Figure 3 describes the physical tape. Figure 4 on page 5 describes the file content.

Medium	Feature Number	Physical Volume	External Label	R/M *	VOLSER
Figure 3. Optional Material					
3480 cart	5842	1	Document Connect for ASF	N	SF1310

* R/M = Restricted Materials of IBM

Figure 4. Optional Material File Content				
Name	**O R G**	**R E C F M**	**L R E C L**	**BLK SIZE**
SMPMCS	SEQ	FB	80	6400
IBM.JSF1310.F1	PDS	VB	255	8800
IBM.JSF1311.F1	PDS	VB	255	8800
IBM.JSF1312.F1	PDS	VB	255	8800
IBM.JSF1313.F1	PDS	VB	255	8800
IBM.JSF1314.F1	PDS	VB	255	8800
IBM.JSF1315.F1	PDS	VB	255	8800
IBM.JSF1316.F1	PDS	VB	255	8800
IBM.JSF1317.F1	PDS	VB	255	8800
IBM.JSF1318.F1	PDS	VB	255	8800
IBM.JSF1319.F1	PDS	VB	255	8800
IBM.JSF1320.F1	PDS	VB	255	8800

2.3 Program Publications

The following sections identify the basic and optional publications for ASF.

2.3.1 Basic Program Publications

Figure 5 identifies the basic unlicensed program publications for ASF. These publications are available as softcopy only and can be downloaded either from the tape or from Web page http://www.ibm.com/software/applications/office/asf/library.html

Figure 5 (Page 1 of 2). Basic Material: Unlicensed Publications	
Publication Title	**Form Number**
IBM Application Support Facility Version 3 Release 3, Licenced Program Specifications	GH12-6738
IBM Application Support Facility Version 3 Release 3, Administration Guide	SH12-6734
IBM Application Support Facility Version 3 Release 3, Application Programming Interfaces	SH12-6735
IBM Application Support Facility Version 3 Release 3, Diagnosis Guide	SH12-6739

Figure 5 (Page 2 of 2). Basic Material: Unlicensed Publications	
Publication Title	**Form Number**
IBM Application Support Facility Version 3 Release 3, Administration Guide - German	SH12-3033
IBM Application Support Facility Version 3 Release 3, Administration Guide - Spanish	SC10-9324
IBM Application Support Facility Version 3 Release 3, Administration Guide - Dutch	SH14-5210

Note: The Unlicensed Publications mentioned in the table above will be shipped on the program tape as Book-files and PDF-files in library AFSNDAT0. The Program Directory will be shipped as PDF-file only.

The following list contains a reference of the members in AFSNDAT0 to the specific publications.

FSNABENU	Administration Guide (Book)
FSNAPENU	Administration Guide (PDF)
FSNDBENU	Diagnosis Guide (Book)
FSNDPENU	Diagnosis Guide (PDF)
FSNQBENU	API-Guide (Book)
FSNQPENU	API Guide (PDF)
FSNLPENU	Licensed Program Specifications (PDF)
FSNPPDIR	Program Directory (PDF)
FSNABDEU	Administration Guide (Book)
FSNAPDEU	Administration Guide (PDF)
FSNABESP	Administration Guide (Book)
FSNAPESP	Administration Guide (PDF)
FSNABNLD	Administration Guide (Book)
FSNAPNLD	Administration Guide (PDF)
FSNCPENU	Administration Guide, chapter 13. System setup and configuration (PDF)

2.3.2 Optional Program Publications

Figure 6. Optional Material: Licensed Publications		
Publication Title	**Form Number**	**Feature Number**
IBM Transaction Processing and Data Collection Kit	SK2T-0730-33	7003

2.4 Program Source Materials

No program source materials or viewable program listings are provided for ASF.

2.5 Publications Useful During Installation

The publications listed in Figure 7 on page 7 may be useful during the installation of ASF. To order copies, contact your IBM representative or visit the IBM Publications Center on the world wide Web at: http://www.elink.ibmlink.ibm.com/applications/public/applications/ publications/cgibin/pbi.cgi on the Internet.

Figure 7. Publications Useful During Installation	
Publication Title	**Form Number**
IBM SMP/E for z/OS and OS/390 User's Guide	SA22-7773
IBM SMP/E for z/OS and OS/390 Commands	SA22-7771
IBM SMP/E for z/OS and OS/390 Reference	SA22-7772
IBM SMP/E for z/OS and OS/390 Messages, Codes, and Diagnosis	GA22-7770

3.0 Program Support

This section describes the IBM support available for ASF.

3.1 Program Services

Contact your IBM representative for specific information about available program services.

3.2 Preventive Service Planning

Before installing ASF, you should review the current Preventive Service Planning (PSP) information.

If you obtained ASF as part of a CBPDO, there is HOLDDATA and PSP information included on the CBPDO.

If you obtained ASF on a product tape, or if the CBPDO is more than two weeks old when you install it, you should contact the IBM Support Center or use S/390 SoftwareXcel to obtain the current "PSP Bucket".

For access to RETAIN, visit the following Web site: www.ibmlink.ibm.com/

PSP Buckets are identified by UPGRADEs, which specify product levels, and SUBSETs, which specify the FMIDs for a product level. The UPGRADE and SUBSET values for ASF are:

The most current edition of this Program Directory is available on the following Web site:
http://www-306.ibm.com/software/applications/office/asf/library.html

UPGRADE	SUBSET	Description
Figure 8 (Page 1 of 2). PSP Upgrade and Subset ID		
ASF330	HSF1300	ASF Base V3R3.0
ASF330	JSF1303	ASF German
ASF330	JSF1304	ASF French
ASF330	JSF1305	ASF Dutch
ASF330	JSF1306	ASF Spanish
ASF330	JSF1307	ASF Danish
ASF330	JSF1310	DC ASF Static files
ASF330	JSF1311	DC ASF Jars
ASF330	JSF1312	DC ASF Listener
ASF330	JSF1313	DC ASF Spellcheck

UPGRADE	SUBSET	Description
ASF330	JSF1314	DC ASF Dictionaries
ASF330	JSF1315	DC ASF Config files
ASF330	JSF1316	DC ASF Editor
ASF330	JSF1317	DC ASF NLS
ASF330	JSF1318	DC ASF AFP Viewer
ASF330	JSF1319	DC ASF Help
ASF330	JSF1320	DC ASF IMS Conn.file

Figure 8 (Page 2 of 2). PSP Upgrade and Subset ID

3.3 Statement of Support Procedures

Report any difficulties you have using this program to your IBM Support Center. If an APAR is required, the Support Center will provide the address to which any needed documentation can be sent.

Figure 9 identifies the component IDs (COMPID) for ASF.

FMID	COMPID	Component Name	RETAIN Release
HSF1300	565500200	ASF for z/OS V3R3.0 BASE	300
JSF1303	565500200	ASF German	303
JSF1304	565500200	ASF French	304
JSF1305	565500200	ASF Dutch	305
JSF1306	565500200	ASF Spanish	306
JSF1307	565500200	ASF Danish	307
JSF1310	565500200	DC ASF static files	310
JSF1311	565500200	DC ASF Jars	311
JSF1312	565500200	DC ASF Listener	312
JSF1313	565500200	DC ASF Spellcheck	313
JSF1314	565500200	DC ASF Dictionaries	314
JSF1315	565500200	DC ASF Config files	315
JSF1316	565500200	DC ASF Editor	316
JSF1317	565500200	DC ASF NLS	317
JSF1318	565500200	DC ASF AFP Viewer	318

Figure 9 (Page 1 of 2). Component IDs

Figure 9 (Page 2 of 2). Component IDs			
FMID	COMPID	Component Name	RETAIN Release
JSF1319	565500200	DC ASF Help	319
JSF1320	565500200	DC ASF IMS Conn.file	320

4.0 Program and Service Level Information

This section identifies the program and any relevant service levels of ASF. The program level refers to the APAR fixes incorporated into the program. The service level refers to the PTFs integrated.

4.1 Program Level Information

No APARs have been incorporated into ASF.

4.2 Service Level Information

No PTFs against this release of ASF have been incorporated into the product tape.

5.0 Installation Requirements and Considerations

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

- *Driving system*: the system used to install the program.

- *Target system*: the system on which the program is installed.

In many cases, the same system can be used as both a driving system and a target system. However, you may want to set up a clone of your system to use as a target system by making a separate IPL-able copy of the running system. The clone should include copies of all system libraries that SMP/E updates, copies of the SMP/E CSI data sets that describe the system libraries, and your PARMLIB and PROCLIB.

Some cases where two systems should be used include the following:

- When installing a new level of a product that is already installed, the new product will delete the old one. By installing onto a separate target system, you can test the new product while still keeping the old one in production.

- When installing a product that shares libraries or load modules with other products, the installation can disrupt the other products. Installing onto a test system or clone will allow you to assess these impacts without disrupting your production system.

5.1 Driving System Requirements

This section describes the environment of the driving system required to install ASF.

5.1.1 Machine Requirements

The driving system can run in any hardware environment that supports the required software.

5.1.2 Programming Requirements

Figure 10. Driving System Software Requirements	
Program Number	**Product Name and Minimum VRM/Service Level**
Any **one** of the following:	
5647-A01	OS/390 Version 2 Release 10
5694-A01	z/OS Version 1 Release 1 or higher
5655-G44	IBM SMP/E for z/OS and OS/390 Version 3 Release 1 or higher

ASF invokes UNIX shell scripts during installation. These shell scripts require OS/390 Version 2.10.

5.2 Target System Requirements

This section describes the environment of the target system required to install and use ASF.

ASF installs in the z/OS (Z038) SREL.

5.2.1 Machine Requirements

The target system can run in any hardware environment that supports the required software.

5.2.2 Programming Requirements

5.2.2.1 Mandatory Requisites

A mandatory requisite is defined as a product that is required without exception; this product either **will not install** or **will not function** unless this requisite is met. This includes products that are specified as REQs or PREs.

Program Number	Product Name and Minimum VRM/Service Level
Figure 11. Mandatory Requisites	

5748-XX9	Document Composition Facility V1 R4
	The following FMIDs have to be installed:
	- HSR1401 the common base code
	- JSR1411 the CICS feature
	  Note: This feature is also required for **ASF under IMS.**
	with at least the following PTFS and APARs applied:
	  - PTF UN15120 (APAR PN12161)
	  - PTF UN58443 (APARs PN27883 and PN39828)
	  - PTF UN79261 (APAR PN71567)
	  - PTF UN87763 (APAR PN76775)
	  - PTF UN89989 (APAR PN83692)

Any **one** of the following:	
5647-A01	IBM OS/390 V2.10
5694-A01	z/OS V1 R1 or later
Any **one** of the following:	
5655-B01	IMS V7
5655-C56	IMS V8 or higher
5655-147	CICS Transaction Server for OS/390 V1 R3
5697-E93	CICS Transaction Server for z/OS V2 R1 or higher

5.2.2.2 Functional Requisites

A functional requisite is defined as a product that is **not** required for the successful installation of this product or for the basic function of the product, but **is** needed at run time for a specific function of this product to work. This includes products that are specified as IF REQs.

Program Number	Product Name and Minimum VRM/Service Level	Function
Figure 12. Functional Requisites		
Any **one** of the following:		
5688-235	IBM PL/I for MVS and VM R1.1	Modify Application Support Facility PL/I exits
5655-H31	Enterprise PL/I for z/OS Version 3	Modify Application Support Facility PL/I exits
Any **one** of the following:		
5645-DB2	DB2 UDB Server for OS/390 Version 6	Optional platform for vital ASF-databases and functions like continuous formatting, versioning, release-control
5675-DB2	DB2 UDB Server for z/OS and OS/390 Version 7	Optional platform for vital ASF-databases and functions like continuous formatting, versioning, release-control
Any **one** of the following if feature **Document Connect for ASF** is installed:		
5655-F31	WebSphere Application Server for z/OS and OS/390 V4.0.1	Servlet engine and http-server
5655-I35	WebSphere Application Server for z/OS and OS/390 V5.0	Servlet engine and http-server
Any **one** of the following if feature **Document Connect for ASF** is installed:		
5655-F10	MQSeries for OS/390 V5 R2 with Fixpack MA88 or Websphere MQ for z/OS V5 R3	Establish connection to host
5655-E51	IMS Connect for OS/390 V1 R1	Establish connection to host
5655-E51	IMS Connect for z/OS V1 R2	Establish connection to host
29P4342	CICS Transaction Gateway V4	Establish connection to host
D5D8-MLL	CICS Transaction Gateway V5	Establish connection to host

5.2.2.3 Toleration/Coexistence Requisites

A toleration/coexistence requisite is defined as a product which must be present on a sharing system. These systems can be other systems in a multisystem environment (not necessarily sysplex), a shared DASD environment (such as test and production), or systems that reuse the same DASD at different time intervals.

ASF has no toleration/coexistence requisites.

5.2.2.4 Incompatibility (Negative) Requisites

A negative requisite identifies products which must *not* be installed on the same system as this product.

ASF has no negative requisites.

5.2.3 DASD Storage Requirements

ASF libraries can reside on all supported DASD types.

Figure 13 lists the total space required for each type of library.

Figure 13. Total DASD Space Required by ASF	
Library Type	**Total Space Required (3390 tracks)**
Target	1100
Distribution	720
HFS	1500

Notes:

1. IBM recommends use of system determined block sizes for efficient DASD utilization for all non-RECFM U data sets. For RECFM U data sets, IBM recommends a block size of 32760, which is the most efficient from a performance and DASD utilization perspective.

2. Abbreviations used for the data set type are:

   U   Unique data set, allocated by this product and used only by this product. To determine the correct storage needed for this data set, this table provides all required information; no other tables (or program directories) need to be referenced for the data set size.

   S   Shared data set, allocated by this product and used by this product and others. To determine the correct storage needed for this data set, the storage size given in this table needs to be added to other tables (perhaps in other program directories). If the data set already exists, it must have enough free space to accommodate the storage size given in this table.

   E   Existing shared data set, used by this product and others. This data set is NOT allocated by this product. To determine the correct storage needed for this data set, the storage size given in this table needs to be added to other tables (perhaps in other program directories). This existing data set must have enough free space to accommodate the storage size given in this table.

   If you currently have a previous release of this product installed in these libraries, the installation of this release will delete the old one and reclaim the space used by the old release and any service that had been installed. You can determine whether or not these libraries have enough space by deleting

the old release with a dummy function, compressing the libraries, and comparing the space requirements with the free space in the libraries.

For more information on the names and sizes of the required data sets, please refer to 6.1.6, "Allocate SMP/E Target and Distribution Libraries and Paths" on page 23.

3. Abbreviations used for the HFS Path type are:

N New path, created by this product.
X Path created by this product, but may already exist from a previous release.
P Previously existing path, created by another product.

4. All target and distribution libraries listed have the following attributes:

- The default name of the data set may be changed
- The default block size of the data set may be changed
- The data set may be merged with another data set that has equivalent characteristics
- The data set may be either a PDS or a PDSE

5. All target libraries listed have the following attributes:

- The data set may be SMS managed
- It is not required for the data set to be SMS managed
- It is not required for the data set to reside on the IPL volume
- The values in the "Member Type" column are not necessarily the actual SMP/E element types identified in the SMPMCS.

6. All target libraries listed which contain load modules have the following attributes:

- The data set may be in the LPA
- It is not required for the data set to be in the LPA
- The data set may be in the LNKLST
- It is not required for the data set to be APF authorized

The following table provides an estimate of the storage needed in SMP/E data sets for ASF. The estimates must be added to those any other programs and service being installed to determine the total additional storage requirements.

If the table indicates that the SMPLTS data set must be a PDSE, but your existing SMPLTS is a PDS, you will need to allocate a new PDSE and copy your existing SMPLTS into it, and then change the SMPLTS DDDEF entry to indicate the new PDSE data set.

Figure 14 (Page 1 of 2). Storage Requirements for SMP/E Data Sets						
Library DDNAME	T Y P E	O R G	R E C F M	L R E C L	No. of 3390 Trks	No. of DIR Blks
SMPLTS	E	PDS	U	0	900	40

Figure 14 (Page 2 of 2). Storage Requirements for SMP/E Data Sets						
Library DDNAME	T Y P E	O R G	R E C F M	L R E C L	No. of 3390 Trks	No. of DIR Blks
SMPMTS	E	PDS	FB	80	80	5
SMPPTS	E	PDS	FB	80	10	10
SMPSCDS	E	PDS	FB	80	5	10
SMPSTS	E	PDS	FB	80	5	10

The following figures describe the target and distribution libraries and HFS paths required to install ASF. The storage requirements of ASF must be added to the storage required by other programs having data in the same library or path.

Note: The data in these tables should be used when determining which libraries can be merged into common data sets. In addition, since some ALIAS names may not be unique, ensure that no naming conflicts will be introduced before merging libraries.

Figure 15. Storage Requirements for ASF Target Libraries								
Library DDNAME	Member Type	Target Volume	T Y P E	O R G	R E C F M	L R E C L	No. of 3390 Trks	No. of DIR Blks
SFSNDAT0	Data	ANY	U	PDS	VB	8188	350	5
SFSNDBRM	Macro	ANY	U	PDS	FB	80	20	1
SFSNDCF	Macro	ANY	U	PDS	FB	80	10	5
SFSNLOD0	LMOD	ANY	U	PDS	U	0	500	40
SFSNMAC0	Macro	ANY	U	PDS	FB	80	20	1
SFSNSRC0	Sample	ANY	U	PDS	FB	80	130	10
SFSNSTUB	LMOD	ANY	U	PDS	U	0	1	1
SFSNSUP0	Macro	ANY	U	PDS	FB	80	60	10

Figure 16. ASF HFS Paths		
DDNAME	T Y P E	Path Name
SFSNHFS	N	/usr/lpp/fsn/V3R3M0/IBM

Library DDNAME	T Y P E	O R G	R E C F M	L R E C L	No. of 3390 Trks	No. of DIR Blks
AFSNDAT0	U	PDS	VB	8188	300	13
AFSNDBRM	U	PDS	FB	80	20	1
AFSNDCF	U	PDS	FB	80	10	5
AFSNHFS	U	PDS	VB	255	1000	1
AFSNMAC0	U	PDS	FB	80	10	1
AFSNMOD0	U	PDS	U	0	200	60
AFSNSRC0	U	PDS	FB	80	120	10
AFSNSTUB	U	PDS	U	0	2	1
AFSNSUP0	U	PDS	FB	80	60	10

Figure 17. Storage Requirements for ASF Distribution Libraries

The following figures list data sets that are not used by SMP/E, but are required for ASF to execute.

Data Set Name	T Y P E	O R G	R E C F M	L R E C L	No. of 3390 Trks	No. of DIR Blks
FSN.ASFV3R3.SRCELIB	U	PDS	FB	80	80	30
FSN.ASFV3R3.JCLLIB	U	PDS	FB	80	30	30

Figure 18. Storage Requirements for ASF Non-SMP/E Data Sets

5.3 FMIDs Deleted

Installing ASF may result in the deletion of other FMIDs. To see what FMIDs will be deleted, examine the ++VER statement in the product's SMPMCS.

If you do not wish to delete these FMIDs at this time, you must install ASF into separate SMP/E target and distribution zones.

Note: These FMIDs will not automatically be deleted from the Global Zone. Consult the SMP/E manuals for instructions on how to do this.

5.4 Special Considerations

ASF has no special considerations for the target system.

6.0 Installation Instructions

This chapter describes the installation method and the step-by-step procedures to install and to activate the functions of ASF.

Please note the following:

- If you want to install ASF into its own SMP/E environment, consult the SMP/E manuals for instructions on creating and initializing the SMPCSI and the SMP/E control data sets.

- Sample jobs have been provided to help perform some or all of the installation tasks. The SMP/E jobs assume that all DDDEF entries required for SMP/E execution have been defined in the appropriate zones.

- The SMP/E dialogs may be used instead of the sample jobs to accomplish the SMP/E installation steps.

6.1 Installing ASF

6.1.1 SMP/E Considerations for Installing ASF

This release of ASF is installed using the SMP/E RECEIVE, APPLY, and ACCEPT commands. The SMP/E dialogs may be used to accomplish the SMP/E installation steps.

6.1.2 SMP/E Options Subentry Values

The recommended values for some SMP/E CSI subentries are shown in Figure 19. Use of values lower than these may result in failures in the installation process. DSSPACE is a subentry in the GLOBAL options entry. PEMAX is a subentry of the GENERAL entry in the GLOBAL options entry. Refer to the SMP/E manuals for instructions on updating the global zone.

SUB-ENTRY	Value	Comment
DSSPACE	(150,1,60) TRKs	size of largest relfile if installing Document Connect Feature for ASF
DSSPACE	(150,1,1) TRKs	size of largest relfile if not installing Document Connect Feature for ASF
PEMAX	SMP/E Default	IBM recommends using the SMP/E default for PEMAX.

Figure 19. SMP/E Options Subentry Values

6.1.3 SMP/E CALLLIBS Processing

ASF uses the CALLLIBS function provided in SMP/E to resolve external references during installation. When ASF is installed, ensure that DDDEFs exist for the following libraries:

- SCEELKED
- CSSLIB
- SDFHLOAD (for CICS)
- RESLIB   (for IMS)
- SDSNLOAD (for DB2)

Note: The DDDEFs above are used to resolve the link-edit for ASF using CALLLIBS. These data sets are not updated during the installation of ASF. RESLIB, SDFHLOAD and SDSNLOAD are related to functional requisite products.

If CICS, IMS, or DB2 are installed the DDDEFs for those products point to the real target libraries. Otherwise, if any of the products are not installed, the DDDEFs of the target libraries point to the stub library with the default dataset-name **FSN.ASFV3R3.SFSNSTUB**.

- SDFHLOAD => DATASET(FSN.ASFV3R3.SFSNSTUB)
- RESLIB   => DATASET(FSN.ASFV3R3.SFSNSTUB)
- SDSNLOAD => DATASET(FSN.ASFV3R3.SFSNSTUB)

6.1.4 Sample Jobs

The following sample installation jobs are provided as part of the product to help you install ASF:

Figure 20. Sample Installation Jobs			
Job Name	**Job Type**	**Description**	**RELFILE**
FSNCSIAL	SMP/E	Sample job to allocate SMP/E datasets and Global CSI. This is an optional sample job for system-administrators.	IBM.HSF1300.F1
FSNCSIIN	SMP/E	Sample job to initialize Global CSI	IBM.HSF1300.F1
FSNRCVE	RECEIVE	Sample RECEIVE job	IBM.HSF1300.F1
FSNALLOC	ALLOCATE	Sample job to allocate target and distribution libraries	IBM.HSF1300.F1
FSNISMKD	MKDIR	Sample job to invoke the supplied FSNMKDIR EXEC to allocate HFS paths	IBM.HSF1300.F1
FSNDDDEF	DDDEF	Sample job to define SMP/E DDDEFs	IBM.HSF1300.F1
FSNAPPLY	APPLY	Sample APPLY job	IBM.HSF1300.F1
FSNACEPT	ACCEPT	Sample ACCEPT job	IBM.HSF1300.F1

Copy the jobs from the tape or product files by submitting the job below. Use either the //TAPEIN or the //FILEIN DD statement, depending on your distribution medium, and comment out or delete the other

statement. Add a job card and change the lowercase parameters to uppercase values to meet your site's requirements before submitting.

FSN.ASFV3R3 is the recommended HLQ for the JCLLIB. This HLQ is also the default specified in sample job FSNALLOC. It is mandatory to use the same HLQ also in the post-installation process (parameters FSNHLQ and VSMHLQ in FSNASPA0).

```
//STEP1    EXEC PGM=IEBCOPY
//SYSPRINT DD SYSOUT=*
//TAPEIN   DD DSN=IBM.HSF1300.F1,UNIT=tunit,VOL=SER=SF1300,
//         LABEL=(2,SL),DISP=(OLD,KEEP)
//FILEIN   DD DSN=IBM.HSF1300.F1,UNIT=SYSALLDA,DISP=SHR,
//         VOL=SER=filevol
//OUT      DD DSNAME=FSN.ASFV3R3.JCLLIB,
//         DISP=(NEW,CATLG,DELETE),
//         VOL=SER=dasdvol,UNIT=SYSALLDA,
//         DCB=*.STEP1.xxxxIN,
//         SPACE=(TRK,(30,10,30))
//SYSUT3   DD UNIT=SYSALLDA,SPACE=(CYL,(1,1))
//SYSIN    DD *
    COPY INDD=xxxxIN,OUTDD=OUT
    SELECT MEMBER=FSNACEPT
    SELECT MEMBER=FSNALLOC
    SELECT MEMBER=FSNAPPLY
    SELECT MEMBER=FSNCSIAL
    SELECT MEMBER=FSNCSIIN
    SELECT MEMBER=FSNDDDEF
    SELECT MEMBER=FSNISMKD
    SELECT MEMBER=FSNMKDIR
    SELECT MEMBER=FSNRCVE
    SELECT MEMBER=FSNASPA0
    SELECT MEMBER=FSNASJB0
    SELECT MEMBER=FSNENV01
    SELECT MEMBER=FSNENV02
    SELECT MEMBER=FSNASSTA
    SELECT MEMBER=FSNDB2AD
/*
```

where **tunit** is the unit value matching the product tape, **filevol** is the volume serial of the DASD device where the downloaded files reside, **FSN.ASFV3R3.JCLLIB** is the name of the output data set where the sample jobs will be stored, **dasdvol** is the volume serial of the DASD device where the output data set will reside, and **xxxxIN** is either TAPEIN or FILEIN depending on your input DD statement.

You can also access the sample installation jobs by performing an SMP/E RECEIVE and then copying the jobs from the SMPTLIBs to a work data set for editing and submission. See Figure 20 on page 21 to find the appropriate SMPTLIB data set.

6.1.5 Perform SMP/E RECEIVE

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

NOTE: If you obtained ASF as part of a CBPDO, you can use the RCVPDO job found in the CBPDO RIMLIB data set to RECEIVE the ASF FMIDs as well as any service, HOLDDATA, or preventive service planning (PSP) information included on the CBPDO tape. For more information, refer to the documentation included with the CBPDO.

Expected Return Codes and Messages:

RC = 0

6.1.6 Allocate SMP/E Target and Distribution Libraries and Paths

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

Expected Return Codes and Messages:

RC = 0

6.1.7 Allocate HFS paths by running EXEC FSNMKDIR

Edit and submit sample job FSNISMKD to allocate the HFS paths for ASF. Consult the instructions in the sample job for more information.

If you plan to create a new HFS for this product, you should consider updating the BPXPRMxx PARMLIB member to mount the new HFS at IPL time. This may be helpful if an IPL occurs before the installation is complete.

Expected Return Codes and Messages:

RC = 0

6.1.8 Create DDDEF Entries

Edit and submit sample job FSNDDDEF to create DDDEF entries for the instructions in the sample job for more information.

Expected Return Codes and Messages:

RC = 0

6.1.9 Perform SMP/E APPLY

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

To receive the full benefit of the SMP/E Causer SYSMOD Summary Report, do *not* bypass the following on the APPLY CHECK: PRE, ID, REQ, and IFREQ. This is because the SMP/E root cause analysis identifies the cause only of **ERRORS** and not of **WARNINGS** (SYSMODs that are bypassed are treated as warnings, not errors, by SMP/E).

Once you have taken any actions indicated by the APPLY CHECK, remove the CHECK operand and run the job again to perform the APPLY.

Note: The GROUPEXTEND operand indicates that SMP/E apply all requisite SYSMODs. The requisite SYSMODS might be applicable to other functions.

Expected Return Codes and Messages from APPLY CHECK:

RC = 0

Expected Return Codes and Messages from APPLY:

RC = 4

```
GIM23903W LINK-Edit Processing .....
GIM23913W LINK-Edit Processing .....
IEW2416W  Section .....
IEW2480W  Ext. Symbol DSN....
IEW2482W  The original Def. was in .....
IEW2646W  ESD RMODE(24) ......
IEW2651W  ESD AMODE(24) ......
IEW2609W  SECTION .......
IEW2454W  SYMBOL ........
```

6.1.10 Perform SMP/E ACCEPT

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

To receive the full benefit of the SMP/E Causer SYSMOD Summary Report, do *not* bypass the following on the ACCEPT CHECK: PRE, ID, REQ, and IFREQ. This is because the SMP/E root cause analysis identifies the cause only of **ERRORS** and not of **WARNINGS** (SYSMODs that are bypassed are treated as warnings, not errors, by SMP/E).

Before using SMP/E to load new distribution libraries, it is recommended that you set the ACCJCLIN indicator in the distribution zone. This will cause entries produced from JCLIN to be saved in the

distribution zone whenever a SYSMOD containing inline JCLIN is ACCEPTed. For more information on the ACCJCLIN indicator, see the description of inline JCLIN in the SMP/E manuals.

Once you have taken any actions indicated by the ACCEPT CHECK, remove the CHECK operand and run the job again to perform the ACCEPT.

Note: The GROUPEXTEND operand indicates that SMP/E accept all requisite SYSMODs. The requisite SYSMODS might be applicable to other functions.

Expected Return Codes and Messages from ACCEPT CHECK:

RC = 0

Expected Return Codes and Messages from ACCEPT:

RC = 0

If PTFs containing replacement modules are being ACCEPTed, SMP/E ACCEPT processing will linkedit/bind the modules into the distribution libraries. During this processing, the Linkage Editor or Binder may issue messages documenting unresolved external references, resulting in a return code of 4 from the ACCEPT step. These messages can be ignored, because the distribution libraries are not executable and the unresolved external references will not affect the executable system libraries.

6.1.11 Cleaning Up Obsolete Data Sets, Paths, and DDDEFs

The following data sets, allocated and used by previous releases of this product, are no longer used in this release. You may choose to delete these obsolete data sets after you delete the previous release from your system.

The following HFS paths, created and used by previous releases of this product, are no longer used in this release. You may choose to delete these obsolete HFS paths after you delete the previous release from your system.

The following DDDEF entries, created and used by previous releases of this product, are no longer used in this release. You may choose to delete these obsolete DDDEF entries after you delete the previous release from your system.

6.2 Activating the ASF-feature Document Connect for ASF

The publication *Administration Guide, SH12-6734* contains the step-by-step procedures to activate the functions of the ASF-feature *Document Connect for ASF*

Refer to chapter 13, *System setup and configuration* and chapter 14, *Customization for the Web client*.

Appendix A. Post Installation instructions

A.1 General remarks to installation of ASF

The following post installation instructions are part of the Installation Verification Process (IVP) to verify successful installation of ASF considering the different z/OS environments
 (IMS, CICS and DB2).

The installation process of **ASF** is split into the following major phases:

Phase 0: preparation

- Fill in the worksheets with the information you need for your installation.

Phase 1: SMP/E installation

It is assumed that this step has been finished at this point of time.

Phase 2: Product follow-on installation

This phase comprises all the tasks necessary to build a running ASF system including all components required and adapted to customers needs. Phase 2 installation can not be started until the SMP/E installation has run successfully.

The details for phase 2 installation are described later in this Program Directory.

Phase 3: Setup for optional feature Document Connect for ASF

The details for phase 3 setting up Document Connect for ASF are described later in this Program Directory.

Phase 4: Installation verification

This step is performed to verify that the installation has run successfully.

Note: All installation phases can run independent from each other. There is no need to run phase 2 together with phase 1, but phase 1 is prerequisite for any phase 2 or later activities.

A.2 The ASF post installation process

In order to simplify the post installation process a set of jobs and skeletons is made available on the product tape for ASF.

Those parts which contain customization information are unloaded from the distribution tape to data set **FSN.ASFV3R3.JCLLIB** using a IEBCOPY job.

High-level Qualifier "FSN.ASFV3R3"

Whenever you find the data set high-level qualifier "FSN.ASFV3R3" in this document this is the IBM suggested qualifier for your ASF data sets (VSAM and non-VSAM).

Ensure that the High Level Qualifier is identical in SMP/E Job FSNALLOC and in customization member FSNASPA0 (parameter FSNHLQ). This is mandatory for successful job generation.

The ASF installation assist process consists of:

* One job member for starting the job customization.   :
  - **FSNASJB0**

* One REXX EXEC that is called by FSNASJB0   :
  - **FSNASRX0**

* Parameter files containing your installation parameters. Those parameter files are used during follow-on installation:
  - **FSNASPA0**
  - **FSNENV01**
  - **FSNENV02**

     Note: FSNENVxx parts are optional and only applicable if INSTDB is set to YES.

  RC = 0
* One member   :
  - **FSNASSTA**

After completion of the SMP/E installation process the parameter files and the job-member need to be modified and then job **FSNASJB0** submitted for execution. For doing these modifications refer to the instructions in the job header.

The customization process first checks all parameters for validity and consistency. If this checking was successful a complete set of post-installation jobs is generated and written to output dataset FSN.ASFV3R3.JCLLIB.

In addition a protocol showing all parameters specified and - if found - error and warning messages is stored in member FSNFPR0 in dataset FSN.ASFV3R3.JCLLIB.

A.3 PHASE 0: Preparation of the installation

1. Fill in the installation worksheet as described in chapter A.8, "How to fill the installation worksheet" on page 40.

   See Appendix F, "Installation worksheet" on page 82 for the worksheet.

A.4 PHASE 2: Product follow-on installation instructions

Step 2a:

1. Update parameter file FSNASPA0 and job member FSNASJB0 in dataset FSN.ASFV3R3.JCLLIB. Use the values you supplied in the installation worksheet: each entry in the worksheet corresponds to a parameter definition line in the parameter file.

Syntax rules for the parameter file

Note the following rules when filling in the parameter file:

- Use uppercase characters.
- Make sure to have balanced pairs of double quotes when specifying values.
- Add a semicolon after the value.
- You can insert comment lines, which must start with: /*
- You can put comments in a parameter line AFTER the semicolon.
- Do not delete any parameter lines.

Please notice that specifying INSTDB2=YES requires specification of additional DB2-specific parameters in members FSNENV01 to FSNENVxx. Each ASF-environment with definitions corresponding to DB2 resources requires a unique FSNENVxx member. FSNENV01 and FSNENV02 are delivered as sample environment members. Please notice that the suffixes for additional environment members have to be in ascending order.

The following "logical" parts are available for Post Installation:

Installable part	Activating parameter	FMID
ASF base functions CICS	INSTCICS=YES	HSF1300
ASF base functions IMS	INSTIMS=YES	HSF1300
DB2 support	INSTDB2=YES	HSF1300
Prepare Batch for COBOL PDPs	INSTCOB=YES	HSF1300
National language ENU	INSTENU=YES	HSF1300
National language DEU	INSTDEU=YES	JSF1303
National language FRA	INSTFRA=YES	JSF1304
National language NLD	INSTNLD=YES	JSF1305
National language ESP	INSTESP=YES	JSF1306
National language DAN	INSTDAN=YES	JSF1307

Figure 21. Installable parts and FMIDs

You can choose to first do a "dry run" by selecting the **DRYRUN=YES** option in FSNASPA0. This gives the option to only perform parameter checking without generating the customized installation jobs. The result of the parameter checking is available in member FSNFPR0 in dataset FSN.ASFV3R3.JCLLIB. Use the protocol to verify your parameters chosen.

2. Submit job FSNASJB0.

   Note: After job submission please free-up FSN.ASFV3R3.JCLLIB because library
   FSN.ASFV3R3.JCLLIB. is allocated with DISP=OLD in job FSNASJB0.

   After job completion the following output should be available:

   • A protocol for the post installation in dataset FSN.ASFV3R3.JCLLIB member(FSNFPR0) including
     the list of jobs and other information available for further processing.

   • The generated ready-to-run jobs you need to finish the installation of the selected "logical" parts
     for post-installation.

   • Additional installation parts you need to complete your installation (for example, CICS tables, IMS
     stage 1 input).

   • Utility execution jobs required for execution after the installation is complete.

   Note: Jobs, installation parts and sample utility jobs are only generated when parameter DRYRUN is
   set to NO.

   Check the job for successful completion by verifying the completion code which should be 0.

   Check the job output listing for any error messages which may have occured due to syntactically
   incorrect specified parameters in file FSNASPA0.

3. Check the customization protocol:

   Refer to member FSNFPR0 in dataset FSN.ASFV3R3.JCLLIB for verification of the specified
   parameter values. Evaluate any error and warning messages at the bottom of the protocol:

   If errors were detected during parameter checking, no installation jobs have been generated. You will
   first have to correct the problem(s) and then resubmit job FSNASJB0.

If you did a dry run, change parameter DRYRUN to NO and rerun job FSNASJB0 to generate the
installation jobs.

Note: After job generation (DRYRUN = NO), it might be necessary to generate the jobs again because
one or more parameters in parameter file FSNASPA0 have not been set to the correct value.

Step 2b:

1. Run the generated jobs from dataset FSN.ASFV3R3.JCLLIB to complete your installation.

   Note: The sequence for job submission is listed in protocol FSNFPR0.

   Submit the jobs one by one and check the return code of the executed job **before** submitting the next
   job. This approach is necessary because some of the jobs require the successful completion of the
   previous jobs.

   Note: All jobs should finish with a completion code of 0.

> **Takeover of tailoring settings from ASF V3R2.**
>
> Before running the applicable jobs to assemble the base tailoring, environment tailoring, language tailoring, terminal tailoring or tailoring for utility FSNBTCH make sure to take over the applicable tailoring settings from ASF V3R2.

2. Take the generated additional installation parts and perform the described action for each of them.

   Note: A list of these parts is available in protocol FSNFPR0.

A.5 PHASE 3: Setup for Document Connect for ASF

The complete process for customizing and setting up for Document Connect for ASF is described in chapter 13 of the ASF Version 3 Release 3 Administration Guide, SH12-6734

This chapter is available in member FSNCPENU in library AFSNDAT0 as PDF-file.

A.6 PHASE 4: Installation Verification

If you verify the installation in a language other than US English, you have to specify the corresponding national language command. The messages as described in the following will then appear in the appropriate language.

A.6.1 Verify installation of ASF - Host Functions

A.6.1.1 Verify Base functions (IMS and CICS)

1. Type transaction code **FSN0** in native CICS or in native IMS and press **ENTER**.

   • Result: The Sign-on panel is displayed. The language of the panel is the language you have specified during post installation for parameter SESLNG0 in parameter file FSNASPA0 on JCLLIB and in member FSNT000C (CICS) or in member FSNT000I (IMS) in library SRCELIBE.

2. Type user ID **xxxADM** and password **xxxADM** (where xxx reflects the language you selected) and press **ENTER**.

   • Result: The main menu xxxSMADM of user xxxADM is displayed.

3. Type **3** and press **ENTER**.

   • Result: The "List User Profiles" panel xxxSLUPL is displayed.

4. Type **xxxADM** in field "Generic Item Name" and press **ENTER**.

   • Result: The "List of user IDs" panel xxxSLUPL is displayed.

5. Type **PWD** in field "Act" and press **ENTER**.

   • Result: The "Change Sign-on Password" panel is displayed.

6. Type a new password for **xxxADM** in field "New password" and in field "Confirm password" and press **ENTER**.

   • Result: The "List of user IDs" panel xxxSLUPL is displayed showing message "FSN1605I Password successfully updated."

7. Press F-key **Cancel** three times.

   • Result: The message "FSN101I Session terminated" is displayed.

A.6.1.2 Verify Document Composition functions

1. Repeat step 1 and step 2 (sign on again) with the new password for user xxxADM.

   • Result: The main menu xxxSMADM of user xxxADM is displayed.

2. Type **xxxSDC** on the command line and press **ENTER**.

   • Result: The Document Composition panel is displayed.

3. Select option **3** *Individual Letter* on the Document Composition panel and press **ENTER**.

- Result: The "Write a Standard Document With Individual Text" panel is displayed.

4. Type **1 2 3** on the Selection line and press **ENTER**.

   - Result: The "Individual-Text Processing" panel is displayed.

5. Type some individual text on the displayed panel and press the F-key **Exit**.

   - Result: The "Write a Standard Document With Individual Text" panel is displayed.

6. Press the F-key **Endsel**. If you cannot find F-key **Endsel** you can get help by pressing F-key **More F-keys** to have extended F-keys displayed.

   - Result: The "You are prompted to enter specific data related to the document you are processing."

7. Fill in the necessary data and press **ENTER**.

   - Result: The Document Composition Termination panel is displayed.

8. On the Document Composition Termination panel select Action **3** Preview and press **ENTER**.

   - Result: The sample document is displayed.

9. Press F-key **Cancel**.

   - Result:The Document Composition Termination panel is redisplayed.

10. Press F-key **Cancel** twice.

    - Result:The Document Composition panel is redisplayed.

11. Press F-key **Cancel**.

    - Result:The main menu for the administrator XXXSMADM is redisplayed.

A.6.1.3 Verify installation of a national language

Note: This step is only applicable if more than one language is installed.

1. Type user ID **xxxADM** and password **xxxADM** (where xxx is your base language) and press **ENTER**.

   - Result: The main menu xxxSMADM of user xxxADM is displayed.

2. Type **xxxLMF9** on the command line and Press **ENTER**.

   - Result: The "User Profile Maintenance" panel is displayed.

3. Overtype in the User ID field **xxxADM** (your User ID of the previous step), mark session control settings with an **X**, and press **ENTER**.

   - Result: The "Session Control Settings" panel is displayed.

4. Type in the session language field the language ID of your alternate language and press F-key **Exit**.

   - Result: The "User Profile Maintenance" panel is redisplayed with message "FSN320I Item ENUADM has been modified."

5. Press F-key **Cancel** twice.

   - Result: The message "FSN101I Session terminated" is displayed.

6. Log on again with **xxxADM** by repeating step 1 and step 2.

   - Result: The main menu xxxSMADM of user xxxADM and the F-keys are now displayed in the selected language.

   - Note: You can use your alternate transaction code for the selected language as defined in base tailoring (FSNT000C or FSNT000I) to get the sign-on panel also in this language.

7. Press F-key **Cancel** to logoff from the system.

   - Result: The message "FSN101I Session terminated" for the selected language is displayed.

A.6.2 Verify installation of feature Document Connect for ASF

A.6.2.1 Verify Login Function

1. Start Browser by entering **http://hostname/web-application-name**

   Note: web-application-name is the name of the application as defined by the administrator.

   - Result: The Login-panel is displayed. The language of the panel is the language which has been defined during system setup.

2. Enter user ID **xxxADM** and password **xxxADM** in the appropriate fields of the Browser window. Change field Hostname if the system-name displayed as default is not correct, then click on **LOGIN-Button**

   xxx reflects the language you selected   ..

   - Result: The main menu for the administrator of user xxxADM is displayed (xxxSMADM).

3. Verify this by moving the cursor to the Help Icon on the menu-bar

   - Result: The help menu is displayed

4. In the help-menu select the entry **Show item IDs**

   - Result: The item-names are displayed in parenthesis for each item on the main menu.

A.6.2.2 Verify Document Composition functions

1. Move the cursor within the work area and **press** the right mouse button.

   - Result: The context menu is displayed showing the entries Properties, Help and Command line

2. Move the cursor to the entry Command line which now changes the colour to blue (gets emphasis).

   Press the right mouse button.

   - Result: The **Command line - Web Page Dialog** window is displayed.

3. Enter **xxx DC** in the input field and click the **OK-Button**.

   - Result: The "Document Composition" menu is displayed.

4. Select the first sub-entry by moving the cursor to the entry called **Invitation to Interview** and double-click the left mouse button.

   - Result: The "Invitation to Interview " paragraph-selection tree is displayed with some of the paragraphs selected.

5. On the button bar select **Finish selection**.

   - Result: The parameter prompting window is displayed.

6. Fill in the necessary data and select **Finish prompting** on the button bar.

   - Result: The Document Composition Termination window is displayed.

7. On the Document Composition Termination window select **Preview**.

- Result: The sample document is displayed in a separate window.

8. **Close** the window showing the sample document.

   - Result: The Document Composition Termination window is redisplayed.

9. Click the **Close** on the button bar.

   - Result: A prompting message is displayed asking whether you intend to leave the application without saving the document.

10. Click **OK**.

    - Result: The Login window is redisplayed.

A.7 Takeover of vital ASF databases from V3R2 to V3R3

When installing ASF V3R3 you must consider how to take over the vital databases from ASF V3R2.
If you take over the data during the the installation of ASF V3R3, you can verify the new functions with known data.
Note:
Before you start the production with the new release, you must rerun the process. Otherwise you might loose vital information.

The following databases are affected:

- UPL
- GIL
- SLL

Note:

- Backup your ASF V3R2 databases before starting the takeover.

- After final takeover of the GIL, reload the sample GIL records using the jobs FSNFIO0/FSNFCO0 and FSNFIL0/FSNFCLO0 from the installation library JCLLIB with the REPLACE option.

- The CLL is considered to be empty. Otherwise refer to the instructions for SLL processing.

- Customers who are still running ASF V3R1 or older versions must contact the ASF development team (OFFSOL@de.ibm.com).

A.7.1 Takeover of GIL and SLL

A.7.1.1 Using DLI and VSAM

If the control interval (CI) size of the databases is the same in V3R2 and V3R3, use VSAM REPRO as follows:

1. Unload the V3R2 databases into sequential files.

2. Reload the sequential files into the corresponding databases allocated during installation.

If the CI size of the V3R3 databases is larger than in V3R2, use the ASF utilities as followss:

1. Unload the V3R2 databases using the utility FSNBRULC/I from ASF V3R2.

2. Reload the sequential files using the utility FSNBRRLC/I from ASF V3R3 into the corresponding databases allocated during installation.

Note:

1. Sample JCL for VSAM REPRO is **not** provided, as this is standard JCL of the z/OS operating system.

2. Reduction of the CI size of ASF databases is not supported.

A.7.1.2 Using DB2

During the installation of ASF V3R3 new tables are allocated for the subject databases.
Note: The new table layout of ASF V3R3 contains more columns than the table layout of ASF V3R2.

Takeover of the data can be done using DB2 tools that unload the V3R2 tables and reload the data into the V3R3 tables.

You should consider adding the new columns to your ASF V3R2 tables using the DB2 utility DSNTIAD.

A set of sample SQL control statements is provided in the ASF V3R3 installation library JCLLIB. Refer to member FSNDB2AD.

A.7.2 Takeover of UPL

Use the ASF utilities as follows:

1. Unload the V3R2 UPL using the utility FSNBRULC/I from ASF V3R2.

2. Reload the sequential file using the utility FSNBRRLC/I from ASF V3R3 into the UPL allocated during installation.

A.8 How to fill the installation worksheet

The worksheet in Appendix F, "Installation worksheet" on page 82 shows the parameters needed together with the IBM suggested default value.

This chapter describes each parameter:

You find the the name of the parameter, the IBM default value, which is **<u>underlined</u>**, and alternative values, separated by **|**.

Then follows a description of the parameter together with additional information as length, relationships to other parameters etc.

Fill in the column "User value" in the worksheet with the values you choose for each of the parameters.

As a general recommendation it is suggested to adapt only the parameters for:

- Job card information (parameters JOBLIN1 to JOBLIN6)
- Data set qualifiers (parameters FSNHLQ, VSMHLQ)

  Hint: Try to use *one common* value for these four parameters, it helps not getting lost in different ASF data set names.

- Disk volume names (parameters FSNVOL, VSMVOL)
- Data set names of prerequisite products
- In the parameter files FSNASPA0 and FSNENVxx all parameters are separated by double quotes. In the worksheet single quotes are used instead.

A.9 Description of the parameters in parameter file FSNASPA0

A.9.1 Installation part generation parameters

DRYRUN = "YES" | "NO"
Allows you to run the customizer just for checking the parameters.

- NO: job generation **and** the customization will be done if no errors occurred.
- YES: only the customization parameters will be checked, no jobs are generated.

A.9.2 JOB-specific parameters

JOBLIN1 = "//*" | Value
JCL job information: first line of JOB card

- Value: the job information
- Length of Value: as defined in your JES installation

JOBLIN2 = "//*" | Value
JCL job information: second line of JOB card

- Value: the job information
- Length of Value: as defined in your JES installation

JOBLIN3 = "//*" | Value
JCL job information: third line of JOB card

- Value: the job information
- Length of Value: as defined in your JES installation

JOBLIN4 = "//*" | Value
JCL job information: fourth line of JOB card

- Value: the job information
- Length of Value: as defined in your JES installation

JOBLIN5 = "//*" | Value
JCL job information: fifth line of JOB card

- Value: the job information
- Length of Value: as defined in your JES installation

JOBLIN6 = "//*" | Value
JCL job information: sixth line of JOB card

- Value: the job information
- Length of Value: as defined in your JES installation

JOBOUTC = <u>"*"</u> | Value
> JCL job information: output class for SYSOUT data sets

> - Value: the job output class you use
> - Length of Value: as defined in your JES installation

WDSK = <u>"SYSDA"</u> | Value
> JCL job information: UNIT=SYSDA work disk parameter
> Only applicable if SMS is **NOT** installed.

> - Value: the unit type you use
> - Length of Value: 1 to 6

SDSK = <u>"SYSDA"</u> | Value
> JCL job information: UNIT=SYSDA sort work disk parameter
> Only applicable if SMS is **NOT** installed.

> - Value: the unit type you use
> - Length of Value: 1 to 6

SMS = <u>"NO"</u> | "YES"
> Indicates whether DFSMS (Storage Management Subsystem) is installed or not
> If DFSMS is installed, no VOLSER and UNIT specification are generated in the installation jobs.

> - NO: DFSMS is not installed
> - YES: DFSMS is installed

> **Note:** No DATACLAS or STORCLAS and so on is generated; this has to be inserted in JCL if applicable.

A.9.3 Global parameters

LKEDNAME = <u>"IEWL"</u> | Value
> Name of the used Linkage Editor/Binder.

> - Value: the name in your installation
> - Length of Value: 1 to 4

ASSNAME = <u>"ASMA90"</u> | Value
> Name of the used Assembler.

> - Value: the name in your installation
> - Length of Value: 1 to 5

ASSOUT = <u>"SYSLIN"</u> | Value
> Name of the assembler output DD statement.

> - Value: the name in your installation
> - Length of Value: 1 to 8

SORTLIB = "SYS1.SORTLIB" | Value
The data set name of the library containing SORT/MERGE.

- Value: the data set name in your installation
- Length of Value: 1 to 44

CODEPAGE = "1140" | Value
Indicates which terminal keyboard will be used when you work with a member on the SRCELIB library.

This parameter is used to create the sample jobs for code page translation using program FSNACPM (jobs: FSNUACPF and FSNUACPT).

For details see description of program FSNACPM in the *Administration Guide,* SH12-6734.

The value of this parameter must match the value of the default keyboard codepage ID (INSTKB) that you have specified in member FSNT000C (CICS) or in member FSNT000I (IMS) in library SRCELIB.

This parameter is used during phase 2 only.

- 1140: Terminal Group 2: Brazil, Canada, Netherlands, Portugal, USA
- 1141: Terminal Group 2: Austria, Germany
- 1142: Terminal Group 2: Denmark, Norway
- 1143: Terminal Group 2: Finland, Sweden
- 1144: Terminal Group 2: Italy
- 1145: Terminal Group 2: Spain, Latin America (Spanish spaking)
- 1146: Terminal Group 2: United Kingdom
- 1147: Terminal Group 2: France
- 1148: Terminal Group 2: Belgium, Switzerland
- 1149: Terminal Group 2: Iceland

FSNHLQ = "FSN.ASFV3R3" | Value
The high-level qualifier for non-VSAM data sets. The following ASF data sets will be allocated and/or accessed under this qualifier:

- SMP/E distribution libraries: FSN.ASFV3R3.AFSNxxxx.
- SMP/E target libraries: FSN.ASFV3R3.SFSNxxxx.
- Additional ASF non-VSAM data sets

- Value: the qualifier
- Length of Value: 1 to 26

Note: The value for FSNHLQ has to match the HLQ from SMP/E job FSNALLOC

VSMHLQ = "FSN.ASFV3R3" | Value
The high-level qualifier for ASF VSAM data sets

- Value: the qualifier
- Length of Value: 1 to 26

FSNUNIT = "SYSDA" | Value
The Direct-Access Storage Device (DASD) on which the product specific non-VSAM data sets are to be allocated. This must be one of the valid unit names on your system.

Only applicable if SMS is **NOT** installed.

- Value: the unit type you use
- Length of Value: 1 to 6

VSMUNIT = "SYSDA" | Value
The Direct-Access Storage Device (DASD) on which the product specific VSAM data sets are to be allocated. This must be one of the valid unit names on your system.

Only applicable if SMS is **NOT** installed.

- Value: the unit type you use
- Length of Value: 1 to 6

FSNVOL = "NONE" | Value
The volume serial identifier of the volume on which the product-specific non-VSAM data sets are to be allocated.

Only applicable if SMS is **NOT** installed.

- Value: the volume or NONE (see note below)
- Length of Value: 1 to 6

Note: If you specify **NONE** as value for parameter FSNVOL, the generation of the VOL=SER= JCL statement within the allocations of the non-VSAM data sets is suppressed.

VSMVOL = "NONE" | Value
The volume serial identifier of the volume on which the product-specific VSAM data sets are to be allocated.

Only applicable if SMS is **NOT** installed.

- Value: the volume or NONE (see note below)
- Length of Value: 1 to 6

Note: If you specify **NONE** as value for parameter VSMVOL, the generation of the VOLSER within the VSAM definition is suppressed.

A.9.4 LE/370-specific information

LELKED = "SYS1.SCEELKED" | Value
LE/370 link library data set name

- Value: the data set name in your installation
- Length of Value: 1 to 44

LERUN = "SYS1.SCEERUN" | Value
    LE/370 runtime library data set name

- Value: the data set name in your installation
- Length of Value: 1 to 44

LERUN1 = "SYS1.SCEECICS" | Value
    LE/370 runtime library data set name for CICS

- Value: the data set name in your installation
- Length of Value: 1 to 44

LECOMP = "SYS1.SIELCOMP" | Value
    LE/370 PL/1 Compiler data set name

- Value: the data set name in your installation
- Length of Value: 1 to 44

A.9.5 CICS-specific parameters

A.9.5.1 CICS global parameters

INSTCICS = <u>"NO"</u> | "YES"
Installation Indicator: Indicates whether you will run your installation in a CICS environment or not.

- NO: ASF, the features and the languages are not used in a CICS environment. No installation parts (Jobs, Tables, Data sets etc) for CICS environment are generated.
- YES: ASF, the features and the languages are used in a CICS environment. All parts needed to run in a CICS environment are generated.

FSNPROF = <u>"FSNRPRO"</u> | "Value"
PROFILE NAME

Note: For detailed information about the PROFILE NAME, see the *CICS/TS Resource Definition GUIDE SC34-5990*.

- Value: the profile name
- Length of Value: 1 to 8

RECOVERY = <u>"BACKOUTONLY"</u> | "NONE" | "ALL"
Indicates the recovery to be done for ASF data sets.
This parameter is used for the RDO definitions of the ASF vital data sets. The work data sets are defined with RECOVERY(NONE).

Note: For detailed information about the RECOVERY parameter, see the *CICS/TS Resource Definition Guide SC34-5990*.

- NONE: No recovery logging for ASF data sets
- BACKOUTONLY: Log before images to the system log
- ALL: Log before images to the system log, and after images to the journal specified in parameter RECOVLOG

RECOVLOG = <u>"NO"</u> | "Value"
Specifies the journal after images for forward recovery are written to.

This parameter is only used if RECOVERY = ALL is specified.

Note: For detailed information about the RECOVERY parameter, see the *CICS/TS Resource Definition Guide SC34-5990*.

- NO: Forward recovery not used
- Value: Any value in the range 1 through 99

ERRPREF = <u>"FSN"</u> | "Value"
Transaction Prefix for error handler program FSNERRH

This parameter is used during phase 2 only.

The value of this parameter must match the value of the transaction prefix specified in parameter ASPREF in the members FSNT000C and FSNT100C in library SRCELIB.

If you use more than one transaction family (more than one FSNTTXC macro within FSNT000C), the prefix for FSNERRH must match **one** of the ASPREF values you specified.

All transaction families you use are supported by the the same error handler transaction (only one is needed).

- Value: the transaction prefix
- Length of Value: 3

TCTDISP = "0" | "Value"
Offset of the TCTUA part of Application Support Facility within the TCTUA

The value of this parameter must match the value of the TCTUA offset (TCTDISP) you have specified in member FSNT000C in library SRCELIB.

Note:

ASF needs 16 bytes within the TCTUA

The default value of '0' assumes that the ASF part starts at the beginning of the TCTUA (offset 0).

The maximum TCTUA size can be 256 bytes. Therefore the highest possible offset for ASF can be 240 (the last 16 bytes for ASF).

Example: If you have specified a TCTUALENGTH of 150 in the TCT for your terminals and your applications need this 150 bytes, increase the TCTUALENGTH to 166 and set the TCTDISP parameter to 150 (next free byte minus 1).

- Value: the TCTUA offset for ASF
- Length of Value: 1 to 3

CICSLIB = "SYS1.SDFHLOAD" | Value
CICS LOAD LIBRARY data set name

- Value: the data set name in your installation
- Length of Value: 1 to 44

CICSMAC = "SYS1.SDFHMAC" | Value
CICS MACLIB data set name

- Value: the data set name used in your installation
- Length of Value: 1 to 44

CICSCSD = "FSN.ASFV3R3.DFHCSD" | Value
CICS CSD data set name. This data set will be used for the RDO definitions created during follow-on installation.

- Value: the data set name in your installation
- Length of Value: 1 to 44

TBLSUFF = "AS" | "Value"
The suffix used for your CICS tables.

- Value: the CICS table suffix
- Length of Value: 1 to 2

FSNGROUP = "FSNRGROU" | "Value"
GROUP name of the group that will contain ASF definitions.

- Value: the GROUP name
- Length of Value: 1 to 8

FSNLIST = "FSNRLIST" | "Value"
GROUPLIST used in your CICS start-up job

The value specified in parameter FSNGROUP will be added to this list by job FSNIRDO.

- Value: the GROUPLIST name used in your CICS start-up job
- Length of Value: 1 to 8

A.9.5.2 CICS VSAM cluster definitions

UPLCYL1 = "1" | "Value"
Number of primary cylinders for your User Profile Library (UPL) used for cluster definition.

This parameter is only applicable if INSTCICS = YES is specified.

- Value: number of primary cylinders for UPL
- Length of Value: 1 to 3

UPLCYL2 = "1" | "Value"
Number of secondary cylinders for your User Profile Library (UPL) used for cluster definition.

This parameter is only applicable if INSTCICS = YES is specified.

- Value: number of secondary cylinders for UPL
- Length of Value: 1 to 3

GILSZ = "6144" | "Value"
CISIZE for records of the General Information Library (GIL).

This parameter is only applicable if INSTCICS = YES is specified.

- Value: CISIZE for your GIL library
- Length of Value: 1 to 5

The parameter value must

- Be in the range of 6144 through 32768:
- Be a multiple of 512 (N x 512) if it is in the range of 6144 through 8192
- Be a multiple of 2048 (N x 2048) if it is in the range of 8192 through 32768

- Match the value of the GIL length specified in parameter GILLTH in member FSNT000C in library SRCELIB.

Note: If you want to takeover a GIL from ASF V3R2, the GILSZ parameter must not be less than the one specified in ASF V3R2.

ASF assumes that one record of the maximum record size will exist within the control interval. GILSZ is used to define the CONTROLINTERVALSIZE (CISIZE) parameter and the RECORDSIZE parameter in the cluster definition job. The formula used for the calculation of RECORDSIZE is CISIZE - 32.

GILCYL1 = "10" | "Value"

Number of primary cylinders for your General Information Library (GIL) used for cluster definition.

This parameter is only used during phase 2 and is only applicable if INSTCICS = YES is specified.

- Value: number of primary cylinders for GIL
- Length of Value: 1 to 3

GILCYL2 = "1" | "Value"

Number of secondary cylinders for your General Information Library (GIL) used for cluster definition.

This parameter is only applicable if INSTCICS = YES is specified.

- Value: number of secondary cylinders for GIL
- Length of Value: 1 to 3

GXLCYL1 = "1" | "Value"

Number of primary cylinders for your GIL Alternate Index Library (GXL) used for cluster definition.

This parameter is only applicable if INSTCICS = YES is specified.

- Value: number of primary cylinders for GXL
- Length of Value: 1 to 3

GXLCYL2 = "1" | "Value"

Number of secondary cylinders for your GIL Alternate Index Library (GXL) used for cluster definition.

This parameter is only applicable if INSTCICS = YES is specified.

- Value: number of secondary cylinders for GXL
- Length of Value: 1 to 3

ISLSZ = "8192" | "Value"

CISIZE for records of the work data sets USL, ISL, WSL, ZSL, FLL, DJL and FEL.

This parameter is only applicable if INSTCICS = YES is specified.

- Value: CISIZE for your USL, ISL, WSL, ZSL, FLL, DJL and FEL library
- Length of Value: 1 to 5

The parameter value must

- Be in the range of 8192 through 32768
- Be a multiple of 2048 (N x 2048)

- Match the value of the ISL length specified in parameter ISLLTH in member FSNT000C in library SRCELIB.

Note: If you want to takeover an SLL from ASF V3R2, the ISLSZ parameter must not be less than the one specified in ASF V3R2.

ASF assumes that one record of the maximum record size will exist within the control interval. ISLSZ is used to define the CONTROLINTERVALSIZE (CISIZE) parameter and the RECORDSIZE parameter in the cluster definition job. The formula used for the calculation of RECORDSIZE is CISIZE - 7.

ISLCYL1 = "1" | "Value"

Number of primary cylinders for your Internal System Library (ISL) used for cluster definition.

This parameter is only applicable if INSTCICS = YES is specified.

- Value: number of primary cylinders for ISL
- Length of Value: 1 to 3

ISLCYL2 = "1" | "Value"

Number of secondary cylinders for your Internal System Library (ISL) used for cluster definition.

This parameter is only applicable if INSTCICS = YES is specified.

- Value: number of secondary cylinders for ISL
- Length of Value: 1 to 3

WSLCYL1 = "1" | "Value"

Number of primary cylinders for your Internal System Library (WSL) used for cluster definition.

This parameter is only applicable if INSTCICS = YES is specified.

- Value: number of primary cylinders for WSL
- Length of Value: 1 to 3

WSLCYL2 = "1" | "Value"

Number of secondary cylinders for your Internal System Library (WSL) used for cluster definition.

This parameter is only applicable if INSTCICS = YES is specified.

- Value: number of secondary cylinders for WSL
- Length of Value: 1 to 3

USLCYL1 = "1" | "Value"

Number of primary cylinders for your User System Library (USL) used for cluster definition.

This parameter is only applicable if INSTCICS = YES is specified.

- Value: number of primary cylinders for USL
- Length of Value: 1 to 3

USLCYL2 = "1" | "Value"

Number of secondary cylinders for your User System Library (USL) used for cluster definition.

This parameter is only applicable if INSTCICS = YES is specified.

- Value: number of secondary cylinders for USL
- Length of Value: 1 to 3

ZSLCYL1 = "1" | "Value"

Number of primary cylinders for your Internal System Library ZSL used for cluster definition.

This parameter is only applicable if INSTCICS = YES is specified.

- Value: number of primary cylinders for ZSL
- Length of Value: 1 to 3

ZSLCYL2 = "1" | "Value"

Number of secondary cylinders for your Internal System Library ZSL used for cluster definition.

This parameter is only applicable if INSTCICS = YES is specified.

- Value: number of secondary cylinders for ZSL
- Length of Value: 1 to 3

CLLCYL1 = "1" | "Value"

Number of primary cylinders for your Completed Document Library (CLL) used for cluster definition.

This parameter is only applicable if INSTCICS = YES is specified.

- Value: number of primary cylinders for CLL
- Length of Value: 1 to 3

CLLCYL2 = "1" | "Value"

Number of secondary cylinders for your Completed Document Library (CLL) used for cluster definition.

This parameter is only applicable if INSTCICS = YES is specified.

- Value: number of secondary cylinders for CLL
- Length of Value: 1 to 3

SLLCYL1 = "1" | "Value"

Number of primary cylinders for your Saved Document Library (SLL) used for cluster definition.

This parameter is only used during phase 2 and is only applicable if INSTCICS = YES is specified.

- Value: number of primary cylinders for SLL
- Length of Value: 1 to 3

SLLCYL2 = "1" | "Value"

Number of secondary cylinders for your Saved Document Library (SLL) used for cluster definition.

This parameter is only applicable if INSTCICS = YES is specified.

- Value: number of secondary cylinders for SLL
- Length of Value: 1 to 3

FLLCYL1 = "1" | "Value"

Number of primary cylinders for your Formatted Document Library (FLL) used for cluster definition.

This parameter is only used during phase 2 and is only applicable if INSTCICS = YES is specified.

- Value: number of primary cylinders for FLL
- Length of Value: 1 to 3

FLLCYL2 = "1" | "Value"

Number of secondary cylinders for your Formatted Document Library (FLL) used for cluster definition.

This parameter is only applicable if INSTCICS = YES is specified.

- Value: number of secondary cylinders for FLL
- Length of Value: 1 to 3

DJLCYL1 = "1" | "Value"

Number of primary cylinders for your Document JCL Library (DJL) used for cluster definition.

This parameter is only applicable if INSTCICS = YES is specified.

- Value: number of primary cylinders for DJL
- Length of Value: 1 to 3

DJLCYL2 = "1" | "Value"

Number of secondary cylinders for your Document JCL Library (DJL) used for cluster definition.

This parameter is only applicable if INSTCICS = YES is specified.

- Value: number of secondary cylinders for DJL
- Length of Value: 1 to 3

EXPCYL1 = "1" | "Value"

Number of primary cylinders for your document export data set used for cluster definition.

This parameter is only used during phase 2 and is only applicable if INSTCICS = YES is specified.

- Value: number of primary cylinders for the document export data set
- Length of Value: 1 to 3

EXPCYL2 = "1" | "Value"

Number of secondary cylinders for your document export data set used for cluster definition.

This parameter is only applicable if INSTCICS = YES is specified.

- Value: number of secondary cylinders for the document export data set
- Length of Value: 1 to 3

FELCYL1 = "1" | "Value"

Number of primary cylinders for your document export error log data set used for cluster definition.

This parameter is only used during phase 2 and is only applicable if INSTCICS = YES is specified.

- Value: number of primary cylinders for the document export data set
- Length of Value: 1 to 3

FELCYL2 = "1" | "Value"

Number of secondary cylinders for your document export error log data set used for cluster definition.

This parameter is only applicable if INSTCICS = YES is specified.

- Value: number of secondary cylinders for the document export data set
- Length of Value: 1 to 3

A.9.6 IMS-specific parameters

A.9.6.1 IMS global parameters

INSTIMS = "NO" | "YES"
Installation Indicator: Indicates whether you will run your installation in an IMS environment or not.

- NO: ASF, the features and the languages are not used in a IMS environment. No installation parts (Jobs, Tables, Data sets etc) for IMS environment are generated.
- YES: ASF, the features, and the languages are used in a IMS environment. All parts needed to run in a IMS environment are generated.

CONV = "NO" | "YES"
Indicates whether ASF is used in conversational mode or not
If this parameter is set to YES, the sample STAGE 1 input will be generated for conversational usage of ASF.

Note: The parameter CONV is independent from the parameter NONCONV. You can set both parameters to YES if you want to use ASF in conversational and nonconversational mode.

If both parameters are set to YES, the sample STAGE 1 input for nonconversational mode will be built with prefix : 'FSS'

- YES: ASF is used in conversational mode
- NO: ASF is NOT used in conversational mode

NONCONV = "YES" | "NO"
Indicates whether ASF is used in nonconversational mode or not
If this parameter is set to YES, the sample STAGE 1 input will be generated for nonconversational usage of ASF

Note: The parameter NONCONV is independent from the parameter CONV. You can set both parameters to YES if you want to use ASF in conversational and nonconversational mode.

If both parameters are set to YES, the sample STAGE 1 input for nonconversational mode will be built with prefix : 'FSS'

- YES: ASF is used in nonconversational mode
- NO: ASF is NOT used in nonconversational mode

RESLIB = "IMS710.RESLIB" | Value
IMS resident library

- Value: the data set name in your installation
- Length of Value: 1 to 44

DBDLIB = "IMS710.DBDLIB" | Value
 The name of the data set that containing the DBDs.

 - Value: the data set name in your installation
 - Length of Value: 1 to 44

PSBLIB = "IMS710.PSBLIB" | Value
 The name of the data set containing the PSBs.

 - Value: the data set name in your installation
 - Length of Value: 1 to 44

ACBLIB = "IMS710.ACBLIB" | Value
 The name of the data set that containing the ACBs.

 - Value: the data set name in your installation
 - Length of Value: 1 to 44

PROCLIB = "IMS710.PROCLIB" | Value
 The name of the IMS procedure library.

 - Value: the data set name in your installation
 - Length of Value: 1 to 44

RECON1 = "IMS710.RECON1" | Value
 The name of the IMS RECON data set 1.

 - Value: the data set name in your installation
 - Length of Value: 1 to 44

RECON2 = "IMS710.RECON2" | Value
 The name of the IMS RECON data set 2.

 - Value: the data set name in your installation
 - Length of Value: 1 to 44

RECON3 = "IMS710.RECON3" | Value
 The name of the IMS RECON data set 3.

 - Value: the data set name in your installation
 - Length of Value: 1 to 44

IMSGUTL = "MFSUTL" | Value
 The name of the procedure you use to assemble MFS formats.

 - Value: the procedure name in your installation
 - Length of Value: as defined in your JES installation

IMSGDBD = "DBDGEN" | Value
 The name of the procedure you use to assemble DBDs.

 - Value: the procedure name in your installation

- Length of Value: as defined in your JES installation

IMSGPSB = <u>"PSBGEN"</u> | Value
The name of the procedure you use to assemble PSBs.

- Value: the procedure name in your installation
- Length of Value: as defined in your JES installation

IMSGACB = <u>"ACBGEN"</u> | Value
The name of the procedure you use for ACB generation.

- Value: the procedure name in your installation
- Length of Value: as defined in your JES installation

IMSGDLI = <u>"DLIBATCH"</u> | Value
The name of your IMS DL/I procedure.

- Value: the procedure name in your installation
- Length of Value: as defined in your JES installation

DEVICE = <u>"3390"</u> | Value
The physical storage device type on which the data sets will be stored
This value is used during DBDGEN

Note: For details about the DEVICE parameter see:

IMS Utilities Reference

- Value: the values supported for DBDGEN
- Length of Value: 4

A.9.6.2 IMS VSAM cluster definitions

ISPACYL1 = <u>"1"</u> | "Value"
Number of primary cylinders for your Scratch Pad Area Library (SPA) used for cluster definition.

This parameter is only applicable if INSTIMS = YES is specified.

- Value: number of primary cylinders for SPA
- Length of Value: 1 to 3

ISPACYL2 = <u>"1"</u> | "Value"
Number of secondary cylinders for your Scratch Pad Area Library (SPA) used for cluster definition.

This parameter is only applicable if INSTIMS = YES is specified.

- Value: number of secondary cylinders for SPA
- Length of Value: 1 to 3

IGILSZ = "6144" | "Value"
CISIZE for records of the General Information Library (GIL).

This parameter is only applicable if INSTIMS = YES is specified.

- Value: CISIZE for your GIL library
- Length of Value: 1 to 5

The parameter value must

- Be in the range of 6144 through 32768
- Be a multiple of 512 (N x 512) if it is in the range of 6144 through 8192
- Be a multiple of 2048 (N x 2048) if it is in the range of 8192 through 32768
- Match the value of the GIL length specified in parameter GILLTH in member FSNT000I in library SRCELIB.

Note: If you want to takeover a GIL from ASF V3R2, the IGILSZ parameter must not be less than the one specified in ASF V3R2.

ASF assumes that one record of the maximum record size will exist within the control interval. IGILSZ is used to define the CONTROLINTERVALSIZE (CISIZE) parameter and the RECORDSIZE parameter in the cluster definition job. The formula used for the calculation of RECORDSIZE is CISIZE - 32.

IGILCYL1 = "10" | "Value"
Number of primary cylinders for your General Information Library (GIL) used for cluster definition.

This parameter is only applicable if INSTIMS = YES is specified.

- Value: number of primary cylinders for GIL
- Length of Value: 1 to 3

IGILCYL2 = "1" | "Value"
Number of secondary cylinders for your General Information Library (GIL) used for cluster definition.

This parameter is only applicable if INSTIMS = YES is specified.

- Value: number of secondary cylinders for GIL
- Length of Value: 1 to 3

IGLXCYL1 = "1" | "Value"
Number of primary cylinders for the Index Cluster of the GIL used for cluster definition.

This parameter is only applicable if INSTIMS = YES is specified.

- Value: number of primary cylinders for GIL index cluster
- Length of Value: 1 to 3

IGLXCYL2 = "1" | "Value"
Number of secondary cylinders for the Index Cluster of the GIL used for cluster definition.

This parameter is only applicable if INSTIMS = YES is specified.

- Value: number of secondary cylinders for GIL index cluster
- Length of Value: 1 to 3

IGXLCYL1 = "1" | "Value"

Number of primary cylinders for your GIL Alternate Index Library (GXL) used for cluster definition.

This parameter is only applicable if INSTIMS = YES is specified.

- Value: number of primary cylinders for GXL
- Length of Value: 1 to 3

IGXLCYL2 = "1" | "Value"

Number of secondary cylinders for your GIL Alternate Index Library (GXL) used for cluster definition.

This parameter is only applicable if INSTIMS = YES is specified.

- Value: number of secondary cylinders for GXL
- Length of Value: 1 to 3

IGXOCYL1 = "1" | "Value"

Number of primary cylinders for the index cluster of the GIL Alternate Index Library (GXO) used for cluster definition.

This parameter is only applicable if INSTIMS = YES is specified.

- Value: number of primary cylinders for GXL index cluster
- Length of Value: 1 to 3

IGXOCYL2 = "1" | "Value"

Number of secondary cylinders for the index cluster of the GIL Alternate Index Library (GXO) used for cluster definition.

This parameter is only applicable if INSTIMS = YES is specified.

- Value: number of secondary cylinders for GXL index cluster
- Length of Value: 1 to 3

IISLSZ = "8192" | "Value"

CISIZE for records of the work data sets USL, ISL, WSL, ZSL, FLL, DJL and SPA.

This parameter is only applicable if INSTIMS = YES is specified.

- Value: CISIZE for your USL, ISL, WSL, ZSL, FLL, DJL and SPA library
- Length of Value: 1 to 5

The parameter value must

- Be in the range of 8192 through 32768:
- Be a multiple of 2048 (N x 2048)
- Match the value of the ISL length specified in parameter ISLLTH in member FSNT000I in library SRCELIB.

Note: If you want to takeover an SLL from ASF V3R2, the IISLSZ parameter must not be less than the one specified in ASF V3R2.

ASF assumes that one record of the maximum record size will exist within the control interval. IISLSZ is used to define the CONTROLINTERVALSIZE (CISIZE) parameter and the RECORDSIZE parameter in the cluster definition job. The formula used for the calculation of RECORDSIZE is CISIZE - 32.

IISLCYL1 = "1" | "Value"

Number of primary cylinders for your Internal System Library (ISL) used for cluster definition.

This parameter is only used during phase 2 and is only applicable if INSTIMS = YES is specified.

- Value: number of primary cylinders for ISL
- Length of Value: 1 to 3

IISLCYL2 = "1" | "Value"

Number of secondary cylinders for your Internal System Library (ISL) used for cluster definition.

This parameter is only applicable if INSTIMS = YES is specified.

- Value: number of secondary cylinders for ISL
- Length of Value: 1 to 3

IWSLCYL1 = "1" | "Value"

Number of primary cylinders for your Internal System Library (WSL) used for cluster definition.

This parameter is only used during phase 2 and is only applicable if INSTIMS = YES is specified.

- Value: number of primary cylinders for WSL
- Length of Value: 1 to 3

IWSLCYL2 = "1" | "Value"

Number of secondary cylinders for your Internal System Library (WSL) used for cluster definition.

This parameter is only applicable if INSTIMS = YES is specified.

- Value: number of secondary cylinders for WSL
- Length of Value: 1 to 3

IUPLCYL1 = "1" | "Value"

Number of primary cylinders for your User Profile Library (UPL) used for cluster definition.

This parameter is only applicable if INSTIMS = YES is specified.

- Value: number of primary cylinders for UPL
- Length of Value: 1 to 3

IUPLCYL2 = "1" | "Value"

Number of secondary cylinders for your User Profile Library (UPL) used for cluster definition.

This parameter is only applicable if INSTIMS = YES is specified.

- Value: number of secondary cylinders for UPL
- Length of Value: 1 to 3

IULXCYL1 = "1" | "Value"

Number of primary cylinders for the Index Cluster of the UPL used for cluster definition.

This parameter is only applicable if INSTIMS = YES is specified.

- Value: number of primary cylinders for UPL index cluster
- Length of Value: 1 to 3

IULXCYL2 = "1" | "Value"

Number of secondary cylinders for the Index Cluster of the UPL used for cluster definition.

This parameter is only applicable if INSTIMS = YES is specified.

- Value: number of secondary cylinders for UPL index cluster
- Length of Value: 1 to 3

IUSLCYL1 = "1" | "Value"

Number of primary cylinders for your User System Library (USL) used for cluster definition.

This parameter is applicable only if INSTIMS = YES is specified.

- Value: number of primary cylinders for USL
- Length of Value: 1 to 3

IUSLCYL2 = "1" | "Value"

Number of secondary cylinders for your User System Library (USL) used for cluster definition.

This parameter is applicable only if INSTIMS = YES is specified.

- Value: number of secondary cylinders for USL
- Length of Value: 1 to 3

IUSXCYL1 = "1" | "Value"

Number of primary cylinders for the Index Cluster of the USL used for cluster definition.

This parameter is applicable only if INSTIMS = YES is specified.

- Value: number of primary cylinders for USL index cluster
- Length of Value: 1 to 3

IUSXCYL2 = "1" | "Value"

Number of secondary cylinders for the Index Cluster of the USL used for cluster definition.

This parameter is applicable only if INSTIMS = YES is specified.

- Value: number of secondary cylinders for USL index cluster
- Length of Value: 1 to 3

IZSLCYL1 = "1" | "Value"

Number of primary cylinders for your Internal System Library (ZSL) used for cluster definition.

This parameter is applicable only if INSTIMS = YES is specified.

- Value: number of primary cylinders for ZSL
- Length of Value: 1 to 3

IZSLCYL2 = "1" | "Value"
Number of secondary cylinders for your Internal System Library (ZSL) used for cluster definition.

This parameter is applicable only if INSTIMS = YES is specified.

- Value: number of secondary cylinders for ZSL
- Length of Value: 1 to 3

ICLLCYL1 = "1" | "Value"
Number of primary cylinders for your Completed Document Library (CLL) used for cluster definition.

This parameter is applicable only if INSTIMS = YES is specified.

- Value: number of primary cylinders for CLL
- Length of Value: 1 to 3

ICLLCYL2 = "1" | "Value"
Number of secondary cylinders for your Completed Document Library (CLL) used for cluster definition.

This parameter is applicable only if INSTIMS = YES is specified.

- Value: number of secondary cylinders for CLL
- Length of Value: 1 to 3

ICLXCYL1 = "1" | "Value"
Number of primary cylinders for the Index Cluster of the CLL used for cluster definition.

This parameter is applicable only if INSTIMS = YES is specified.

- Value: number of primary cylinders for CLL index cluster
- Length of Value: 1 to 3

ICLXCYL2 = "1" | "Value"
Number of secondary cylinders for the Index Cluster of the CLL used for cluster definition.

This parameter is applicable only if INSTIMS = YES is specified.

- Value: number of secondary cylinders for CLL index cluster
- Length of Value: 1 to 3

ISLLCYL1 = "1" | "Value"
Number of primary cylinders for your Saved Document Library (SLL) used for cluster definition.

This parameter is applicable only if INSTIMS = YES is specified.

- Value: number of primary cylinders for SLL
- Length of Value: 1 to 3

ISLLCYL2 = "1" | "Value"
Number of secondary cylinders for your Saved Document Library (SLL) used for cluster definition.

This parameter is applicable only if INSTIMS = YES is specified.

- Value: number of secondary cylinders for SLL
- Length of Value: 1 to 3

ISLXCYL1 = "1" | "Value"

Number of primary cylinders for the Index Cluster of the ISL used for cluster definition.

This parameter is applicable only if INSTIMS = YES is specified.

- Value: number of primary cylinders for ISL index cluster
- Length of Value: 1 to 3

ISLXCYL2 = "1" | "Value"

Number of secondary cylinders for the Index Cluster of the ISL used for cluster definition.

This parameter is applicable only if INSTIMS = YES is specified.

- Value: number of secondary cylinders for ISL index cluster
- Length of Value: 1 to 3

IFLLCYL1 = "1" | "Value"

Number of primary cylinders for your formatted Document Library (FLL) used for cluster definition.

This parameter is applicable only if INSTIMS = YES is specified.

- Value: number of primary cylinders for FLL
- Length of Value: 1 to 3

IFLLCYL2 = "1" | "Value"

Number of secondary cylinders for your Formatted Document Library (FLL) used for cluster definition.

This parameter is applicable only if INSTIMS = YES is specified.

- Value: number of secondary cylinders for FLL
- Length of Value: 1 to 3

IFLXCYL1 = "1" | "Value"

Number of primary cylinders for the Index Cluster of the FLL used for cluster definition.

This parameter is applicable only if INSTIMS = YES is specified.

- Value: number of primary cylinders for FLL index cluster
- Length of Value: 1 to 3

IFLXCYL2 = "1" | "Value"

Number of secondary cylinders for the Index Cluster of the FLL used for cluster definition.

This parameter is applicable only if INSTIMS = YES is specified.

- Value: number of secondary cylinders for FLL index cluster
- Length of Value: 1 to 3

IDJLCYL1 = "1" | "Value"

Number of primary cylinders for your Document JCL Library (DJL) used for cluster definition.

This parameter is applicable only if INSTIMS = YES is specified.

- Value: number of primary cylinders for DJL
- Length of Value: 1 to 3

IDJLCYL2 = "1" | "Value"
Number of secondary cylinders for your Document JCL Library (DJL) used for cluster definition.

This parameter is applicable only if INSTIMS = YES is specified.

- Value: number of secondary cylinders for DJL
- Length of Value: 1 to 3

A.9.7 Document Composition related parameters

INSTCOB = "NO" | "YES"
Prepare Batch Document Composition (IMS and/or CICS) for using COBOL programs (PDP etc.)

- NO: COBOL programs will not be used.
- YES: COBOL programs will be used.

COBLIB = "SYS1.COB2LIB" | Value
The data set name containing the COBOL resident routines.

- Value: the data set name in your installation
- Length of Value: 1 to 44

DCFLIB = "SYS1.DCF.LINKLIB" | Value
The data set name of the DCF Version 4 load library.

- Value: the data set name in your installation
- Length of Value: 1 to 44

GMLINP = "SYS1.DCF.SEQ" | Value
The data set name of the library that contains the DCF GML TAG input for utility FSNCDCF.

- Value: the data set name in your installation
- Length of Value: 1 to 44

DCFFONT = "SYS1.FONT3820" | Value
The data set name of the library that contains your FONTS

- Value: the data set name in your installation
- Length of Value: 1 to 44

DCFPSEG = "SYS1.PSEGLIB" | Value
The data set name of the library that contains your PSEGS

- Value: the data set name in your installation
- Length of Value: 1 to 44

DCFCPYGP = "SYS1.DCF.MACLIB" | Value
The data set name of the library that contains your COPYGROUPS

- Value: the data set name in your installation
- Length of Value: 1 to 44

DCFFDEF = "SYS1.FDEFLIB" | Value
The data set name of the library that contains your FORMDEFS

- Value: the data set name in your installation
- Length of Value: 1 to 44

DCFOVLY = "SYS1.OVERLIB" | Value
The data set name of the library that contains your OVERLAYS

- Value: the data set name in your installation
- Length of Value: 1 to 44

DCFPROF = "SYS1.DCF.MACLIB" | Value
The data set name of the library that contains your DCF profiles.

- Value: the data set name in your installation
- Length of Value: 1 to 44

DCFMACL = "SYS1.DCF.MACLIB" | Value
The data set name of the library that contains your DCF macros.

- Value: the data set name in your installation
- Length of Value: 1 to 44

DCFIMBD = "SYS1.DCF.MACLIB" | Value
The data set name of the library that contains your DCF IMBEDS .

- Value: the data set name in your installation
- Length of Value: 1 to 44

A.9.8 National language support-specific parameters

INSTDEU = "NO" | "YES"

Installation Indicator: **Install** the language **GERMAN** (DEU) (FMID = JSF1303)

Note:

During phase 1 the parameter indicates whether the FMID should be SMP/E installed or not.

The parameter indicates whether the installation parts (Jobs, cluster etc.) needed to activate the FMID are to be generated.

- NO: the language GERMAN (DEU) is NOT to be installed now.
- YES: the language GERMAN (DEU) is to be installed now.

INSTFRA = "NO" | "YES"

Installation Indicator: **Install** the language **FRENCH** (FRA) (FMID = JSF1304)

Note:

The parameter indicates whether the installation parts (Jobs, cluster etc.) needed to activate the FMID are to be generated.

- NO: the language FRENCH (FRA) is NOT to be installed now.
- YES: the language FRENCH (FRA) is to be installed now.

INSTNLD = "NO" | "YES"

Installation Indicator: **Install** the language **DUTCH** (NLD) (FMID = JSF1305)

Note:

The parameter indicates whether the FMID should be SMP/E installed or not.

During phase 2 the parameter indicates whether the installation parts (Jobs, cluster etc.) needed to activate the FMID are to be generated.

- NO: the language DUTCH (NLD) is NOT to be installed now.
- YES: the language DUTCH (NLD) is to be installed now.

INSTESP = "NO" | "YES"

Installation Indicator: **Install** the language **SPANISH** (ESP) (FMID = JSF1306)

Note:

The parameter indicates whether the FMID should be SMP/E installed or not.

During phase 2 the parameter indicates whether the installation parts (Jobs, cluster etc.) needed to activate the FMID are to be generated.

- NO: the language SPANISH (ESP) is NOT to be installed now.
- YES: the language SPANISH (ESP) is to be installed now.

INSTDAN = "NO" | "YES"
Installation Indicator: **Install** the language **DANISH** (DAN) (FMID = JSF1307)

Note:

The parameter indicates whether the installation parts (Jobs, cluster etc.) needed to activate the FMID are to be generated.

- NO: the language DANISH (DAN) is NOT to be installed now.
- YES: the language DANISH (DAN) is to be installed now.

INSTENU = "NO" | "YES"
Installation Indicator: **Install** the language **US-ENGLISH** (ENU)

Note: The language ENU has no own FMID, the language is SMP/E installed together with the base FMID

Note:

This parameter allows to suppress the installation of the ENU parts (load databases, create message pools, jobs etc.).

For example this allows a German customer to create an Installation without all the English material received with the base FMID.

- NO: the language US-ENGLISH (ENU) is NOT to be installed now.
- YES: the language US-ENGLISH (ENU) is to be installed now.

SESLNG0 = "ENU" | "Value"
Language associated with transaction code "FSN0"

This value determines in which language the ASF sign-on panel is displayed if you enter the transaction code native on screen

The value of this parameter must match the value of the default sign-on language (SESLNG0) you have specified in member FSNT000C (CICS) or in member FSNT000I (IMS) in library SRCELIB.

- Value: default sign-on language, one of the supported languages (ENU, DEU, FRA, NLD, ESP, DAN)
- Length of Value: 3

SESLNG1 = "DEU" | "Value"
Language associated with transaction code "FSN1" (CICS and IMS)

The value of this parameter must match the value of the alternate sign-on language (SESLNG1) you have specified in member FSNT000C (CICS) or in member FSNT000I (IMS) in library SRCELIB.

- Value: alternate sign-on language, one of the supported languages (ENU, DEU, FRA, NLD, ESP, DAN)
- Length of Value: 3

SESLNG2 = "FRA" | "Value"
Language associated with transaction code "FSN2" (CICS and IMS)

The value of this parameter must match the value of the alternate sign-on language (SESLNG2) you have specified in member FSNT000C (CICS) or in member FSNT000I (IMS) in library SRCELIB.

- Value: alternate sign-on language, one of the supported languages (ENU, DEU, FRA, NLD, ESP, DAN)
- Length of Value: 3

SESLNG3 = "NLD" | "Value"
Language associated with transaction code "FSN3" (CICS and IMS)

The value of this parameter must match the value of the alternate sign-on language (SESLNG3) you have specified in member FSNT000C (CICS) or in member FSNT000I (IMS) in library SRCELIB.

- Value: alternate sign-on language, one of the supported languages (ENU, DEU, FRA, NLD, ESP, DAN)
- Length of Value: 3

SESLNG4 = "ESP" | "Value"
Language associated with transaction code "FSN4" (CICS and IMS)

The value of this parameter must match the value of the alternate sign-on language (SESLNG4) you have specified in member FSNT000C (CICS) or in member FSNT000I (IMS) in library SRCELIB.

- Value: alternate sign-on language, one of the supported languages (ENU, DEU, FRA, NLD, ESP, DAN)
- Length of Value: 3

SESLNG5 = "DAN" | "Value"
Language associated with transaction code "FSN5" (CICS and IMS)

The value of this parameter must match the value of the alternate sign-on language (SESLNG5) you have specified in member FSNT000C (CICS) or in member FSNT000I (IMS) in library SRCELIB.

- Value: alternate sign-on language, one of the supported languages (ENU, DEU, FRA, NLD, ESP, DAN)
- Length of Value: 3

A.9.9 DB2-specific parameters

INSTDB2 = "NO" | "YES"
Installation Indicator: Indicates whether you will run your installation with DB2 support

- NO: ASF, runs without DB2 support
- YES: ASF, runs with DB2 support

DB2LIB = "SYS1.SDSNLOAD" | Value
 DB2 load library data set name

   - Value: the data set name in your installation
   - Length of Value: 1 to 44

DB2LIB2 = "NONE" | Value
 DB2 load library data set name (part 2)

   - Value: the data set name in your installation
   - Length of Value: 1 to 44

DB2RUN = "SYS1.RUNLIB.LOAD" | Value
 DB2 runtime library data set name

   - Value: the data set name in your installation
   - Length of Value: 1 to 44

DB2SYS = "DB2H" | Value
 DB2 subsystem name

   - Value: the name of your DB2 subsystem
   - Length of Value: 1 to 4

DSNTIAD = "DSNTIAD" | Value
 DB2 plan name of sample program DSNTIAD

   - Value: the plan name in your installation
   - Length of Value: 1 to 8

DSNTIAB = "DSNTIAUL" | Value
 DB2 plan name of sample program DSNTIAUL

   - Value: the plan name in your installation
   - Length of Value: 1 to 8

A.10 Description of the parameters in parameter file FSNENVxx

A.10.1 DB2 environment-specific parameters

A.10.1.1 DB2 environment-specific global parameters

FSNENV = "FSNE0001" | Value
Name of ASF environment (see FSNT100C/I) in library SRCELIB

- Value: Name of ASF environment
- Length of Value: 1 to 8

DB2CID = "FSNCOLL1" | Value
Name of DB2 collection

- Value: DB2 collection ID for collection
- Length of Value: 1 to 8

DB2AUTH = "FSNQUAL1" | Value
Name of DB2 authorization ID used in DB2 collections

- Value: Authorization ID used in collections
- Length of Value: 1 to 8

DB2GRCOL = "GROUP1,GROUP2" | Value
DB2 grantees for execute packages

- Value: RACF information in your installation
- Length of Value: 1 to 8

DB2GRPLA = "PUBLIC" | Value
DB2 grantees for execute DB2 plans and for table selection

- Value: RACF information in your installation
- Length of Value: 1 to 8

DB2GRTBL = "GROUP1,GROUP2" | Value
DB2 grantees for all DB2 tables used for SPUFI

- Value: RACF information in your installation
- Length of Value: 1 to 8

DB2SG = "FSNS0001" | Value
DB2 storage group name

- Value: the name for your DB2 storage group
- Length of Value: 1 to 8

DB2SGGR = "GROUP1,GROUP2" | Value
DB2 storage group grantees

- Value: RACF information in your installation
- Length of Value: 1 to 8

DB2DB = "FSND0001" | Value
DB2 database name

- Value: the name for your DB2 database
- Length of Value: 1 to 8

DB2DBGR = "GROUP1,GROUP2" | Value
DB2 database group grantees

- Value: RACF information in your installation
- Length of Value: 1 to 8

DB2BP = "BP0" | Value
DB2 buffer pool

- Value: Buffer pool in your installation
- Length of Value: 1 to 8

DB2BPI = "BP0" | Value
DB2 buffer pool index

- Value: Buffer pool in your installation
- Length of Value: 1 to 8

DB2VOLS = "POOL06" | Value
volumes for storage groups

- Value: Volumes in your installation
- Length of Value: 1 to 8

DB2VCAT = "FSN" | Value
catalog for DB2 data sets

- Value: catalog name in your installation
- Length of Value: 1 to 8

DB2DSETP = "NONE" | Value
DSETPASS parameter for table space

- Value: DSETPASS value in your installation
- Length of Value: 1 to 8

Note: A value of "NONE" specifies that password verification is omitted.

A.10.1.2 DB2 environment-specific parameters for GIL

DB2TYGIL = <u>"T"</u> | Value
   DB2 type of GIL tables

   - Value: Kind of DB2 object GIL
     - T: Table
     - V: View
     - A: Alias
   - Length of Value: 1

DB2TAGIL = <u>"NONE"</u> | Value
   DB2 authorization of origin GIL table if DB2TYGIL is a DB2 view or alias

   - Value: DB2 authorization ID of origin GIL
   - Length of Value: 1 to 8

DB2TSGIL = <u>"FSNI1GIL"</u> | Value
   DB2 table space for table FSNTGIL_H

   - Value: DB2 table space name
   - Length of Value: 1 to 8

DB2TSGIC = <u>"FSNI1GIC"</u> | Value
   DB2 table space for compressed GIL table FSNTGIL_TXT

   - Value: DB2 table space name
   - Length of Value: 1 to 8

DB2TSGIP = <u>"FSNI1GIP"</u> | Value
   DB2 table space for GIL table FSNTGIL_PDR

   - Value: DB2 table space name
   - Length of Value: 1 to 8

DB2TSGIM = <u>"FSNI1GIM"</u> | Value
   DB2 table space for GIL table FSNTGIL_MSEG

   - Value: DB2 table space name
   - Length of Value: 1 to 8

DB2TSGIO = <u>"FSNI1GIO"</u> | Value
   DB2 table space for GIL table FSNTGIL_OBJCOMP

   - Value: DB2 table space name
   - Length of Value: 1 to 8

DB2TSGIR = <u>"FSNI1GIR"</u> | Value
   DB2 table space for GIL table FSNTGIL_RSQ

   - Value: DB2 table space name

- Length of Value: 1 to 8

DB2TSGIJ = <u>"FSNI1GIJ"</u> | Value
    DB2 table space for GIL table FSNTGIL_OBJPRM

- Value: DB2 table space name
- Length of Value: 1 to 8

A.10.1.3 DB2 environment-specific parameters for CLL

DB2TYCLL = <u>"T"</u> | Value
    DB2 type of CLL tables

- Value: Kind of DB2 object CLL
    - T: Table
    - V: View
    - A: Alias
- Length of Value: 1

DB2TACLL = <u>"NONE"</u> | Value
    DB2 authorization ID of origin CLL table if DB2TYCLL is a DB2 view or alias

- Value: DB2 authorization ID of origin CLL
- Length of Value: 1 to 8

DB2TSCLL = <u>"FSNI1CLL"</u> | Value
    DB2 table space for table FSNTCLL_H

- Value: DB2 table space name
- Length of Value: 1 to 8

DB2TSCLC = <u>"FSNI1CLC"</u> | Value
    DB2 table space for compressed CLL table FSNTCLL_TXT

- Value: DB2 table space name
- Length of Value: 1 to 8

DB2TSCLO = <u>"FSNI1CLO"</u> | Value
    DB2 table space for CLL table FSNTCLL_OBJCOMP

- Value: DB2 table space name
- Length of Value: 1 to 8

DB2TSCLR = <u>"FSNI1CLR"</u> | Value
    DB2 table space for CLL table FSNTCLL_RSQ

- Value: DB2 table space name
- Length of Value: 1 to 8

DB2TSCLP = "FSNI1CLP" | Value
    DB2 table space for CLL table FSNTCLL_OBJPRM

- Value: DB2 table space name
- Length of Value: 1 to 8

A.10.1.4 DB2 environment-specific parameters for SLL

DB2TYSLL = "T" | Value
    DB2 type of SLL tables

- Value: Kind of DB2 object SLL
  - T: Table
  - V: View
  - A: Alias
- Length of Value: 1

DB2TASLL = "NONE" | Value
    DB2 authorization ID of origin SLL table if DB2TYSLL is a DB2 view or alias

- Value: DB2 authorization ID of origin SLL
- Length of Value: 1 to 8

DB2TSSLL = "FSNI1SLL" | Value
    DB2 table space for table FSNTSLL_H

- Value: DB2 table space name
- Length of Value: 1 to 8

DB2TSSLC = "FSNI1SLC" | Value
    DB2 table space for compressed SLL table FSNTSLL_TXT

- Value: DB2 table space name
- Length of Value: 1 to 8

DB2TSSLO = "FSNI1SLO" | Value
    DB2 table space for SLL table FSNTSLL_OBJCOMP

- Value: DB2 table space name
- Length of Value: 1 to 8

DB2TSSLR = "FSNI1SLR" | Value
    DB2 table space for SLL table FSNTSLL_RSQ

- Value: DB2 table space name
- Length of Value: 1 to 8

DB2TSSLP = "FSNI1SLP" | Value
　　DB2 table space for SLL table FSNTSLL_OBJPRM

- Value: DB2 table space name
- Length of Value: 1 to 8

A.10.1.5 DB2 environment-specific parameters for Tables for continuous formatting

DB2TYAFP = "T" | Value
　　DB2 type of AFP tables

- Value: Kind of DB2 object AFP
  - T: Table
  - V: View
  - A: Alias
- Length of Value: 1

DB2TAAFP = "NONE" | Value
　　DB2 authorization ID of origin AFP table if DB2TYAFP is a DB2 view or alias

- Value: DB2 authorization ID of origin AFP
- Length of Value: 1 to 8

DB2TSAFP = "FSNI1AFP" | Value
　　DB2 table space for table FSNTAFP

- Value: DB2 table space name
- Length of Value: 1 to 8

DB2TYERR = "T" | Value
　　DB2 type of ERR tables

- Value: Kind of DB2 object ERR
  - T: Table
  - V: View
  - A: Alias
- Length of Value: 1

DB2TAERR = "NONE" | Value
　　DB2 authorization ID of origin ERR table if DB2TYERR is a DB2 view or alias

- Value: DB2 authorization ID of origin ERR
- Length of Value: 1 to 8

DB2TSERR = "FSNI1ERR" | Value
　　DB2 table space for table FSNTSERR

- Value: DB2 table space name
- Length of Value: 1 to 8

DB2TYRES = "T" | Value
  DB2 type of Resource table

  - Value: Kind of DB2 object RES
    - T: Table
    - V: View
    - A: Alias
  - Length of Value: 1

  DB2TARES = "NONE"

DB2TARES = "NONE" | Value
  DB2 authorization ID of origin RES table if DB2TYRES is a DB2 view or alias

  - Value: Authorization id of origin RES
  - Length of Value: 1 to 8

DB2TSRES = "FSNI1RES" | Value
  DB2 table space for table FSNTSRES

  - Value: DB2 table space name for resource table
  - Length of Value: 1 to 8

Appendix B. Exits and their compile/link jobs

Below you can find a complete list of all exits supported by ASF.

During post-installation the source of the exits is copied to library SRCELIB and a job to compile and link each of them is created on library JCLLIB.

Note: The parts copied/created on library SRCELIB and library JCLLIB are depending on your installation parameters which you have set to "YES". Only the parts applicable to your installation are created.

Figure 22 (Page 1 of 2). List of exits supported by ASF					
Exit module Source member	**Compile and link job**	**Function**	**Web Client**	**3270 Host**	**Batch**
FSNBDCE	FSNJBDCE	Change separator line			*
FSNBUSF	FSNJBUSF	User sort info			*
FSNHLPE	FSNJHLPE	Provide HELP record		*	
FSNHPLS	FSNJHPLS	Plausibility check	*	*	*
FSNITPE	FSNJITPE	Individual text exit		*	
FSNLCME	FSNJLCME	Document Composition termination exit		*	*
FSNOPAE	FSNJOPAE	Online print adjustment exit		*	
FSNPFKE	FSNJPFKE	PF-key exit		*	
FSNPRTE	FSNJPRTE	Deferred print exit		*	
FSNSECEB	FSNJSECB	External security exit (batch document composition)			*
FSNSECEC	FSNJSECC	External security exit (CICS online)	*	*	
FSNSECEI	FSNJSECI	External security exit (IMS online)	*	*	
FSNWLCM	FSNJWLCM	Finalize Composition termination exit Web	*		
FSNWPRTE	FSNJWPRT	Deferred print exit - Web Client	*		

Figure 22 (Page 2 of 2). List of exits supported by ASF					
Exit module Source member	**Compile and link job**	**Function**	**Web Client**	**3270 Host**	**Batch**
FSNWTBL	FSNJWTBL	Parameter table for immediate print	*	*	

Appendix C. Batch programs and their execution jobs

Figure 23 (Page 1 of 2). Batch programs and their execution jobs			
Load module	**Environment**	**Execution job**	**Remarks**
FSNACPM	IMS & CICS	FSNUACPF FSNUACPT	Code Page Translation for Tailoring Input and Message Pool
FSNCDCF	IMS & CICS	FSNUCDCF	Generate GML tag input for FSNLOAD
FSNBDCFC	CICS	FSNUBDCC	Batch DCF formatting
FSNBDCFI	IMS	FSNUBDCI	Batch DCF formatting
FSNCEXPC	CICS	FSNUEXPC	Export CLL
FSNCEXPI	IMS	FSNUEXPI	Export CLL
FSNRSETC	CICS	FSNURSTC	Unlock ESDS file FSNLRR
FSNLOADC	CICS	FSNULOAC	Load GIL records
FSNLOADI	IMS	FSNULOAI	Load GIL records
FSNLGILC	CICS	FSNULGLC	List GIL contents
FSNLGILI	IMS	FSNULGLI	List GIL contents
FSNPGILC	CICS	FSNUPGLC	Print GIL contents
FSNPGILI	IMS	FSNUPGLI	Print GIL contents
FSNBTCHC	CICS	FSNUATCC	Execute batch document creation
		FSNUATRC	Restart batch document creation
FSNBTCHI	IMS	FSNUATCI	Execute batch document creation
FSNBTC2I	IMS & CICS		Batch Document Composition as callable program
FSNBRULC	CICS	FSNURULC	Resource Unload GIL
FSNBRULI	IMS	FSNURULI	Resource Unload GIL
FSNBRRLC	CICS	FSNURRLC	Resource Reload GIL
FSNBRRLI	IMS	FSNURRLI	Resource Reload GIL

Figure 23 (Page 2 of 2). Batch programs and their execution jobs			
Load module	**Environment**	**Execution job**	**Remarks**
FSNBRULC	CICS	FSNURULC	Resource Unload UPL
FSNBRULI	IMS	FSNURULI	Resource Unload UPL
FSNBRRLC	CICS	FSNURRLC	Resource Reload UPL
FSNBRRLI	IMS	FSNURRLI	Resource Reload UPL

Appendix D. Programs and transaction codes

				Ter-mi-nal In-put
Figure 24 (Page 1 of 2). Online Transaction Codes and Programs (IMS and CICS)				
TX-Code	Environment	Load Module	Function	
FSNA	CICS	FSNASF1	Reset	YES
FSNA	IMS CONV	FSNASF1I	Reset	YES
FSSA	IMS NONCONV	FSNASF1I	Reset	YES
FSNB	CICS	FSNXF01	Signon Builder	
FSNC	IMS CONV	FSNASF1I	Call TX-Code	
FSSC	IMS NONCONV	FSNASF1I	Call TX-Code	
FSNE	CICS	FSNERRH	Error Handler	
FSNH	CICS	FSNZFS2	Fast Path Handler	
FSNI	IMS CONV	FSNASF1I	Signon TX-Code	YES
FSSI	IMS NONCONV	FSNASF1I	Signon TX-Code	YES
FSNL	CICS	FSNASF2	Library Maintenance	
FSNO	IMS CONV	FSNASF3I	List function (Dialog)	
FSSO	IMS NONCONV	FSNASF3I	List function (Dialog)	
FSNP	IMS CONV	FSNASF3I	List function (Return)	
FSSP	IMS NONCONV	FSNASF3I	List function (Return)	
FSNR	IMS CONV	FSNASF1I	Return TX-Code	
FSSR	IMS NONCONV	FSNASF1I	Return TX-Code	
FSNW	IMS	FSNWWF1I	AFP print BMP/WFI	
FSNZ	CICS	FSNASF3	List function	
FSNZ	IMS CONV	FSNASF3I	List function	
FSSZ	IMS NONCONV	FSNASF3I	List function	
FSN0	CICS	FSNASF1	Signon TX-Code	YES
FSN0	IMS CONV	FSNASF1I	Signon TX-Code	YES
FSS0	IMS NONCONV	FSNASF1I	Signon TX-Code	YES

TX-Code	Environment	Load Module	Function	Terminal Input
			Figure 24 (Page 2 of 2). Online Transaction Codes and Programs (IMS and CICS)	
FSN1	CICS	FSNASF1	Alternate Signon TX-Code	YES
FSN1	IMS CONV	FSNASF1I	Alternate Signon TX-Code	YES
FSS1	IMS NONCONV	FSNASF1I	Alternate Signon TX-Code	YES
FSN2	CICS	FSNASF1	Alternate Signon TX-Code	YES
FSN2	IMS CONV	FSNASF1I	Alternate Signon TX-Code	YES
FSS2	IMS NONCONV	FSNASF1I	Alternate Signon TX-Code	YES
FSN3	CICS	FSNASF1	Alternate Signon TX-Code	YES
FSN3	IMS CONV	FSNASF1I	Alternate Signon TX-Code	YES
FSS3	IMS NONCONV	FSNASF1I	Alternate Signon TX-Code	YES
FSN4	CICS	FSNASF1	Alternate Signon TX-Code	YES
FSN4	IMS CONV	FSNASF1I	Alternate Signon TX-Code	YES
FSS4	IMS NONCONV	FSNASF1I	Alternate Signon TX-Code	YES
FSN5	CICS	FSNASF1	Alternate Signon TX-Code	YES
FSN5	IMS CONV	FSNASF1I	Alternate Signon TX-Code	YES
FSS5	IMS NONCONV	FSNASF1I	Alternate Signon TX-Code	YES
WEB0	CICS	FSNWEB1C	Call Tx Code ASF Web Client	
WEBC	IMS CONV	FSNWEB1I		
WESC	IMS NONCONV			
WEBI	IMS CONV	FSNWEB1I	Tx Code for Server Interaction	
WESI	IMS NONCONV	FSNWEB1I	ASF Web Client	
WEBR	IMS CONV	FSNWEB1I	Return Tx Code ASF Web Client	
WESR	IMS NONCONV	FSNWEB1I		

Appendix E. Sample programs and their compile/link jobs

Below you can find a list of sample programs delivered with ASF.

During post-installation the source of the sample programs is copied to library SRCELIB and a job to compile and link each of them is created on library JCLLIB.

Note: The parts copied/created on library SRCELIB and library JCLLIB are depending on your installation parameters which you have set to "YES". Only the parts applicable to your installation are created.

Figure 25. Sample programs and their compile/link jobs

Program name Source member	Environment	Function
DFHZNEP FSNPNEP	CICS TS 1.3	Sample NODE ERROR program (node error handling)
DFHPEP FSNPPEP	CICS TS 1.3	Sample PROGRAM ERROR program (ABEND handling)

Figure 26. Sample programs for batch Document Composition

Program name Source member	Environment	Function
FSNBDCC FSNSBDCC FSNBDCI FSNSBDCI	CICS IMS	Sample Data Collection program Batch document composition (FSNBTCH)
FSNBPDC FSNSBPDC FSNBPDI FSNSBPDI	CICS IMS	Sample Parameter Determination program Batch document composition
FSNBPVC FSNSBPVC FSNBPVI FSNSBPVI	CICS IMS	Sample Parameter Verification program Batch document composition

Appendix F. Installation worksheet

F.1.1 Global generation parameters

Figure 27. Global generation parameters		
Parameter name	**IBM default value**	**User value**
DRYRUN	"YES"	

F.1.2 JOB-specific parameters

Figure 28. JOB-specific parameters		
Parameter name	**IBM default value**	**User value**
JOBLIN1	"//*"	
JOBLIN2	"//*"	
JOBLIN3	"//*"	
JOBLIN4	"//*"	
JOBLIN5	"//*"	
JOBLIN6	"//*"	
JOBOUTC	"*"	
WDSK	"SYSDA"	
SDSK	"SYSDA"	
SMS	"NO"	

F.1.3 Global parameters

Parameter name	IBM default value	User value
Figure 29. Global parameters		
LKEDNAME	"IEWL"	
ASSNAME	"ASMA90"	
ASSOUT	"SYSLIN"	
SORTLIB	"SYS1.SORTLIB"	
CODEPAGE *	"1140"	
FSNHLQ	"FSN.ASFV3R3"	
VSMHLQ	"FSN.ASFV3R3"	
FSNUNIT	"SYSDA"	
VSMUNIT	"SYSDA"	
FSNVOL	"NONE"	
VSMVOL	"NONE"	

F.1.4 LE/370-specific information

Parameter name	IBM default value	User value
Figure 30. LE/370-specific parameters		
LELKED	"SYS1.SCEELKED"	
LERUN	"SYS1.SCEERUN"	
LERUN1	"SYS1.SCEECICS"	
LECOMP	"SYS1.SIELCOMP"	

F.1.5 CICS-specific parameters

Figure 31. CICS global parameters		
Parameter name	**IBM default value**	**User value**
INSTCICS	"NO"	
FSNPROF	"FSNRPRO"	
RECOVERY	"BACKOUTONLY"	
RECOVLOG	"NO"	
ERRPREF	"FSN"	
TCTDISP *	"0"	
CICSLIB	"SYS1.SDFHLOAD"	
CICSMAC	"SYS1.SDFHMAC"	
CICSCSD	"FSN.ASFV3R3.DFHCSD"	
TBLSUFF	"AS"	
FSNGROUP	"FSNRGROU"	
FSNLIST	"FSNRLIST"	

Figure 32 (Page 1 of 2). CICS VSAM cluster definitions (no. of cylinders)		
Parameter name	**IBM default value**	**User value**
UPLCYL1	"1"	
UPLCYL2	"1"	
GILSZ *	"6144"	
GILCYL1	"10"	
GILCYL2	"1"	
GXLCYL1	"1"	
GXLCYL2	"1"	
ISLSZ *	"8192"	
ISLCYL1	"1"	
ISLCYL2	"1"	
WSLCYL1	"1"	
WSLCYL2	"1"	
USLCYL1	"1"	
USLCYL2	"1"	
WSLCYL1	"1"	
WSLCYL2	"1"	

Figure 32 (Page 2 of 2). CICS VSAM cluster definitions (no. of cylinders)		
Parameter name	**IBM default value**	**User value**
ZSLCYL1	"1"	
ZSLCYL2	"1"	
CLLCYL1	"1"	
CLLCYL2	"1"	
SLLCYL1	"1"	
SLLCYL2	"1"	
FLLCYL1	"1"	
FLLCYL2	"1"	
DJLCYL1	"1"	
DJLCYL2	"1"	
EXPCYL1	"1"	
EXPCYL2	"1"	

F.1.6 IMS-specific parameters

Figure 33. IMS global parameters		
Parameter name	**IBM default value**	**User value**
INSTIMS	"NO"	
CONV	"NO"	
NONCONV	"YES"	
RESLIB	"IMS710.RESLIB"	
DBDLIB	"IMS710.DBDLIB"	
PSBLIB	"IMS710.PSBLIB"	
ACBLIB	"IMS710.ACBLIB"	
PROCLIB	"IMS710.PROCLIB"	
RECON1	"IMS710.RECON1"	
RECON2	"IMS710.RECON2"	
RECON3	"IMS710.RECON3"	
IMSGUTL	"MFSUTL"	
IMSGDBD	"DBDGEN"	
IMSGPSB	"PSBGEN"	
IMSGACB	"ACBGEN"	
IMSGDLI	"DLIBATCH"	
DEVICE	"3390"	

Figure 34 (Page 1 of 2). IMS VSAM cluster definitions (no. of cylinders)		
Parameter name	**IBM default value**	**User value**
ISPACYL1	"1"	
ISPACYL2	"1"	
IGILSZ *	"6144"	
IGILCYL1	"10"	
IGILCYL2	"1"	
IGLXCYL1	"1"	
IGLXCYL2	"1"	
IGXLCYL1	"1"	
IGXLCYL2	"1"	
IGXOCYL1	"1"	
IGXOCYL2	"1"	

Figure 34 (Page 2 of 2). IMS VSAM cluster definitions (no. of cylinders)		
Parameter name	IBM default value	User value
IISLSZ *	"8192"	
IISLCYL1	"1"	
IISLCYL2	"1"	
IWSLCYL1	"1"	
IWSLCYL2	"1"	
IUPLCYL1	"1"	
IUPLCYL2	"1"	
IULXCYL1	"1"	
IULXCYL2	"1"	
IUSLCYL1	"1"	
IUSLCYL2	"1"	
IUSXCYL1	"1"	
IUSXCYL2	"1"	
IZSLCYL1	"1"	
IZSLCYL2	"1"	
ICLLCYL1	"1"	
ICLLCYL2	"1"	
ICLXCYL1	"1"	
ICLXCYL2	"1"	
ISLLCYL1	"1"	
ISLLCYL2	"1"	
ISLXCYL1	"1"	
ISLXCYL2	"1"	
IFLLCYL1	"1"	
IFLLCYL2	"1"	
IFLXCYL1	"1"	
IFLXCYL2	"1"	
IDJLCYL1	"1"	
IDJLCYL2	"1"	

F.1.7 Document Composition specific parameters

Figure 35. Document Composition parameters		
Parameter name	**IBM default value**	**User value**
INSTCOB	"NO"	
COBLIB	"SYS1.COB2LIB"	
DCFLIB	"SYS1.DCF.LINKLIB"	
GMLINP	"SYS1.DCF.SEQ"	
DCFFONT	"SYS1.FONT3820"	
DCFPSEG	"SYS1.PSEGLIB"	
DCFCPYGP	"SYS1.DCF.MACLIB"	
DCFFDEF	"SYS1.FDEFLIB"	
DCFOVLY	"SYS1.OVERLIB"	
DCFPROF	"SYS1.DCF.MACLIB"	
DCFMACL	"SYS1.DCF.MACLIB"	
DCFIMBD	"SYS1.DCF.MACLIB"	

F.1.8 National language support-specific parameters

Figure 36. Language-specific parameters			
Parameter name	**Source tailoring**	**IBM default value**	**User value**
INSTDEU		"NO"	
INSTFRA		"NO"	
INSTNLD		"NO"	
INSTESP		"NO"	
INSTDAN		"NO"	
INSTENU		"NO"	
SESLNG0	FSNT000C (CICS) FSNT000I (IMS)	"ENU"	
SESLNG1	FSNT000C (CICS) FSNT000I (IMS)	"DEU"	
SESLNG2	FSNT000C (CICS) FSNT000I (IMS)	"FRA"	
SESLNG3	FSNT000C (CICS) FSNT000I (IMS)	"NLD"	
SESLNG4	Phase 2 only FSNT000C (CICS) FSNT000I (IMS)	"ESP"	
SESLNG5	FSNT000C (CICS) FSNT000I (IMS)	"DAN"	

F.1.9 DB2-specific information

Figure 37. DB2-specific parameters		
Parameter name	**IBM default value**	**User value**
INSTDB2	"NO"	
DB2LIB	"SYS1.SDSNLOAD"	
DB2LIB2	"NONE"	
DB2RUN	"SYS1.RUNLIB.LOAD"	
DB2SYS	"DB2H"	
DSNTIAD	"DSNTIAD"	
DSNTIAB	"DSNTIAUL"	

F.1.10 DB2 environment-specific parameters

Figure 38 (Page 1 of 2). DB2 environment FSNE0001 - global parameters		
Parameter name	**IBM default value**	**User value**
FSNENV	"FSNE0001"	
DB2CID	"FSNCOLL1"	
DB2AUTH	"FSNQUAL1"	
DB2GRCOL	"GROUP1,GROUP2"	
DB2GRPLA	"PUBLIC"	
DB2GRTBL	"GROUP1,GROUP2"	
DB2SG	"FSNS0001"	
DB2SGGR	"GROUP1,GROUP2"	
DB2DB	"FSND0001"	
DB2DBGR	"GROUP1,GROUP2"	
DB2BP	"BP0"	
DB2BPI	"BP0"	
DB2VOLS	"POOL06"	
DB2VCAT	"FSN"	
DB2DSETP	"NONE"	
DB2TYGIL	"T"	
DB2TAGIL	"NONE"	
DB2TSGIL	"FSNI1GIL"	
DB2TSGIC	"FSNI1GIC"	
DB2TSGIP	"FSNI1GIP"	
DB2TSGIM	"FSNI1GIM"	
DB2TSGIO	"FSNI1GIO"	
DB2TSGIR	"FSNI1GIR"	
DB2TSGIJ	"FSNI1GIJ"	
DB2TYCLL	"T"	
DB2TACLL	"NONE"	
DB2TSCLL	"FSNI1CLL"	
DB2TSCLC	"FSNI1CLC"	
DB2TSCLO	"FSNI1CLO"	
DB2TSCLR	"FSNI1CLR"	
DB2TSCLP	"FSNI1CLP"	
DB2TYSLL	"T"	
DB2TASLL	"NONE"	

Figure 38 (Page 2 of 2). DB2 environment FSNE0001 - global parameters		
Parameter name	**IBM default value**	**User value**
DB2TSSLL	"FSNI1SLL"	
DB2TSSLC	"FSNI1SLC"	
DB2TSSLO	"FSNI1SLO"	
DB2TSSLR	"FSNI1SLR"	
DB2TSSLP	"FSNI1SLP"	
DB2TYAFP	"T"	
DB2TAAFP	"NONE"	
DB2TSAFP	"FSNI1AFP"	
DB2TYERR	"T"	
DB2TAERR	"NONE"	
DB2TSERR	"FSNI1ERR"	
DB2TYRES	"T"	
DB2TARES	"NONE"	
DB2TSRES	"FSNI1RES"	

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Ease of product installation	1	2	3	4	5	N
Contents of program directory	1	2	3	4	5	N
Installation Verification Programs	1	2	3	4	5	N
Time to install the product	1	2	3	4	5	N
Readability and organization of program directory tasks	1	2	3	4	5	N
Necessity of all installation tasks	1	2	3	4	5	N
Accuracy of the definition of the installation tasks	1	2	3	4	5	N
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