Abbydale Systems LLC.

ASLWAIT

(IEFWAIT)

Program Information

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1   Overview

The program, **ASLWAIT (**formerly known as **IEFWAIT)**, is a simple program that will wait for an ECB to be posted that will never get posted!

The program can be used to simulate a long running task as the program will run until a STOP command is issued for it (TIME parameter permitting of course). **ASLWAIT** also allows for messages to be issued at start up, shutdown or both. This is particularly useful if you want to test out 'what if' scenarios for automation.

ASLWAIT has an alias of **IEFWAIT** as this used to be the name of the program and some older programs still call the program as this name. If this doesn't apply to your site, then the alias is not needed.

1.1   Passed Parameters

There are no parameters that need to be passed to **ASLWAIT**. Any passed parameters will be ignored by the program.
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1.2   Called Programs: ASLDCBS (Load Only)

1.3   IBM macros used:

CLOSE	DCB	DEVTYPE	EXTRACT
GET	IEFTIOT1	IEZCIB	IEZCOM
IHADCBE	OPEN	QEDIT	STIMER
STORAGE	WTO		

1.4   User macros used:

None

1.5   Assembled User Values

There are no user values to be assembled before using **ASLWAIT**, however, you should investigate the routing and descriptor codes that your site uses to ensure that they match those used by **ASLWAIT** when issuing messages from it.

If you need to increase, decrease or remove the final 3 second wait you will need to reassemble the source code.

2   Installation Procedure

2.1   From XMI File

The XMI (or XMIT) file is in IBM TSO TRANSMIT format and **must** be transferred to z/OS™ as a fixed blocked 80 byte BINARY file. The disk space requirement for the file is approximately 42 blocks of 3390 disk when blocked at 27920.

The FTP process (if performed in a 3270 emulator) must be performed in TSO READY mode or in option 6 of ISPF™.

The dataset name used as input for the TSO TRANSMIT was ABBYDALE.ASLWAIT.PDS. Unless this is changed by the TSO RECEIVE (Please refer to the IBM RECEIVE command for details on the use of this TSO command) command it will be the name of the dataset created by the RECEIVE command.

Once this dataset has been RECEIVEd you will need to execute the UNPACK member. This will unpack all the TRANSMITTED datasets. You will have the option of changing the high level qualifier for the datasets to be created.

The UPACK member should unpack three datasets. These are:

Hlq.ASLWAIT.JCL	Contains the JCL procedure for assembling both **ASLWAIT** and **ASLDCBS**. It also contains the JCL for running **ASLWAIT** and the JCL for assembling the programs
Hlq.ASLWAIT.LOADLIB	Contains the pre-assembled load modules. These are 'run ready'.
Hlq.ASLWAIT.SOURCE	Contains the source code for both **ASLWAIT** and **ASLDCBS.**

:
Once the ABBYDALE.ASLWAIT.PDS dataset has been received please refer to the $$INSTAL member to complete the installation.

A copy of this document is also available in the ASLWAIT.PDS dataset. This should be transferred to a Windows system as a binary file and saved as a .PDF file.

3   Using ASLWAIT

ASLWAIT can be executed as a standalone program via JCL or called from another program.

ASLWAIT is 31 bit and must have the non-executable module **ASLDCBS** available to it.

ASLDCBS actually contains the 31 bit DCBS that are used by several **Abbydale Systems** programs so it must be available to those programs .

Details of the **ASLDCBS** code can be found on our website at:

https://www.abbydalesystems.com/ASLDCBS.php

ASLWAIT has no required DD cards, but if you want it to issue messages then the pertinent DD cards need to be present. **ASLWAIT** will, by default, issue all user message to the JOBLOG of the job executing it, however, by coding the optional DD card CONSOLE these can be made to be issued to a console. You must investigate how your site routing and descriptor codes are set up and make any changes to **ASLWAIT** to match your site standards.

ASLWAIT use the routing and descriptor codes as shipped by IBM as it's default settings.

3.1   Available Parameters

There are no required parameters needed for **ASLWAIT.** Any parameters specified on the EXEC card will be ignored.

3.2 Required JCL for ASLWAIT

```
 1  //jobname  JOB
 2  //stepname EXEC PGM=ASLWAIT
 3  //STEPLIB  DD  DISP=SHR,DSN=your.load.library
 4  //CONSOLE  DD  DUMMY
 5  //DOWNMSGS DD  *
 6  //DOWN     DD  *
 7  //STOP     DD  *
 8  //UPMSGS   DD  *
 9  //UP       DD  *
10  //START    DD  *
```

JCL card	Required	Use
1	Yes	JOBCARD (Tailor to your site standards)
2	Yes	EXEC card.
3	Yes	This is the library where **ASLWAIT** & **ASLDCBS** are located The STEPLIB concatenation can only be removed if the modules reside in LNKLST libraries.
4	No	The CONSOLE DD card, if present, will route any user specified message to the system console rather than just the JOBLOG.
5-7	No	These DD cards can be used to define any messages that you want to be issued when **ASLWAIT** is shut down. Any of the DD names can be used but the search order in as defined in the JCL. If a prior DD card is found, it will be the one used and the other DOWN/STOP data definitions will be ignored. The dataset should be an 80 dataset or can be instream (DD *)
8-10	No	These DD cards can be used to define any messages that you want to be issued when **ASLWAIT** is starting up. Any of the DD names can be used but the search order in as defined in the JCL. If a prior DD card is found, it will be the one used and the other UP/START data definitions will be ignored. The dataset should be an 80 dataset or can be instream (DD *)

3.3   Available Modify Commands

 Apart from accepting a z/OS stop command (P jobname), **ASLWAIT** can be controlled by means of modify command (F jobname,xxxx). These commands and their actions are detailed below:

END

F jobname,END

This will terminate the **ASLWAIT** program. Any shutdown messages will be issued after this command is issued. The destination of the messages will depend on the presence or absence of a CONSOLE DD statement.

ASLWAIT will always wait an additional 3 seconds before ending.t

REDO

F jobname,REDO

This will force the job to reissue the startup messages (if any). The destination of the messages will depend on the presence or absence of a CONSOLE DD statement

REISSUE

F jobname,REISSUE

This has the same effect as the REDO command.

SHUT

F jobname,SHUT

This has the same effect as the END command.

STOP

F jobname,STOP

This has the same effect as the END command.

4   Messages

ASLW001I

ASLW001I : Free of START CIB unsuccessful

Meaning

The start command interface Block (CIB) was not found and therefore it was not freed.

Corrective Action

None needed. This is an informational message only

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ASLW002E

ASLW002E : Invalid command

Meaning

The modify command entered is not recognized by **ASLWAIT** and is being ignored.

Corrective Action

None needed. This is an informational message only. Please refer to the "Available Modify Commands for a list of acceptable modify commands.

ASLW003I

ASLW003I : Stop accepted

Meaning

The program detects a STOP command was issued and will close down. It will issue any messages that were defined to be issued before it closes down.

Corrective Action

None needed. This is an informational message only

ASLW013E

ASLW013E : Storage obtain failed. Abend S0C3

Meaning

The was unable to obtain the required storage for the program.

Corrective Action

Increase the region size for the job step and rerun the job. If the problem persists, please contact Abbydale Systems LLC for support if required.

5 Summary of Amendments

Date	Version	Fix Id.	Comment
28th May 2022	6.1	n/a	Release version.
3rd August 2021	6.0	n/a	Standardized messages and code.
28th June 2005	4.1	n/a	Ownership transferred to Abbydale Systems LLC.
28th June 2004	2.2	n/a	CONSOLE DD Support added
26th June 2004	2.1	n/a	Support for message issuing added
4th February 2003	2.0	n/a	Added command interface.
7th October 2002	1.0	n/a	IEFWAIT Program written

<u>Obtaining Support</u>

Support for, comments about and suggestions for enhancements for this product can be obtained from our website :

www.abbydalesystems.com

or by emailing us at

support@abbydalesystems.com

In order to assist us in filtering support emails please specify in the heading of the email the name of the product that you require support on.

Spam will not be tolerated at this email address.

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