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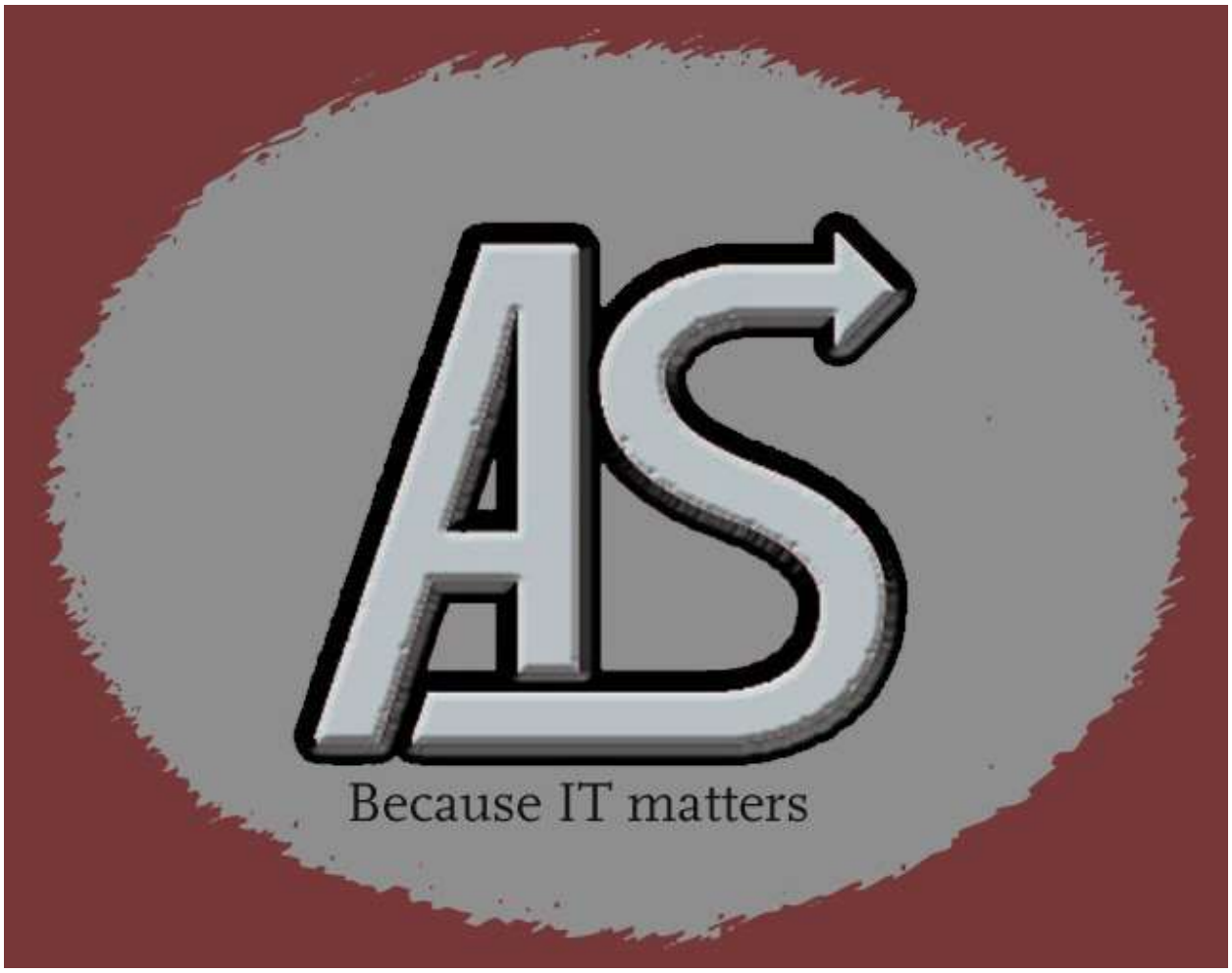

ASLDAYCC

Program Information

E-mail: Support@abbydalesystems.com

Abbydale Systems LLC.
2925 Gulf Freeway South
Suite B #229
LEAGUE CITY
Texas USA
77573

ATTN: K.E.Ferguson
Legal@abbydalesystems.com

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CONTENTS

1 Overview

The program, **ASLDAYCC**, is a simple assembler program that will return a condition code based upon the current day of the week. This is useful if you want to only run a job on a certain day of the week, especially if you don't have an automation package.

The day of the week that is to be considered the first day defaults to Sunday, but this can be changed via a passed parameter.

A day is considered to at the usual time (Midnight) but this can also be changed via a passed parameter. If the time to be considered a new day is changed then if the time of running is before the new time, then the previous day is considered to be the one that the return code should reflect.

The following table of default days and return code is used:

Day of Week	Return Code
Sunday	0
Monday	1
Tuesday	2
Wednesday	3
Thursday	4
Friday	5
Saturday	6

1.1 Available Parameters

There are no required parameters needed for **ASLDAYCC**, however if you wish to change the default start of week day and/or time from Sunday and midnight then you can do so by specifying the appropriate parameters.

There are two optional parameters supported by **ASLDAYCC**. The parameters can be specified in any order, and they are:

Parameter	Accepted Values	Meaning	Default
DAY1=	SUN, MON, TUE, WED, THU, FRI, Or SAT	The day of the week to be considered the start of the week. This will be the day that gets a return code of 0 if the program is run on that day.	SUN
OFFSET=	A single digit 0 through 9	The offset added to midnight when a new day is considered to have begun.	0 (00:00) i.e.Midnight

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1.2 Called Programs:

ASLDATER (Linked)

1.3 IBM macros used:

IEFJSSIB IEFSSOBH IEFSSVI LINK
STORAGE WTO

1.4 User macros used:

BEGIN EOJ GETPARM

1.5 User DSECTs:

ASLDATE

1.6 Assembled User Values

There are no user values to be assembled before using **ASLDAYCC**. If you want to change the WTO routing and/or descriptor codes you should change the source code appropriately and re-assemble **ASLDAYCC**.

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 57 tracks 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.**ASLDAYCC**.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.ASLDAYCC.JCL	Contains the JCL procedure for assembling **ASLDAYCC.** It also contains the JCL for running **ASLDAYCC** and the JCL for assembling the programs
Hlq.ASLDAYCC.LOADLIB	Contains the pre-assembled load modules **ASLDAYCC** and **ASLDATER**. These are 'run ready'.
Hlq.ASLDAYCC.MACLIB	Contains the assembled mapping DSECT **ASLDATE.**
Hlq.ASLDAYCC.SOURCE	Contains the source code for **ASLDAYCC.**

:
Once the ABBYDALE.**ASLDAYCC**.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 **ASLDAYCC**.PDS dataset. This should be transferred to a Windows system as a binary file and saved as a .PDF file.

3 Using ASLDAYCC

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

ASLDAYCC is 31 bit and must have the executable module **ASLDATER** available to it.

Details of **ASLDATER** can be found on our website at:

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

ASLDAYCC has no required DD cards other than the EXEC and, optionally a STEPLIB DD card if the programs (**ASLDATER** and/or **ASLDAYCC**) are not in the LINKLIST concatenation,

ASLDAYCC uses the routing and descriptor codes as shipped by IBM as it's default settings for the messages it issues.

3.1 Required JCL for ASLDAYCC

```
1 //jobname  JOB
2 //stepname EXEC PGM=ASLDAYCC
3 //STEPLIB  DD  DISP=SHR,DSN=your.load.library
```

JCL card	Required	Use
1	Yes	JOBCARD (Tailor to your site standards)
2	Yes	EXEC card.
3	Yes	This is the library where **ASLDAYCC** & **ASLDATER** are located. The STEPLIB can only be removed if the modules reside in LNKLST libraries.

3.2 Sample JCL

The following job stream demonstrates how to use **ASLDAYCC** to control the flow of a job based on the day and time it is run. The JCL assumes that the job will be run on a Saturday at 07:07 am.

```
//ASLDAYCC JOB
//DAY      EXEC PGM=ASLDAYCC,PARM='OFFSET=9,DAY1=THU'
//RUNDAY   EXEC PGM=ASLBR14,COND=(2,LE,DAY)
//SYSIN    DD   *
SUCCESS
//FAILDAY  EXEC PGM=ASLBR14,COND=(2,GT,DAY)
//SYSIN    DD   *
NOT RUN
//DAY2     EXEC PGM=ASLDAYCC,PARM='OFFSET=3,DAY1=THU'
//FAILDAY2 EXEC PGM=ASLBR14,COND=(2,LE,DAY2)
//SYSIN    DD   *
NOT RUN
//RUNDAY2  EXEC PGM=ASLBR14,COND=(2,GT,DAY2)
//SYSIN    DD   *
SUCCESS
```

The above job, when run at 07:07 on a Saturday will result in the following:

Step **DAY** will return a condition code of 1 (Thursday being day 0, Friday being day 1 and Saturday is not after 09 am so it is still considered to be Friday due to the offset being set at 9).

Step **RUNDAY** **will** execute and display the message “SUCCESS” on the job log and the condition for executing will be met.

Step **FAILDAY** **will be flushed** as the condition for executing will not have been met.

Step **DAY2** will return a condition code of 2 (Thursday being day 0, Friday being day 1 and Saturday is after 03 am so it considered to be a new day the offset being set at 3).

Step **FAILDAY2** **will be flushed** as the condition for executing will not have been met.

Step **RUNDAY2** **will** execute and display the message “SUCCESS” on the job log and the condition for executing will be met.

4 Messages

ASLDAY01E

ASLDAY01E - Invalid parameter passed. Abend S0C3

Meaning

The parameter passed to the program via the EXEC card is invalid.

Corrective Action

Specify the correct parameter and rerun the job.

ASLDAY02E

ASLDAY02E - Invalid day passed. Abend S0C3

Meaning

The value passed to the program via the DAY1= parameter is invalid.

Corrective Action

Correct the error and rerun the job. The only values accepted for DAY1 are SUN, MON, TUE, WED, THU, FRI or SAT. Only one of these values are allowed.

ASLDAY03E

ASLDAY03E - Invalid numeric

Meaning

An invalid numeric was passed for the OFFSET= parameter. The value must be a single digit in the range 0 – 9.

Corrective Action

Correct the error and rerun the job.

ASLDAY04E

ASLDAY04E - Logic Error. Contact support

Meaning

You should never actually get this message. If you do, then there is a logic error within the program, and you need to contact support to have the issue fixed.

The program will abend with an S0C3 abend.

Corrective Action

Please contact Abbydale Systems LLC for support if required. You will need to provide the program dump so we can investigate the issue.

ASLDAY13E

ASLDAY13E - Storage obtain failed. Abend S0C3

Meaning

The program 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.

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5 Summary of Amendments

Date	Version	Fix Id.	Comment
15th December 2023	2.1	n/a	Documentation typos fixed.
28th May 2022	2.1	n/a	Release version.
17th October 1998	1.0	n/a	Initial program written

Obtaining Support

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.

Where source code is provided for the product, support will be on a 'best efforts' basis. Where the user site has modified the source code, support may entail requesting copies of that sites source code and may result in support being withdrawn if this is not provided.

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