

# DECISION ANALYZER FOR MAINFRAMES RELEASE NOTICE

**Release 4.5.0**  
**January 31, 2005**

Release 4.5.0 of Decision Analyzer contains enhancements as well as corrections to prior releases. Therefore, you should use it to replace your existing release. You must upgrade both your batch data extraction engine and online server components; install the latest DALIBS, as well as the latest release of the PC Clients. First, backup your current DECALIB file using your current DECAUTIL batch program. Second, use your current version of DAPHUTIL to back up your production DALIB files before installing Decision Analyzer Release 4.5.0.

## All Users Upgrading from Release 4.2.3 or Earlier

**Note:** Skip this step if your current release is 4.3.0 or later. Release 4.5.0 requires that you convert your DECALIB from its pre-Release 4.3.0 format to a new format compatible with Release 4.3.0 and later. Once converted, you cannot go back and run an earlier release of Decision Analyzer. For this reason, we strongly suggest you create a permanent backup of your current DECALIB before installing Release 4.5.0 and save that backup in case you have to revert to a release earlier than Release 4.3.0. Follow this procedure:

1. Use your current release of Decision Analyzer (Release 4.2.3 or earlier) and backup DECALIB using DECAUTIL with the control statement, BACKUP. Save this backup.
2. Install Release 4.5.0.
3. Run the Release 4.5.0 version of DECAUTIL with the control statement, CONVERT.

Existing requests can now be used with Release 4.5.0.

## Adabas Users Upgrading from Release 4.2.0 or Earlier

**Note:** Skip this step if your current release is 4.2.3 or later. This release supports ADABAS database IDs up to 65,535 and file numbers up to 5,000. If you are upgrading from Release 4.2.0 or earlier, you must follow the steps outlined below using the Release 4.5.0 versions of the programs DECAUTIL and DAPHADIC. These steps must be performed before you access any existing ADABAS requests:

1. Use the Release 4.5.0 version of DECAUTIL to backup up DECALIB. Save this backup.
2. Run the Release 4.5.0 version of DAPHADIC.

Existing requests can now be used with Release 4.5.0.

## Decision Analyzer sites utilizing Output Security Level 3

(Information and sample JCL to execute the Decision Analyzer batch utility program DECAUTIL can be found in section 9 of the Decision Analyzer Administrator's Reference manual.)

The format of the Job Output Security Table has been changed in Release 4.5.0. All end users need to remove any existing output listings from their Decision Analyzer Job Output Security Table before moving to Release 4.5.0. (Output Security Level processing is discussed in section 4.8.3 VSE/ESA and 4.9.3 z/OS of the Decision Analyzer Installation Guide)

Use the Release 4.5.0 version of DECAUTIL with the following control statement. This will remove all existing job names from the Decision Analyzer Job Output Security Table.

```
DELETE USER='ALL' MEMBER=SECTAB AUX=999
```

## Support Discontinued

- The Windows Client no longer supports Microsoft Windows 95 nor does it support a screen resolution of 640 × 480. The minimum supported screen resolution is 800 × 600. Currently supported Microsoft operating systems are Windows 98, 2000, 2003, and XP.
- Releases of the Decision Analyzer earlier than Release 4.3.0 are no longer supported.

## Enhancements

### ***PC Clients***

The following enhancements have been implemented for the Windows Client and the Browser Client.

Library sharing and Group Libraries. A new feature has been added to the Decision Analyzer which allows the Administrator to define sharing schemes for User Libraries and set up Group Libraries. Prior to this release, a user had access to his or her own User Library and the Common Library. With Library sharing and Group Libraries, users may be granted access to requests in other User Libraries on either a read-only or read-write basis. The Administrator can set up Group Libraries and grant access to these libraries on a user-by-user basis. See the *Administrator's Reference* for more information.

The FDD Editor is now available for all online server environments, Transaction Server, TSO, and the e-Networks Standalone Interface.

When viewing the output of a request, in addition to deleting or printing the output, you now have the option to "Save" or e-mail the output in these additional formats: Portable Document Format (PDF); Rich Text File (RTF). When you "Save", the output becomes a file on your PC. When you e-mail, a new e-mail message is started with the output already attached as a file. See the *User Guide* for more information.

For the Browser Client, a progress meter has been added for file transfer. See the *User Guide* for more information.

The definition of the mainframe file used for transfer to the PC has been enhanced to allow the Administrator to specify up to 8 volumes for a VSAM file. See the *Administrator's Reference* for more information.

### ***DB2 and ADABAS***

For Adabas, logic has been added to better filter some superdescriptors, subdescriptors, MU and PE fields from dialogs where their selection may cause invalid or illogical results.

The format of the entries for BCL File Members (User Profile, BCL tab) and the JCL statements added to Lead JCL (User Profile, JCL tab) have been enhanced for Adabas and DB2 to allow the association of BCL or JCL down to the file, table, or view level (within an FDD). The new format is optional; either the old format, the new format, or both formats may be used. (In the following text, "view name", "file name", and "table name" may be considered synonymous.)

When you make an entry in the field labeled, "File to which statements apply," you may use either of these formats:

fddname  
or  
fddname.viewname

The view name should not be enclosed in single or double quotes (even if view name contains a dash or underscore character).

### ***Online Server***

The SVC Output Interface has been enhanced and is now available for JES 2 and JES 3. In earlier releases, the SVC Output Interface was not available for JES 3.

Enhanced the SVC Output Interface to handle expanded job numbers in z/OS.

DECA e-Net z/OS sites – Implementation of iterative mode processing. This allows single thread processing of Decision Analyzer transactions through TCP/IP rather than concurrent processing. This is a Startup parameter option.

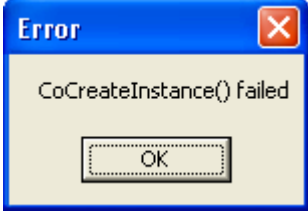
### ***Batch***

Implemented support for calling user-written subroutines running in AMODE 31.

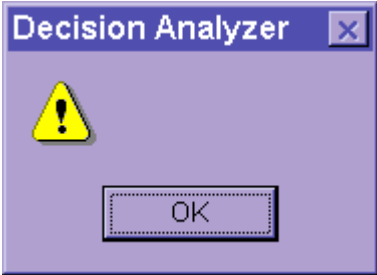
Implemented support for the printing of the EURO symbol or the US dollar sign on reports/listings. The DAOPTS Macro has been updated with a new keyword parameter of MONEY=DOLLAR or MONEY=EURO.

## Problems Corrected:

Bug Nbr	Area of Product Affected	Description of Problem That Has Been Corrected
6460	Record Selection Rules	Adding additional record selection rules causes a prompt asking if you want to use the default connections. If you click on No to leave the record connection in place, the connections no longer make any sense because the new rule is added in alphabetical order. If you add a rule for a field beginning with 'A', then all other records are now changed and your connectors have to be changed.
6610	Record Selection Rules	Delete a selection rule when 4 rules have been defined and you get prompted to set the default record connection. If you click no, then the rule is left in the rule connection. You do not get prompted when you delete a selection rule if only 3 are defined. I thought that we would already reset the rule connection if a rule was deleted. In either case it should be consistent.
6790	Select Logic	Select on binary field does not work (e.g. SELECT BN .EQ. 255). (Resolution is to change support of 1 byte binary field to have unsigned value from 0 to 255 instead of signed value from -127 to 128.)
6800	User Profile	Previously defined substitutable keywords are continually duplicated each time an individual User Profile member is displayed and saved.
6870	Adabas batch interface	Batch Decision Analyzer gets Adabas error response code 41 when a superdescriptor in the request is defined with an MU field.
6880	Directory of Requests	Right click on a request does not produce the drop down box of commands if you are on the Copy dialog box and looking at someone else's user library. It works fine if the button at the bottom of the dialog is open, but if the button has copy on it, it doesn't work.
6930	Adabas TABLOOK	Cannot define a TABLOOK call with Adabas files if the key fields are numeric. The user sets up the key fields then clicks done and gets "KEY fields for line 1 in window. KEY field may not have decimal places." Key fields do not have decimal places.
6940	Adabas – DAPHADIC	DAPHADIC issues following error: *9322E ERROR RETRIEVING DERIVATION-GROUP. ADABAS RETURN CODE IS 068 *9320I SUB OR SUPER DESCRIPTOR HAS BEEN DROPPED. Return Code 68 is issued when an Adabas search command contains a non-descriptor field in the search buffer. Return Code 68 will occur when the Adabas nucleus is started using ADARUN parameter, "NONDES=NO". DAPHADIC has been rewritten to "optionally" retrieve derivation-group data by not searching on a non-descriptor
6950	Adabas – DAABASR	The batch Analyzer job may give the following error message for an Adabas request: *9260E ERROR RETURN FROM ADABAS CALL. ADABAS RESPONSE CODE IS 00041. This message will appear following report title line "EXTRACT GENERATOR". The message is issued if a "periodic group" field is contained in the request. The error occurs because the syntax of the BCL statement for this field is not correct.
6970	3270 Client- Fields	Sometimes get the message, "Filed names must be chosen before any other function is performed" when working with PE or MU fields in a request.
6990	ADAMATCHFILE	An ADAMATCHFILE defined match on a secondary file superdescriptor does not retrieve correct record set because search command (S1) is not generated correctly
7020	Output Viewing	When a user views output which is longer than 4095 pages, the Windows Client gives an invalid parcel error on line 1315.
7030	Column Definitions	When a user adds a blank column on the Columns dialog as the last column (trailing blank), the blank is removed when moving to cell contents. The blank needs to remain so the user can enter an expression in cell contents. If the user leaves it blank, remove it after cell contents.
7060	Match Files	Skip the Match Files dialog when ADAMATCHFILE is present.

7110	Library Editor - Open	Attempting to open the Library Editor in DECA/TSO in R4.4.2 returns a U1EA – 0490 transaction abend.
7130	Windows Client - Save As	When viewing output and select Output and Save AS, the message box appears:  This will happen whenever the Report Layout DLL is out of sync with the Windows Client. Run dasetup.exe to register the latest version of the DLL.
7150	Windows Client e-Networks Standalone OS/390 TCP/IP	Login as Administrator. Select Library Editor and New. On the Create New Member dialog, change from “My Library” to a user library. Enter a name for the new member and click Create. Hangs (Get hour glass and application is listed as “Not responding” by Task Manager).
7160	Windows Client e-Networks Standalone OS/390 TCP/IP	Entering lines of data into a new Library Editor member. When Enter is pressed, user is positioned at the start of the next line – (expected). If the user types a line of all blanks, hitting Enter takes the user to the next line but to the same position as was in the prior line – If the user had typed 30 blanks, then the user is positioned in column 31.
7170	View Output and e-mail	View output. Select Output and E-mail as attachment. From the Save dialog, select .PDF. Output gets saved but e-mail client and new message are not started.
7180	FDD Editor	Comments not cleared. If you have a comment that is 30 characters long followed by a comment that his 2 characters, the last 28 characters of the second comment is actually from the first comment (i.e. “C* testing” followed by “C*” (blank comment) would result in two lines of “C* testing”.) This happens after cataloging and reopening. Probably happening on the open.
7190	FDD Editor	Save Local changed an ‘N’ edit option to a ‘0’ for some fields. This is intermittent, but both times it happened on 7PN0 fields.
7200	FDD Editor	494 abend when trying to do a “save as” with the FDD editor.
7210	View Output	View output that is the print image of a file (.xls in this case). Select Output and Mail as Attachment. Get prompted to attach the file or the print image – selected the file. Also checked the box, Save Transferred File. Was properly prompted to select a folder in which to save and a file name. Did this and clicked OK. Everything went fine (e-mail client was started with the file attached). When I returned to the WC (from the e-mail client), the output is still displayed but the buttons ( Next Page, Last Page, Close, etc.) are non-responsive. I can, however, use the menu bar choices.
7250	Directory of Requests	Multiple deletes is not deleting multiples items – only the first.
7260	Directory of Members – Save As	When logged in as Administrator, and saving a member to another library using SaveAs, only the 1 <sup>st</sup> three letters of the typed library name are being used. Also, when selecting from the drop-down list, it is always saving to ‘My Library’.
7270	View Output	When viewing output, a user is unable to use the mouse to highlight and copy output.
7280	Windows Client on Windows XP Outlook	View output. Select Output, E-Mail as attachment, Report. Selected PDF and it worked. For RTF, get “PopulateReport() failed”. For TXT, get “Run-Time error ‘340’ Control array element ‘3’ doesn’t exist”. Further testing seems to indicate that you get to create one type (PDF, RTF). Subsequent attempts produce errors. View output. Select Save as. Regardless of any choice you make, clicking OK does nothing – stalled on the dialog. Cancel button dismisses dialog.
7320	DAPHUTIL	Erroneous *0303 Column Heading Field Not Numeric –Blank message is generated when a D statement with decimal places and no column headings is specified eg D D1 0 5CN1 or D D2 0 5PN1 or D D3 0 5LN1
7330	DAPHUTIL	A directory record is missing from the DALIB. It appears that the backup/restore process deletes the first empty directory record. FDD Editor then has problem processing the directory.
7350	DAPHADIC	ADAVER and PREDVER do not support current release numbers. An error message is issued if the current release of ADABAS or predict is used.

7380	Profile Manager – User Profile	Invalid characters in the VOLUMES parameter as input to IDCAMS for DEFINE of VSAM transfer file.
7410	Selection Rules	When a Selection Rule is created and then “Edited” to a new field name with or without a new value, the field name in the Selection Rule does not update correctly.
7420	DAPHUTIL	In the DIRECTORY listing of DALIB the member key and the next available member key are formatted incorrectly if the key is greater than 999. The digit in the thousands position is always zero.
7430	DAPHUTIL	Control statement SELREST: member name specified as “mem=name.type” is processed as though member name was specified as “mem=name*.type”. The asterisk treats “name” as a name prefix.
7440	Selection Rules	Selection Rules are not resetting the selection rule letters. A new selection rule letter is assigned even when no change has been made.
7480	DAPHADIC	DAPHADIC gives error message: *9323E ERROR RETRIEVING ELEMENT OF SUB/SUPER DESC. *9320I SUB OR SUPER DESCRIPTOR HAS BEEN DROPPED.
7490	Submit Adabas	On submit of Adabas request , sometimes get abend with code 322. CICS TS issues transaction abend code AZI6.
7500	Windows Client Browser Client	Administrator Login is slow.
7530	Record selection rules	Can not edit two selection rules with “is between” as an operator. The operator of second rule gets changed to “equal”. (You can define them without error. Error occurs on subsequent display of select rules dialog.)
7580	Submit	Submit process is overlaying the CARDFILE DD statement if there is a JCLFILE statement containing a User submit keyword.
7600	MATCHFILES= and FILTERZZ=YES	Problem: FILTERZZ=YES and files are pre-matched with MATCHFILE= using a ZZ name-prefixed field. On the fields dialog, the pre-selected ZZ field is not displayed. If any other field is selected, when you click ‘Next’, you incorrectly receive error message: “Field to be deleted is on the MATCH-KEYS dialog. Delete from that dialog first.”
7610	Profile Manager	Administrator gets L903 abend when following conditions occur: Administrator has a request open and then accesses either Profile Manager/User Profile or Profile Manager/System Profile.
7620	Adabas Batch - File Match using Superdescriptor	An Adabas Request that matches files using a superdescriptor to a secondary file field does not produce any matched file records.
7630	Lotus Version 1 (.WKS) Symphony (.WKR)	Abend code 0364 on Submit of Lotus Version 1 (.WKS) type of output request. Analyzer V4.3.0 dropped support of .WKS and .WKR types of output. The internal code for .WKR was changed to introduce support of Excel (.XLS). Customer says that on submit, .WKR type request is automatically converted to .XLS output.
7640	\$INCLUDE error message, SUBMIT terminated.	On submit of request, user receives error message: “Include for “member-name” could not be expanded. Submit Terminated.”
7670	3270 Client Selection Rules	Using 3270 client to change selection rules may result in the assignment of the same rule letter to different rules.
7700	3270 Client – Connection Rules	For an existing request, if I add or delete a Record Selection Rule, when I press PF11 and go to the Connection Rules menu, I get the message, “Rule has been added or deleted. Please make your changes to connection rules”. I can choose to ignore this message. If I submit the request and if my action was to delete a Record Selection rule and I did not change the connection rules to reflect this change, I get a 331 abend.
7730	Request Options	On a new request, when I get to Request Options, the LIMITR and LIMITS values are not set from the DECAPRF defaults – they are zero.
7740	Batch / DB2	Batch Analyzer abend code S0C7 at DAPHLATT+X'02FC' Version 4.4.0 for OS390. DAPHLATT is Analyzer interface to DB2.
7760	Output View	Viewing of a report displayed a huge font and printing of report to PC Printer printed this huge fonts. Something was multiplying the font size by 10.
7770	Procs and Macros	Phase DLPHS1B Not Found error message is produced in the batch Decision Analyzer when the Proc NUMALPHA is being used in Decision Analyzer in Release 4.4.1.

7810	3270 Client	MVS e-Networks Standalone Interface 3270 Client only - Create a new request access the DEMOFILE, Select 3 fields, chose 1 field for selection PF11 and do not add a Selection Rule, PF11. It goes to Connection Rules instead of Type of Output and hangs.
7840	Transfer	EXCEL produces a "text formatting error because the maximum number of fonts has been exceeded" error message when doing an open of Decision Analyzer created Excel file. This error reappears for any other file (even non DECA created files) that Excel attempts to open after this error appears.
7900	DECA e-Networks SA Interface Runtime JCL	The Decision Analyzer e-Networks Standalone Interface (VTAM) control statements (//INSMTS DD statement) cannot be put into a PDS member. The DECA/e-Net execution JCL abends with an IEC141I 013-60 error which is an issue with blocking.
7950	DECA e-Networks Browser Client/TCP/IP	Corrects connection error when attempting an open of requests or the creation of a new request.
7960	Adabas	The DAPHADIC batch utility program is not resolving all of the clients ADABAS superdescriptors on conceptual ADABAS files.
7970	Record Selection Rules	Build a selection rule using EQUAL and two values, click next and get this dialog. 
8010	Request generation	Select value may not be found in field when using "contains" operator and the field has been trimmed.
8020	Output display	Set "lines per page" higher than 56 and run a report. View the output says that there are 8 pages of output, but the report is really only 4 pages long. Last 4 pages are duplicates. Watch page number at the top of the report line, and it comes back with 1, 2, 3, 4, 3, 4, 4 and a blank page is last.
8060	PC Clients	On start of PC-client, user receives error dialog box with message "This program has performed an illegal operation ..." when the users' User Profile contains statement FIELDHELP=ALL
8080	Windows & Browser Client – VSAM Spooling Interface	Provided the capability to delete multiple jobs from the List Queue at one time.
8090	Windows & Browser Client – Library Editor	Corrected sporadic S0C4/AKEA abends when attempting to copy a Library Editor member.
8110	DECA e-Networks – z/OS - SVC Interface	Fixed various errors, including S0C1 and S300 abends, that were encountered while utilizing the SVC Interface.
8120	DECA e-Networks – Job Status and/or Run of Requests	Corrected sporadic SC01 and SC04 abends that were occurring during Job Status and/or Run of Requests functions.
8130	Online FDD Editor	Addressed sporadic errors that had been encountered with the Online FDD Editor.
8140	Transfer in DECA e-Networks	Fixed a problem with the File Transfer of file to xls format. The Transfer would terminate without any messages.
8150	Transfer and Windows & Browser Client with TCP/IP protocol	Corrected a problem with the a conversational flag being set incorrectly when attempting to do a File Transfer in z/OS DECA system that is utilizing the TCP/IP connection.
8160	SUBMIT/RUN	Corrected S130 abends when an invalid Job statement was specified in the Leadjcl member.
8180	DECAUTIL – FDD Refresh	Corrected problems with the REFRESH facility where the field displacements of newly changed fields were not being updated.
8200	VSE – DL/I Interface	Corrected the 4101 – No More Core for Tables message that appeared when attempting to create XLS files from DL/I databases.

8210	DATEJ with Windows & Browser Client	SYSDNUM was not being displayed correctly in the drop down list box. This has been fixed.
8220	MULTIFILE and BCLFILE	Erroneous error message “ Member U not found in Library” was being generated whenever MULTIFILE= and BCLFILE= or BCLGLOBAL= were specified in the USERPRF – User profile.
8230	Sort Break Totals	Incorrect Sort fields were being assigned to sort break field messages.
	DECA e-Networks – z/OS SVC Interface	Corrected S378 abends that were being caused by an invalid Freemain length.
	DECA e-Networks – z/OS SVC Interface	Corrected S001 abends that were produced when attempting to view JES output and attempting to read past the end of file.