

ADASTRIP V5.00h Release Notes

Revised: 20thth September 2007

1. Introduction

This fix level of ADASTRIP resolves the following problems:

- invalid ISN's reported in recently converted databases from v7.4x to V812 of ADABAS
- correction to FDT processing due to internal changes in ADABAS 812

This release also provides support for all versions of ADABAS from V6 up to and including V8.1x. It determines automatically which version it is dealing with. There is no support for IBM's 3390-9 and 3390-27 devices [please use ADASTRIP v5.02x release series]. Furthermore there is no support for any of the special features of ADABAS 8, such as LOB or Delta Save input and spanned records. Additional releases of ADASTRIP will introduce support for these various functions, at a later date. The support provided includes:

- Introduction of the LET statement as defined below
- Support for basic features of ADABAS 8.1.x
- Large blocksize for cartridge input is only available with ADABAS V7.42 and above
- LBI is only supported under OS390 v2.10 and above
- LBI requires a cartridge drive that supports the LBI
- No special parameter changes are needed as ADASTRIP automatically picks up the large block sizes if provided in the input ADASAV dataset
- As of V400 fields of type NC are handled differently (see User Guide)

This release will run under all versions of IBM's z/OS operating system.

ADAMAGIC provides ADASTRIP like facilities under, SOLARIS 7, 8 & 9, HP/UX 10, 11i, Linux (most ix86 distributions), IBM's AIX and the Windows platforms.

All ADASTRIP Software from CCA Software Pty Ltd is now supplied in two formats:

- As an e-mail attachment, bundled in a compressed zip file,
- As MSDOS files on 3½" Diskette or CDROM, additional cost for this delivery method.

The use of E-MAIL is the preferred method of distribution as it facilitates fast transmission of new releases/upgrades/zaps. All fixes/zaps are provided as upgraded object code in this format.

Please Note this release:

- Some functions will only work with a specific version of ADABAS; these are noted either in the release notes or the manual.
- Refer to Section 3 for PC-Diskette or E-MAIL Installation Instructions as they have changed.

A short table of changes (fixes) and associated problem numbers can be found in release.txt file included in the release files.

2. New Features and Fixes

Fix number of concurrent LET statements to allow for more than 14 in the one JOB stream. This release now supports all current versions of ADABAS, however not the newly introduced features of ADABAS 8 [spanned records and BLOBs]. A bug in the ISN numbering has been fixed.

LET statement

The LET statement is a new parameter that is defined as follows:

```
EXTR01 LET VF=AA(i-j)
```

Where:

Extr01 is the ddname of the extract file as required by ADASTRIP

- VF is the virtual field (this field does not exist in the FDT prior to definition in the LET statement and then only for the duration of the extract). It is appended to the end of the FDT and therefore any record that exists in memory. The field is available for processing in a user exit as if it exists in the 'real' FDT. This field will not be output to the extract file.
- i-j i = start byte, j end byte, standard rules apply $i \leq j \leq \text{length of field}$.

A maximum of one LET statement can be used define 1 virtual field [per extract file]; each virtual field must have a different name to those in the FDT.

Performance Enhancement:

The introduction of the FAST sub-parameter (of the FILE parameter) can significantly decrease CPU consumption on appropriate extract processes. Please see the Users Guide for more information.

Unicode Support:

Implementation of Unicode support, so called W type fields. There are a number of issues to consider which are fully discussed in the updated V5.xx Users Guide.

Special notes for installers

- 1) DFSMS/MVS 1.5 or earlier doesn't support LBI.
- 3) Preliminary evidence suggests a wall clock time saving of about 20% when using 64000 byte blocks.
- 4) It should use whatever blocksize is on the tape, there is no need to supply blksize parm in JCL.
- 5) There may also be no need to supply a bufno parm in JCL, but clients can try this themselves.
- 6) The i/o buffers will be below the line, as we have as yet taken no special measures to ensure that they are above the line. Hence with larger blocksizes, region shortages may become apparent if bufno is set too large.

ALL previous fixes are included in this release of ADASTRIP.

CCA has a number of commercial grade ADASTRIP exits with full support; these are available directly from CCA. For further information please contact info@ccasoftware.com.au.

3. PC-Diskette or E-mail Installation Instructions

The release consists of one compressed zip file:

➤ **ASvxxxy-release.zip**

Where: AS – internal code for ADASTRIP, xxx=500 is the version and y=a fix level, so ASv500a is V500 fix level a.

Please refer to the Users Guide for details of the **Installation Procedure**.

4. Apply Product Protection Code

ADASTRIP will require a Product Protection Code, this is a codeword of at least 20-bytes long it will need to be supplied so that ADASTRIP will run on your system. The following code will allow ADASTRIP to work until 31st March 2003. When installing a new releases of CCA's software it is **highly** recommended that all customers request new product codes from their local support representative. There is no guarantee that any old code will work with a newer release of the software.

The code is supplied to ADASTRIP as PART of the ADASTRIP EXEC card as follows:

```
//STRIP61 EXEC PGM=STRIP,PARM='BIHLINPHHJJJHMKIHKH',
```

OR: The code may be permanently zapped into the ADASTRIP object, this zap must be created by CCA and takes the place of the CODE parameter. An example only, of this zap is supplied in the install dataset. In order to run ADASTRIP, you will need either a codeword or zap supplied by CCA.

Previously zapped load modules (with a codeword) will prevent a new zap from being applied, it is recommended that the zap only be applied to a fresh copy of the load library, however it is possible to comment out the VERs to force the zap to apply.