



ADASTRIP V5.11B

Release Notes

Revised: 10th November 2015

1. Introduction

This release of ADASTRIP supports spanned records, and also segmented output. It also includes support for all versions of ADABAS from V6 up to and including V82x, with support for ADABAS 8.22 new features, the software will determine automatically which level of ADABAS it is dealing with. There is no support for the other special features of ADABAS 8 such as LOB or Delta Save input.

The changes in this release includes:

- Fix STRI8UX6 & incorrect NORMALIZATION INDEX warnings when only a single PE involved in normalization.
- Fix multi-thread processing invoked when STDUMP1-n are used.
- Increase default values for LIMIT & LIMITI to 4294967294.
- Prevent multiple console messages when hitting EOF & output "missing container" message when appropriate.
- Fix for MU within PE in STRI8UXF
- Added DISPLAY parameter.
- Fix for 0C4 in STRI82I
- Fix for 0C4 in print program & make unauthorized running the default.
- Fix for FDT RABNs not on the first ASSO volume.
- Allow packed numeric constants longer than 16 bytes. Maximum is now 29 bytes.
- Correct limit display on log
- Mods to STRI8UXF
- Fixed problem with record full of repeated byte.
- Further ensure 31 bit AMODE, & convert BAL to BAS etc.
- Added bullet proofing
- Extend RETCODE parameter to include NORMALISATION INDEX MISMATCH
- Suppressed dumps caused by disk space errors & fixed dump exit to prevent corruption causing vast dumps,
- NCP on DCB in JCL is no longer required, and will be ignored if specified.
- Ensure processing of files that lie physically between two extents of a spanned file.
- Fixes to report layout.
- Fix end of database detection.
- Additional deadlock resolution added.
- Add timeout functionality to output buffer scanning routine to resolve deadlocks
- Fix for missing file detection and improve efficiency - slightly & move ECB clear to after WAIT iso before WAIT.



- Add support for LOB files & logically deleted fields..
- Support for NOLENCHK parm.
- Includes zIIP support & support for LIMITI.
- Fix for 0C4 occurring at end of volume.
- Add support for LOB files and logically deleted fields.
- Fix intermittent issue where WAIT processing would occasionally not be posted.
- Manual updated to either include (or correct) DAYLIGHT, FIELDTAB, NOLENCHK and RETCODE parameters.
- Fix for 0C4 due to 24 bit mode, when switching volumes
- Support for NOLENCHK parameter.
- Implementation if zIIP processor support – requires special codeword.
- Fix POST/WAIT processing to avoid deadlock situation.
- Add support for SYSTEM fields, including new date time constant specification capability. Run purely in AMODE 31.
- Enhancements to LET parameter processing to allow up to 20 fields/sub-fields to be selected as input to the virtual field.
- Fix packed constant length checking.
- Corrections to CPUID processing and allow multiple product keys in the product zap.
- Correct SOC4 when testing fields that are not selected later for extraction.
- Fixed NORMALISE NTEST Field reordering
- Fixed extent processing for ADASAVs
- Corrections to various issues with field lengths associated with spanned records and NTEST processing
- Corrects an error at runtime when accessing ADABAS 8.22 databases either directly or an ADASAV
- Provides automatic detection of MUPEX ie expanded MU and PE occurrences
- Correct problems processing packed fields, and resolve an associated SOC7
- Implements support for spanned records (input) and output segmented records
- Field error reporting made sensitive to ISN size (3 or 4 byte)
- The default record LIMIT is now 999,999,999, the maximum is now 9,999,999,999, however this value is translated to the real maximum of 4 billion [4,000,000,000,000]

ADAMAGIC provides ADASTRIP like facilities under, SOLARIS 7, 8 & 9, HP/UX 10, 11i, Redhat Linux 9.0+, IBM's AIX 5.1, 5.2, 5.3 and the Windows platforms XP/Vista/Win7, 2003 and 2008 Server.

All ADASTRIP Software from CCA Software Pty Ltd is now supplied as an e-mail attachment, bundled in a compressed zip file.

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 binary modules in this format.



2. New Features and Fixes

CCA has implemented the IBM TERSE utility (AMATERSE) to deliver mainframe files, hence the new suffix .TRS on all EBCDIC mainframe files, files , it is recommended that customers look up TERSE on the web. <http://techsupport.services.ibm.com/390/trsmain.html>. This link is valid at time of publishing – but may be changed without notice.

NOLENGCHK – a global parameter that turns off the extract record length [LRECL] checking, this is a nicer way of implementing the on/off switch previously provided by zap. The LRECL checking is now also performed on NORMALISE extracts.

This release provides support for the use of a zIIP processor should it exist on the mainframe.

Before running Aداstrip in zIIP mode one should ensure that SLIP traps are in place for both 13E and 47B abends.

ESTRIP V285 is required if using ADABAS V8 and eSTRIP V285v7 for ADABAS V7.

This version of ADASTRIP provides support for most new features in ADABAS 8.1x including spanned records and expanded MU's and PE's [MUPEX]. When a field in the FDT is defined with the MUPEX flag we produce a message in the log informing the user as such:

```
SELECTED FILE 000NN IS KNOWN AS MUPEX FILE THIS FILE IS MUPEX AND WILL USE 2 BYTE INDEXES
```

ADASTRIP also first searches for an ADABAS version in the new form, and only when that fails does it try the old form, automatically supporting V8.1x, V8.22.

Special notes for installers

zIIP support requires module to copied to authorised load library and JCL changes – ADASTRIP load library CAN NOT be authorised.

zIIP processing requires special codeword to work.

For example JCL to utilize zIIP processors refer to the document 'ADASTRIP - zIIP Users OVERVIEW'.

Additional example user exits are available; these allow such functions as translation to ASCII, output to CSV format, an exit suitable for translation to Oracle etc. These are provided as examples only, there is no support. Emails with queries (on these exits) may be answered depending upon support priorities at the time. Upon request we can provide an exit to count MU/PE occurrences.

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. E-mail Installation Instructions

The release consists of one compressed zip file:

➤ **ASvxxxxy-release.zip**

Where: AS – internal code for ADASTRIP, xxx=505 is the version and y= ' blank or no fix level yet, so ASv505 is V505 with no fix level and ASv505a is V505 with 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 22-bytes long it will need to be supplied so that ADASTRIP will run on your system. The following code will is an example only and is expired. When installing this new releases of CCA's ADASTRIP software you are required to obtain a new codeword. The existing old product code words will not work with V505 and above.

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

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

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.