

ADASTRIP V5.04f Release Notes

Revised: 22nd of July 2010

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 basic support for ADABAS 8.22 without any of the new features. It determines automatically which it is dealing with. There is no support for the other special features of ADABAS 8, such as LOB or Delta Save input. Additional releases of ADASTRIP will introduce support for these various functions, at a later date. The support provided includes:

- Fixed extent processing for ADASAVs
- Corrects problem with fixed (FB) output files and TESTING on non-output fields
- 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
- The release is specifically for input spanned and output segmented record support
- Field error reporting made sensitive to ISN size (3 or 4 byte)
- The default record LIMIT is now 999,999,999

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.

Please Note this release:

- **Ordering of Fields in NORMALISE processing is no longer possible** due to the changes required for support of LA fields (they are variable length in nature). CCA recommends running ADAREORG to reorder fields – it is specifically designed for this requirement. This functionality will be restored in an upcoming fix level.
- The **LRECL MUST** be supplied on all output extract files this enables ADASTRIP to correctly allocate buffers and blksizes in certain circumstances.
- Expanded PE & MU's (**ie MUPEX**) are supported in this release. Note expanded MUPEX functions are not available in NORMALISE processing.
- Some functions will only work with a specific version of ADABAS, these are noted either in the release notes or the manual.
- See note below on changed JCL requirements for spanned records.
- Refer to Section 3 for 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. The most important of these are detailed in this document.

2. New Features and Fixes

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.

IMPORTANT NOTE:- When processing spanned records from an **ADASAV**, an additional output file is mandatory (this file is not necessary when accessing the database directly).

This file has **DDNAME STSTEMP**, and should have RECFM=VB. The block size should be chosen large enough to accommodate an ADASAV block (though large blocks for this file are not yet supported – the SORT utility will not handle large blocks). The space allocation should be large enough to accommodate all spanned records on the ADASAV for all files at once that you wish to extract (extraction doesn't start for any file until all spanned records, for all files, have been copied from the ADASAV into STSTEMP).

A new parameter has been added to tell ADASTRIP to output SEGMENTED output when extracting data from a file containing spanned records. This parameter is defined in the Users Guide.

Please note the term SPANNED is used when discussing compressed data, while the term SEGMENTED is used when describing flat(decompressed) data. Since Adastrip input is compressed, and its output is flat, it eats SPANNED records, and spits out SEGMENTED records (if you tell it to).

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.

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.

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=504 is the version and y= ' blank or no fix level yet, so ASv504 is V504 with no fix level and ASv504a is V504 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 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 30th May 2010. 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='BICHINPJHJJNJHMKIHKH',
```

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.