

ADREORG V3.00 Release Notes

Revised: 20th February 2007

1. Introduction

All ADAREORG Software from CCA Software is now supplied as Email attachments. This is to facilitate fast transmission of new releases/upgrades/fixes.

ADAREORG V3.00 has been introduced to provide explicit support for ADABAS 8.12 and above. The support provided does not include support for any of the large object features of ADABAS 8 including spanned records and BLOBS, this will be provided in a new release in the near future. It consolidates all previous fixes and includes improved support for G and W type fields. The recent changes to this fix level include the implementation of the translation of 1 byte alpha containing blank (X'40') to zero (X'F0') when being converted to other types.

Features Supported:

1. Support for ADABAS 8.1x, excluding spanned record and blobs, these will be supported in later fix levels.
2. CPUIDs are now displayed in the joblog to help diagnose codeword problems.
3. P type fields which are used as the source of information during P to A conversions are no longer corrupted.
4. U type fields which are used as the source of information during U to A conversions are no longer corrupted.
5. The ADAVER parameter is now an optional parameter with a default value of 7. This means ADAREORG will interpret all input formats as that of ADABAS v7. To support earlier versions of ADABAS the DBA must provide the ADAVER parameter.
6. Floating point fields (type G) are now treated as real numeric fields, which may be converted to other field types, and vice versa. This means they are no longer simply treated as binary fields. See the V300 manual for a more extensive explanation.
7. Wide field support, with restrictions (see V300 manual).
8. INC parameter has been added (see manual).
9. Conversion of numeric field types to A type has changed. "A type" is assumed to be legible and when it is on the receiving end of conversion from a numeric field, the content of the A type fields will have a leading + or – sign, as appropriate. When used as the input for a numeric conversion, leading + or – signs are checked for, and taken into account.
10. Support for LBI interface of ADABAS V7.4 on input files (see manual for details)
11. Multiple ADABAS version support, see ADAVER parameter
12. OR processing with the ACCEPTO parameter
13. AND processing with the REJECTA parameter
14. Correction of processing issues reported with ACCEPT/REJECT processing
15. 3/4 Byte ISN's, 4 Byte RABN's, 2 Byte FNR's, 2 Byte DBID's, Alpha fields up to 16K.

- 16. 191 PE groups.
 - F Fields need not be fixed length (restricted to 2 or 4 bytes)
 - G Fields need not be fixed length (either 4 or 8 bytes)
- 17. Super-DE's up to 20 fields
- 18. Variable length fields (ie length of zero)
- 19. Additional field-level user-exit invocations per execution

NOTE: If DDWAN0n (for n=1,2) is PRESENT then no attempt is made to extract FDT information from DDADA0n (matching n=1,2). When DDWAN01(2) is ABSENT, and USERISN is specified for DDWAN03, then USERISN is assumed to have been specified for DDADA01(2), and ISNs are taken from this file (DDADA01 in preference to DDADA02). This ISN may later be overwritten by an internally generated ISN, if the ISN parameter is specified in the PARM file.

Installation Notes for e-MAIL or CDROM Supplied Software

This release contains a single compressed directory zip file as follows:

ARv300-release.zip

The contents of the compressed file will be similar to the following:

- **ARv300in.cmp** - Source Library Members in compressed EBCDIC format
- **ARv300-Release-Notes.pdf** – Release notes in PDF format.
- **ARv300-Users-Guide.pdf** – the manual in PDF format.
- **ARv300L.cmp** - Load Library in compressed EBCDIC format

Take note of the installation process as it has changed.

Installation Procedure Overview

1. Save the email attachment and/or PC files to disk.
2. Unzip the supplied release libraries to a directory on a PC. There should be six files in total:
 - readme.txt; a text file containing last minute information on the release;
 - ARv300-Users-Guide.PDF – The ADAREORG Users Guide;
 - ARv300-Release-Notes.PDF – The ADAREORG Release Notes;
 - ARv300in – ADAREORG JCL, samples and Macro Library – EBCDIC compressed;
 - ARv300L – ADAREORG Load library – EBCDIC compressed.
3. Load the two mainframe files (ARv300IN, ARv300L) to the mainframe-using binary FTP or whatever file transfer mechanism is used onsite – binary mode only, without any translation as the files are already in EBCDIC format.

4. Unpack the datasets using the information in the following section, Note this procedure will be different for MSP/EX and OS390 [z/OS] users.

Procedure to Decompress the ADAREORG Install JCL and Load Libraries

When decompressing the release zip files do not change file extensions on the PC platform, this can lead to problems with CR/LF on binary and ASCII files.

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

At this point both the JCL and Load libraries will have been populated and the members are ready for tailoring and testing. There is no longer a requirement to run the build step to create the load modules [**in fact the installer must not do this..**].

Once the above Source and Load Libraries are in decompressed you should be in a position to run ADAREORG V3.00.

xxxxxx.ARv300.INSTALL install library contains JCL giving examples of user-exits and ADAREORG execution jobs.

Please ensure you modify these to conform to your local standards making appropriate changes to the dataset names in these members to match the ones at your site, especially the JOBLIB/STEPLIB card to point to the V300 Load Library.

3. Apply Product Protection Code

ADAREORG requires our Product Authorisation Code, a 20-byte (or more) codeword will need to be supplied so that ADAREORG will run on your system.

The code is supplied to ADAREORG as the FIRST parameter in an ADAREORG Parameter dataset (or instream), eg:

CODE=BIEJTJLJJJLJHMKIHKH

In order to be able to run ADAREORG, you will need either a codeword or a zap supplied by CCA or your local affiliate. The code may be permanently zapped into the ADAREORG load module, this zap must be created by CCA and takes the place of the CODE parameter.

Note: A previously zapped codeword will prevent the new zap from applying, either apply the zap to a new/fresh copy of the load module OR comment out the VER's, ensuing no mistakes are made to the zap contents.