

# ZZUtils



## Functions

ZZADACMD	ADABAS command analysis Display ADABAS commands embedded in a cataloged object.
ZZBLKSIZ	Block size computation Estimate DASD space.
ZZCOPYBK	Copybook creation Create a COBOL copybook member from a Natural data area.
ZZCOPINC	Copybook incorporation Create a data area from a COBOL copybook.
ZZDATES	Date conversions Convert from one date format to any other date format.
ZZDUMP	Module formatted dump Display object module <i>p-code</i> : embedded line numbers, Adabas buffer contents, un-optimized literal pool, etc.
ZZLIST	List a Natural module List a data area to report field offsets. Optionally expand INCLUDE code in procedural modules.
ZZLOCATE	Locate a Natural module Report source and object timestamp data for all occurrences of a module in all libraries within the current FUSER (also see ZZSEARCH).
ZZLOC	Locate a Natural module via batch Spawn a batch job via NATRJE to invoke ZZLOCATE.
ZZMONTH	Monthly date calculations For a given date, compute the first and last date of the month, any number of months into the future or past.
ZZPUNCH	Punch Natural module For source comparison or offload, punch a range of Natural source modules with optional header (timestamp data), or header information only.
ZZSCAN	Source library scan Scan a range of modules for up to 5 strings. Quicker than Natural's scan because there is no replacement feature. Streamlined report. Works well in batch.
ZZSEARCH	Locate a Natural module across multiple FUSERS Create a ZZLOCATE-style report (see ZZLOCATE, above) for a user-specified set of FUSERS (specified by DBID and file number).

ZZTDOC	Technical walkthrough document Format a Word document containing all the modules (up to 10) involved in a service request (Natural, COBOL, JCL, Proc, control data, sample reports). Existing modules are reported via IBM's SuperC comparison utility, highlighting all additions, updates, and deletions. New modules are reported as standard listings. A ZZADACMD report is produced automatically for each Natural module. The Word document is formatted with a table of contents and page headers.
ZZTDMERG	Merge TDOC reports Remove ZZTDOC's limit of 10 modules in a document by combining any number of reports (with up to 10 modules each) into a single document.
ZZTDPMNT	Profile maintenance Maintain user profiles for ZZTDOC.
ZZTIME	Timestamp to/from time Convert between Time (T) and *TIMESTAMP (B8) fields.
ZZVPARAM	Parameter list from a view Create a data area from a DDM. The data area contains field formats and lengths, allowing use as a parameter data area. Optionally will prefix field names with #.
ZZVEDATE	List verification rule timestamps Lists timestamp data for a range of verification rule names.
ZZVELIST	List verification rules Lists source code for a range of verification rule names.
ZZVEPNCH	Punch verification rules For source comparison or offload, punch a range of verification rules.
ZZVSCAN	Verification rule scan Scan verification rule source code for a character string.
ZZWHOIS	Identify a Userid by name Enter a userid and display the name from Natural Security.
ZZWHOLST	Userid list Report a range of userids with their names from Natural Security.

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