



MultiValue Basic Quick Reference

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Basic Features

The tables in this document list the features of UniVerse Basic and their status in Caché MV Basic. There are two possibilities:

- Implemented – This feature is fully supported in this release.
- Caché Alternative Exists – The feature is not supported, but much of this functionality is available in other ways in Caché.

Rows with neither column checked indicate that the development is still underway. For a quick reference to specific items, use one of the following links:

Reserved Words By Initial Letter

A..	J..	S..
B..	K..	T..
C..	L..	U..
D..	M..	V..
E..	N..	W..
F..	O..	X..
G..	P..	Y..
H..	Q..	Z..
I..	R..	

Other Items

Compiler Directives	String Extraction
@-Variables	Conversion Codes

For full details, please refer to the [MVBasic Language Reference](#) documentation.

MV Basic - Compiler Directives

Syntax Item	Present	Caché Alternative Exists
#INCLUDE	X	-
#PRAGMA	X	
\$CHAIN	-	-
\$COPYRIGHT	X	-
\$DEFINE	X	-
\$EJECT	-	-
\$IFDEF	X	-
\$IFDEF	X	-
\$INCLUDE	X	-
\$INSERT	X	-
\$MAP	-	X
\$PAGE	-	-
\$UNDEFINE	X	-

MV Basic - String Extraction

Syntax Item	Present	Caché Alternative Exists
<>	X	-
[]	X	-

MV Basic - @-Variables

Syntax Item	Present	Caché Alternative Exists
@ABORT.CODE	-	-
@ACCOUNT	X	-

Syntax Item	Present	Caché Alternative Exists
@AM	X	-
@ANS	X	-
@AUTHORIZATION	X	-
@COMMAND.STACK	X	-
@COMMAND	X	-
@CRTHIGH	X	-
@CRTWIDE	X	-
@DATA	X	-
@DATA.PENDING	X	-
@DATE	X	-
@DAY	X	-
@FALSE	X	-
@FILE.NAME	X	-
@FILENAME	X	-
@FM	X	-
@HDBC	X	-
@HSTMT	-	-
@ID	X	-
@IM	X	-
@ISOLATION	-	-
@LEVEL	X	-
@LOGNAME	X	-
@LPTRHIGH	X	-
@LPTWIDE	X	-
@MONTH	X	-
@MV	-	-
@NB	X	-
@ND	X	-

Syntax Item	Present	Caché Alternative Exists
@NI	X	-
@NS	X	-
@NULL.STR	-	-
@NULL	-	-
@NV	X	-
@OPTION	-	-
@PARASENTECE	X	-
@PATH	X	-
@RECCOUNT	X	-
@RECORD	X	-
@SCHEMA	-	-
@SELECTED	X	-
@SENTENCE	X	-
@SM	X	-
@STDFIL	X	-
@SVM	X	-
@SYS.BELL	X	-
@SYSTEM.RETURN.CODE	X	-
@SYSTEM.SET	X	-
@TERM.TYPE	X	-
@TIME	X	-
@TM	X	-
@TRANSACTION.ID	-	-
@TRANSACTION.LEVEL	-	-
@TRANSACTION	X	-
@TRUE	X	-
@TTY	X	-
@UDTNO	X	-

Syntax Item	Present	Caché Alternative Exists
@UID	X	-
@USER.NO	X	-
@USER.TYPE	X	-
@USER.RETURN.CODE	X	-
@USERNO	X	-
@USERX	X	-
@VM	X	-
@WHO	X	-
@YEAR4	X	-
@YEAR	X	-

MV Basic - Reserved Words A...

Syntax Item	Present	Caché Alternative Exists
ABORTE	X	-
ABORTM	X	-
ABORT	X	-
ABS()	X	-
ABSS()	X	-
ACCEPTCONNECTION	-	X
ACCESS()	X	-
ACOS()	X	-
ADDAUTHENTICATIONRULE	-	X
ADDCERTIFICATE	-	X
ADDREQUESTPARAMETER	-	X
ADDS()	X	-
ALL	X	-
ALPHA()	X	-
AMINITIALIZE	-	X
AMRECEIVEMSG	-	X

Syntax Item	Present	Caché Alternative Exists
AMRECEIVEREQUEST	-	X
AMSENDMSG	-	X
AMSENDREQUEST	-	X
AMTERMINATE	-	X
ANALYZECERTIFICATE	-	X
ANDS()	X	-
AND	X	-
ARG	X	-
ASCII()	X	-
ASIN()	X	-
ASSIGN	X	-
ASSIGNED()	X	-
ATAN()	X	-
AUTHORIZATION	-	X
AUXMAP	-	X

MV Basic - Reserved Words B...

Syntax Item	Present	Caché Alternative Exists
BCONVERT	-	X
BEFORE	X	-
BEGIN	X	-
BITAND()	X	-
BITNOT()	X	-
BITOR()	X	-
BITRESET()	X	-
BITSET()	X	-
BITTEST()	X	-
BITXOR()	X	-
BREAK	X	-

Syntax Item	Present	Caché Alternative Exists
BSCAN	X	-
BYTE()	X	-
BYTELEN()	X	-
BYTETYPE	-	X
BX	X	-

MV Basic - Reserved Words C...

Syntax Item	Present	Caché Alternative Exists
CALCULATE()	-	-
CALLING	X	-
CALL	X	-
CAPTURING	X	-
CASE	X	-
CATS()	X	-
CAT	X	-
CENTURY.PIVOT()	-	X
CHAIN	X	-
CHANGE()	X	-
CHAR()	X	-
CHARLEN()	-	-
CHARS()	X	-
CHECKSUM()	X	-
CLEARCOMMON	X	-
CLEARDATA	X	-
CLEARFILE	X	-
CLEARINPUT	X	-
CLEARPROMPTS	-	-
CLEARSELECT	X	-
CLEAR	X	-

Syntax Item	Present	Caché Alternative Exists
CLOSESEQ	X	-
CLOSESOCKET	-	X
CLOSEXMLDATA	-	X
CLOSE	X	-
COL1()	X	-
COL2()	X	-
COMMIT	X	-
COMMON	X	-
COMPARE	-	-
COM	X	-
CONTINUE	X	-
CONVERT()	X	-
CONVERT	X	-
COPY.FILE	X	-
COS()	X	-
COSH()	X	-
COUNT()	X	-
COUNTS()	X	-
CREATECERTIFICATION	-	X
CREATECERTREQUEST	-	X
CREATESECUREREQUEST	-	X
CREATESECURITX	-	X
CREATE	X	-
CRT	X	-

MV Basic - Reserved Words D...

Syntax Item	Present	Caché Alternative Exists
DATA	X	-
DATE()	X	-

Syntax Item	Present	Caché Alternative Exists
DBTOXML	-	X
DCOUNT()	X	-
DEBUG	X	-
DECLARE	-	X
DEFFUN	X	-
DELETE()	X	-
DELETEDLIST	X	-
DELETEDU	X	-
DELETE	X	-
DEL	X	-
DESCRINFO()	-	-
DIAGNOSTICS	-	X
DIGEST()	-	-
DIMENSION	X	-
DIM	X	-
DIR()	-	-
DISPLAY	X	-
DISPLAYWIDTH()	-	-
DIV()	X	-
DIVS()	X	-
DOWNCASE()	X	-
DO	X	-
DQUOTE()	X	-
DROUND()	-	-
DTX()	X	-

MV Basic - Reserved Words E...

Syntax Item	Present	Caché Alternative Exists
EBCDIC()	X	-

Syntax Item	Present	Caché Alternative Exists
ECHO	X	-
ELSE	X	-
ENCODE()	-	-
ENCRYPT()	-	See class %SYSTEM.Encryption
END	X	-
ENTER	X	-
EOF(arg)	X	-
EQS()	X	-
EQUATE	X	-
EQU	X	-
EQ	X	-
EREPLACE()	X	-
ERRMSG	X	-
ERROR	X	-
EXCHANGE()	-	-
EXECUTE	X	-
EXEC	-	-
EXIT	X	-
EXP()	X	-
EXTRACT()	X	-

MV Basic - Reserved Words F..

Syntax Item	Present	Caché Alternative Exists
FADD()	X	-
FDIV()	X	-
FFIX()	-	-
FFLT()	-	-
FIELD()	X	-
FIELDS()	X	-

Syntax Item	Present	Caché Alternative Exists
FIELDSTORE()	X	-
FILEINFO()	X	-
FILELOCK	-	-
FILEUNLOCK	-	-
FIND	X	-
FINDSTR	X	-
FIX()	X	-
FLUSH	X	-
FMT()	X	-
FMTDP()	-	-
FMTS()	X	-
FMTSDP()	-	-
FMUL()	X	-
FOLD()	X	-
FOLDDP()	-	-
FOOTING	X	-
FORMLIST	X	-
FOR	X	-
FROM	X	-
FSUB()	X	-
FUNCTION	X	-

MV Basic - Reserved Words G...

Syntax Item	Present	Caché Alternative Exists
GARBAGECOLLECT	-	X
GCI	-	X
GENERATEKEY	-	X
GES()	X	-
GET(arg)	-	-

Syntax Item	Present	Caché Alternative Exists
GET	-	-
GETCIPHERSUITE	-	X
GETENV()	-	-
GETHTTPDEFAULT	-	X
GETLIST	X	-
GETLOCALE	-	X
GETPTR()	-	-
GETPU()	-	-
GETQUEUE()	-	-
GETREADU()	-	-
GETREM()	X	-
GETSOCKETERRORMESSAGE	-	X
GETSOCKETINFORMATION	-	X
GETSOCKETOPTIONS	-	X
GETUSERGROUP()	-	-
GETUSERID()	-	-
GETUSERNAME()	-	-
GETX	-	-
GE	X	-
GOSUB	X	-
GOTO	X	-
GO	X	-
GROUP()	X	-
GROUPSTORE	-	-
GTS()	X	-
GT	X	-

MV Basic - Reserved Words H...

Syntax Item	Present	Caché Alternative Exists
HASH()	-	-
HEADINGE	-	-
HEADINGN	-	-
HEADING	X	-
HUSH	X	-

MV Basic - Reserved Words I...

Syntax Item	Present	Caché Alternative Exists
ICHECK	-	X
ICONV()	X	-
ICONVS()	X	-
IFS()	X	-
IF	X	-
ILPROMPT()	-	-
IN	X	-
IN()	-	-
INCLUDE	-	-
INDEX()	X	-
INDEXS()	X	-
INDICES()	X	-
INITSECURESERVERSOCKET	-	X
INITSERVERSOCKET	-	X
INMAT()	X	-
INPUTCLEAR	X	-
INPUTDISP	-	-
INPUTDP	-	-
INPUTERR	-	-

Syntax Item	Present	Caché Alternative Exists
INPUTIF	X	-
INPUTNULL	-	-
INPUTTRAP	-	-
INPUT	X	-
INPUTERR	X	-
INSERT()	X	-
INS	X	-
INT()	X	-
ISMB()	-	-
ISNULL()	-	-
ISNULLS()	-	-
ISMV()	-	-
ISNVS()	-	-
ISOLATION	X	-
ITYPE()	X	-

MV Basic - Reserved Words K...

Syntax Item	Present	Caché Alternative Exists
KEYEDIT	-	-
KEYEXIT	-	-
KEYIN()	X	-
KEYTRAP	-	-
KEX	X	-

MV Basic - Reserved Words L...

Syntax Item	Present	Caché Alternative Exists
LEFT()	X	-
LEN()	X	-
LENDP()	-	-

Syntax Item	Present	Caché Alternative Exists
LENS()	X	-
LENSDP()	-	-
LES()	X	-
LET	X	-
LEVEL	X	-
LE	X	-
LISTUSER()	-	-
LITERALLY	X	-
LIT	X	-
LN()	X	-
LOADSECURITYCONTEXT	-	X
LOCALEINFO	-	X
LOCATE	X	-
LOCKED	X	-
LOCK	X	-
LOOP	X	-
LOWER()	X	-
LPTR	X	-
LTS()	X	-
LT	X	-

MV Basic - Reserved Words M...

Syntax Item	Present	Caché Alternative Exists
MATBUILD	X	-
MATCHES	X	-
MATCHFIELD()	-	-
MATCH	X	-
MATPARSE	X	-
MATREADL	X	-

Syntax Item	Present	Caché Alternative Exists
MATREADU	X	-
MATREAD	X	-
MATWRITEU	X	-
MATWRITE	X	-
MAT	X	-
MAXIMUM()	X	-
MBLEN()	-	-
MESSAGE	X	-
MINIMUM()	X	-
MOD()	X	-
MODS()	X	-
MTU	X	-
MULS()	X	-

MV Basic - Reserved Words N

Syntax Item	Present	Caché Alternative Exists
NAP	X	-
NEG()	X	-
NEGS()	X	-
NES()	X	-
NEXT	X	-
NE	X	-
NO.ISOLATION	-	-
NOBUF	X	-
NOTS()	X	-
NOT()	X	-
NULL	X	-
NUM()	X	-
NUMS()	X	-

MV Basic - Reserved Words O...

Syntax Item	Present	Caché Alternative Exists
OCONV()	X	-
OCONVS()	X	-
OFF	X	-
ON	X	-
OPENCHECK	-	X
OPENDEV	-	-
OPENPATH	X	-
OPENSECURESOCKET	-	X
OPENSEQ	X	-
OPEN	X	-
OPENSOCKET	-	X
ORS()	X	-
OR	X	-
OUT	-	-

MV Basic - Reserved Words P...

Syntax Item	Present	Caché Alternative Exists
PAGE	X	-
PASSLIST	X	-
PCDRIVER	-	X
PERFORM	X	-
PRECISION	X	-
PREPAREXML	-	X
PRINT	X	-
PRINTER	X	-
PRINTERIO	-	X
PRINTERR	-	-
PROCREAD	X	-

Syntax Item	Present	Caché Alternative Exists
PROCWRITE	X	-
PROGRAM	X	-
PROG	X	-
PROMPT	X	-
PROTOCOLLOGGING	-	X
PWR()	X	-

MV Basic - Reserved Words Q

Syntax Item	Present	Caché Alternative Exists
QUOTE()	X	-

MV Basic - Reserved Words R...

Syntax Item	Present	Caché Alternative Exists
RAISE()	X	-
RANDOMIZE	X	-
READ.COMMITTED	X	-
READ.UNCOMMITTED	X	-
READBLK	X	-
READLIST	X	-
READL	X	-
READNEXT	X	-
READSEQ	X	-
READSOCKET	-	X
READT	-	-
READU	X	-
READVL	X	-
READVU	X	-
READV	X	-
READXMLDATA	-	X

Syntax Item	Present	Caché Alternative Exists
READ	X	-
REAL()	-	-
RECIO	-	X
RECORDLOCKED()	-	-
RECORDLOCKL	X	-
RECORDLOCKU	X	-
RELEASEXML	-	X
RELEASE	X	-
REM	X	-
REM()	X	-
REMOVE	X	-
REMOVE()	X	-
REPEATABLE.READ	X	-
REPEAT	X	-
REPLACE()	X	-
RESET	X	-
RETURNING	X	-
RETURN	X	-
REUSE()	X	-
REVREMOVE	X	-
REWIND	-	-
RIGHT()	X	-
RND()	X	-
ROLLBACK	X	-
RPC.CALL	-	X
RPC.CONNECT	-	X
RPC.DISCONNECT	-	X
RQM	X	-

Syntax Item	Present	Caché Alternative Exists
RTNLIST	X	-

MV Basic - Reserved Words S

Syntax Item	Present	Caché Alternative Exists
SADD()	X	-
SAVESECURITYCONTEXT	-	X
SCMP()	X	-
SDIV()	X	-
SEEK(arg)	X	-
SEEK	X	-
SELECTE	X	-
SELECTINDEX	X	-
SELECTINFO()	X	-
SELECTN	X	-
SELECTV	X	-
SELECT	X	-
SEND	-	-
SENTENCE()	X	-
SEQ()	X	-
SEQS()	X	-
SEQSUM	-	X
SERIALIZABLE	X	-
SETAUTHENTICATIONDEPTH	-	X
SETCIPHERSUITE	-	X
SETCLIENTAUTHENTICATION	-	X
SETHHTTPDEFAULT	-	X
SETLOCALE	-	X
SETPRIVATEKEX	-	X
SETRANDOMSEED	-	X

Syntax Item	Present	Caché Alternative Exists
SETREM	X	-
SETSOCKETOPTIONS	-	X
SETTING	X	-
SET	X	-
SETENV()	-	-
SHOWSECURITYCONTEXT	-	X
SIGNATURE()	-	X
SIN()	X	-
SINH()	X	-
SLEEP	X	-
SMUL()	X	-
SOAP FUNCTIONS	-	X
SORT()	-	-
SOUNDEX()	-	-
SPACE()	X	-
SPACES()	X	-
SPLICE()	X	-
SPOOLER()	X	-
SQLALLOCENV	-	See the developer materials on Caché SQL
SQLALLOCONNECT	-	See above.
SQLALLOCSTMT	-	See above.
SQLBINDCOL	-	See above.
SQLCANCEL	-	See above.
SQLCOLATTRIBUTES	-	See above.
SQLCONNECT	-	See above.
SQLDESCRIBECOL	-	See above.
SQLDISCONNECT	-	See above.

Syntax Item	Present	Caché Alternative Exists
SQLERROR	-	See above.
SQLEXECDIRECT	-	See above.
SQLEXECUTE	-	See above.
SQLFETCH	-	See above.
SQLFREECONNECT	-	See above.
SQLFREEENV	-	See above.
SQLFREESTMT	-	See above.
SQLGETCURSORNAME	-	See above.
SQLNUMRESULTCOLS	-	See above.
SQLPREPARE	-	See above.
SQLROWCOUNT	-	See above.
SQLSETCONNECT-OPTION	-	See above.
SQLSETCURSORNAME	-	See above.
SQLSETPARAM	-	See above.
SQRT()	X	-
SQUOTE()	X	-
SSELECTN	X	-
SSELECTV	X	-
SSELECT	X	-
SSUB()	X	-
START	X	-
STATUS()	X	-
STATUS	X	-
STEP	X	-
STOPE	X	-
STOPM	X	-
STOP	X	-
STORAGE	-	X

Syntax Item	Present	Caché Alternative Exists
STR()	X	-
STRS()	X	-
SUBMITREQUEST	-	X
SUBROUTINE	X	-
SUBR()	X	-
SUBS()	X	-
SUBSTRINGS()	X	-
SUM()	X	-
SUMMATION()	X	-
SWAP	X	-
SWAP()	-	-

MV Basic - Reserved Words T...

Syntax Item	Present	Caché Alternative Exists
TABSTOP	-	-
TAN()	X	-
TANDEM	X	-
TANH()	X	-
TERM	X	-
TERMINFO()	-	-
THEN	X	-
TIME()	X	-
TIMEDATE()	X	-
TIMEOUT	-	-
TO	X	-
TPARM()	-	-
TPRINT	-	-
TRANS()	X	-
TRANSACTION	X	-

Syntax Item	Present	Caché Alternative Exists
TRIM()	X	-
TRIMB()	X	-
TRIMBS()	X	-
TRIMF()	X	-
TRIMFS()	X	-
TRIMS()	X	-
TTYCTL	-	X
TTYGET	-	X
TTYSET	-	X

MV Basic - Reserved Words U...

Syntax Item	Present	Caché Alternative Exists
UNASSIGNED()	X	-
UNICHAR()	X	-
UNICHARS()	X	-
UNISEQ()	X	-
UNISEQS()	X	-
UNIT	X	-
UNLOCK	X	-
UNTIL	X	-
UPCASE()	X	-
UPRINT	-	X
USING	X	-

MV Basic - Reserved Words W...

Syntax Item	Present	Caché Alternative Exists
WEOFSEQF	-	-
WEOFSEQ	X	-
WEOF	-	-

Syntax Item	Present	Caché Alternative Exists
WHILE	X	-
WORDSIZE	-	X
WORKWRITE	-	X
WRITEBLK	X	-
WRITELIST	X	-
WRITESEQF	X	-
WRITESEQ	X	-
WRITET	-	-
WRITEU	X	-
WRITEVU	X	-
WRITEV	X	-
WRITE	X	-

MV Basic - Reserved Words X...

Syntax Item	Present	Caché Alternative Exists
XDOM FUNCTIONS	-	X
XLATE	X	-
XMAP FUNCTIONS	-	X
XML FUNCTIONS	-	X
XTD()	X	-

MV Basic Conversion Codes

Code(s)	Description
A	Algebraic functions
BB, BX	Binary & hexadecimal conversion
C	Concatenation
D, DI	Date & international date conversion
F	Mathematical functions
G	Group extraction

Code(s)	Description
L	Length function
MB	Binary conversion
MCA, MC/A	Masked alphabetic and non-alphabetic conversion
MCD, MCDX	Decimal to hexadecimal conversion
MCL, MCU, MCT	Masked lowercase, uppercase and initial capitals conversion
MCM, MC/M	Masked multi- and single-byte conversion
MCN, MC/N	Masked numeric and non-numeric conversion
MCP	Masked non-printable character conversion
MCW	Masked wide-character conversion
MCX, MCXD	Hexadecimal to decimal conversion
MD	Masked decimal conversion
ML, MR	Masked left, right conversion
MM	NLS monetary conversion
MO, MP, MX	Octal, packed decimal, hexadecimal conversion
MT	Masked time conversion
MU0C	Hexadecimal Unicode character conversion
MY	ASCII conversion
P	Pattern-matching
R	Range function
S	Substitution
T	Text extraction
T<filename>	File translation
TI	International time conversion
U<name>	User exit to entrypoint <name>.