

CICS API Support Reference

Version 4.0 Level U

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The supported CICS API calls and the parameters that are supported for each are listed in the table on the following pages. Note that only API's that are at least partially supported are included. If an API is not listed, it is not supported. The NOHANDLE and RESP commands are supported for those commands where applicable, even if not specifically indicated.

For more information on programming with Eden Server, including information on other supported API's and the Eden Client EPI / ECI interface, see the [Programmers Reference](#).

ABEND

Options: ABCODE Full support

ADDRESS

Options: TCTUA Full support (see notes)
 TWA Full Support (see notes)
 EIB Full support

Notes: Both the TCTUA and TWA are accessible within a client session.
 Both areas are persistent across transactions but may not be
 shared with transactions running on different terminals.

ASKTIME

Options: ABSTIME Full support

ASSIGN

Options: APPLID Full support
 BTRANS Returns x'00'
 COLOR Returns x'00'
 CWALEN Returns x'00'
 EXTDS Returns x'FF'
 FACILITY Full support
 GCHARS Returns zero.
 GCODES Returns zero
 HILIGHT Returns x'FF'
 KATAKANA Returns x'00'
 MAPCOLUMN Returns x'00'
 OPSECURITY Full support
 OPID Full support
 OPSECURITY Full support
 SCRNHT Full support
 SCRNWD Full support
 STARTCODE Full support
 USERID Returns Windows Login name

BIF DEEDIT

Options:	FIELD	Full support
	LENGTH	Full support

CANCEL

Options:	REQID	Full support
	SYSID	Ignored – treated as documentary
	TRANSID	Ignored – treated as documentary

DELAY

Options:	INTERVAL	Full support
	TIME	Full support
	FOR	Full support
	UNTIL	Full support

DELETE

Options:	DATASET	Full support
	FILE	Full support
	GENERIC	Full support
	KEYLENGTH	Full support
	NUMREC	Full support
	RBA	Full support
	RIDFLD	Full support
	RRN	Full support
	SYSID	Ignored – treated as documentary

DELETEQ TD

Options:	QUEUE	Full support
	SYSID	Ignored – treated as documentary

DELETEQ TS

Options:	QUEUE SYSID	Full support Ignored – treated as documentary
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DEQ

Options:	LENGTH RESOURCE	Full support Full support
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ENDBR

Options:	DATASET FILE REQID SYSID	Full support Full support Full support Ignored – treated as documentary
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ENQ

Options:	LENGTH NOSUSPEND RESOURCE	Full support Full support Full support
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FORMATTIME

Options:	ABSTIME	Full support
	TIME	Full support
	TIMESEP	Full support
	DATE	Full support
	FULLDATE	Full support
	DATESEP	Full support
	YYDDD	Full support
	YYYYDDD	Full support
	YYMMDD	Full support
	YYYYMMDD	Full support
	YYDDMM	Full support
	YYYYDDMM	Full support
	DDMMYY	Full support
	DDMMYYYY	Full support
	MMDDYY	Full support
	MMDDYYYY	Full support
	DAYCOUNT	Full support
	DAYOFWEEK	Full support
	DAYOFMONTH	Full support
	MONTHOFYEAR	Full support
	DATEFORM	Full support
	YEAR	Full support

FREEMAIN

Options:	DATA	Full support
	DATAPointer	Full support

GETMAIN

Options:	FLENGTH	Full support
	INITIMG	Full support
	LENGTH	Full support
	SET	Full support

HANDLE AID

Options:	ANYKEY	Full Support
	CLEAR	Full support
	CLRPARTN	Condition not produced
	LIGHTPEN	Full support
	OPERID	Condition not produced
	PA1 – PF24	Full support
	TRIGGER	Condition not produced

Note: Those items marked 'Condition not produced' are supported, however the conditions are never raised by Eden.

HANDLE CONDITION

Options:	DSIDERR	Full support
	DSNOTFOUND	DSIDERR is returned
	DUPKEY	Full support
	DUPREC	Full support
	ENDDATA	Full support
	ENDFILE	Full support
	ENQBUSY	Full support
	ERROR	Full support
	FILENOTFOUND	DSIDERR is returned
	ILLOGIC	Full support
	INVREQ	Full support
	IOERR	Full support
	ITEMERR	Full support
	LENGERR	Full support
	MAPFAIL	Full support
	NOSPACE	Full support
	NOSTART	Full support
	NOSTG	Full support
	NOTFND	Full support
	NOTOPEN	Full support
	PGMIDERR	Full support
	ROLLEDBACK	Full support
	TRANSIDERR	Full support

Note: Conditions that are not listed are never produced by Eden and, if found within an EXEC CICS HANDLE or EXEC CICS IGNORE command, they are treated as documentary only

IGNORE CONDITION

Note: See HANDLE CONDITION

INQUIRE FILE

Options:	ACCESSMETHOD	Full support
	ADD	Full support
	BASENAME	Full support
	BROWSE	Full support
	DELETE	Full support
	EMPTYSTATUS	Full support
	ENABLESTATUS	Full support
	FILE (or DATASET)	Full support
	FILESERVER	Full support
	INDEXNAME	Full support
	KEYLENGTH	Full support
	KEYPOSITION	Full support
	OBJECT	Full support
	OPENSTATUS	Full support
	READ	Full support
	RECORDFORMAT	Full support
	RECORDSIZE	Full support
	RECOVSTATUS	Full support
	RELTYPE	Full support
	REMOTENAME	Full support
	REMOTESYSTEM	Full support
	STRINGS	Full support
	TYPE	Full support
	UPDATE	Full support

INQUIRE TERMINAL

Options:	SCREENHEIGHT	Full support
	SCREENWIDTH	Full support

ISSUE

Options:	CURSOR	Full support
	FORMFEED	Unsupported
	ERASE	Full support
	ERASEAUP	Full support
	PRINT	Unsupported
	ALARM	Full support
	FRSET	Full support
	DISCONNECT	Full support (Ignored for Printers)
	REMOVETABS	Eden Server extension

LINK

Options:	COMMAREA	Full support
	DATALENGTH	Unsupported
	INPUTMG	Unsupported
	INPUTMSGLEN	Unsupported
	LENGTH	Full support
	PROGRAM	Full support
	RN	Unsupported
	SYNCONRETU	Unsupported
	SYSID	Ignored – treated as documentary
	TRANSID	Unsupported

LOAD

Options:	PROGRAM	Full support
	SET	Full support
	LENGTH	Full support
	FLENGTH	Full support
	ENTRY	Ignored
	HOLD	Full support

Notes: Use of LOAD PROGRAM is intended for DSECTS only. Areas loaded are shared by all client sessions, even distributed clients.

POP

Options:	No options	Full support
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Note: Up to 10 levels of saved settings are supported via POP

PUSH

Options: No options Full support

Note: Up to 10 levels of saved settings are supported via PUSH

READ

Options:	DATASET	Full support
	DEBKEY	Unsupported
	DEBREC	Unsupported
	EQUAL	Full support
	FILE	Full support
	GENERIC	Full support
	GTEQ	Full support
	INTO	Full support
	KEYLENGTH	Full support
	LENGTH	Full support
	RBA	Full support
	RIDFLD	Full support
	RRN	Full support
	SET	Full support
	SYSID	Ignored – treated as documentary
	UPDATE	Full support

READNEXT

Options:	DATASET	Full support
	FILE	Full support
	INTO	Full support
	KEYLENGTH	Full support
	LENGTH	Full support
	RBA	Full support
	REQID	Full support
	RIDFLD	Full support
	RRN	Full support
	SET	Full support
	SYSID	Ignored – treated as documentary

READPREV

Options:	KEYLENGTH	Full support
	LENGTH	Full support
	RBA	Full support
	REQID	Full support
	RIDFLD	Full support
	RRN	Full support
	SET	Full support
	SYSID	Ignored – treated as documentary

READQ TD

Options:	INTO	Full support
	LENGTH	Full support
	QUEUE	Full support
	SET	Full support
	SYSID	Ignored – treated as documentary

READQ TS

Options:	INTO	Full support
	ITEM	Full support
	LENGTH	Full support
	NEXT	Full support
	NUMITEMS	Full support
	QUEUE	Full support
	SET	Full support
	SYSID	Ignored – treated as documentary

RECEIVE

Options:	ASIS	Full support
	BUFFER	Full support
	INTO	Full support
	FLENGTH	Full support
	MAXFLENGTH	Unsupported
	NOTRUNCATE	Unsupported
	SET	Full support
	LENGTH	Full support

Note: 3270 data streams are supported in ASCII

RECEIVE MAP

Options:	ASIS	Full support
	INPARTN	Unsupported
	INTO	Full support
	LENGTH	Full support
	MAPSET	Full support
	SET	Full support
	FROM	Full support
	TERMINAL	Ignored – treated as documentary

RESETBR

Options:	DATASET	Full support
	EQUAL	Full support
	FILE	Full support
	GENERIC	Full support
	GTEQ	Full support
	KEYLENGTH	Full support
	RBA	Full support
	REQID	Full support
	RIDFLD	Full support
	RRN	Full support
	SYSID	Ignored – treated as documentary

RETRIVE

Options:	INTO	Full support
	LENGTH	Full support
	QUEUE	Unsupported
	RTERMID	Unsupported
	RTRANSID	Unsupported
	SET	Full support
	WAIT	Unsupported

RETURN

Options:	COMMAREA	Full support
	LENGTH	Full support
	IMMEDEATE	Unsupported
	INPUTMSG	Unsupported
	INPUTMSGLEN	Unsupported
	TRANSID	Full support

REWRITE

Options:	DATASET	Full support
	FILE	Full support
	FROM	Full support
	LENGTH	Full support
	SYSID	Ignored – treated as documentary

SEND CONTROL

Options:	ACCUM	Unsupported
	ALARM	Full support
	ACTPARTN	Unsupported
	CURSOR	Full support
	ERASE	Full support
	ERASEAUP	Full support
	FORMFEED	Unsupported
	FREEKB	Full support
	FRSET	Full support
	HONEOM	Unsupported
	L40	Unsupported
	L64	Unsupported
	L80	Unsupported
	LAST	Unsupported
	LDC	Unsupported
	MSR	Unsupported
	OUTPARTN	Unsupported
	PAGING	Unsupported
	PRINT	Unsupported
	REQID	Unsupported
	SET	Unsupported
	TERMINAL	Ignored – treated as documentary
	WAIT	Ignored – all SEND's force a WAIT

SEND FROM

Options:	CTLCAHR	Full support (ASCII data streams only)
	DEFRESP	Unsupported
	DEST	Unsupported
	ERASE	Full support
	FLENGTH	Full support
	INVITE	Unsupported
	LAST	Unsupported
	LENGTH	Full support
	STRFIELD	Unsupported
	WAIT	Ignored – all SEND's force a WAIT

SEND MAP

Options:	ACCUM	Full support
	ACTPARTN	Unsupported
	ALARM	Full support
	CURSOR	Full support
	DATAONLY	Full support
	ERASE	Full support
	ERASEAUP	Full support
	FMHPARM	Unsupported
	FORMFEED	Unsupported
	FREEKB	Full support
	FROM	Full support
	FRSET	Full support
	HOMEOM	Unsupported
	L40	Unsupported
	L64	Unsupported
	L80	Unsupported
	LAST	Unsupported
	LDC	Unsupported
	LENGTH	Full support
	MAP	Full support
	MAPONLY	Full support
	MAPSET	Full support
	MSR	Unsupported
	NLEOM	Unsupported
	NOFLUSH	Unsupported
	OUTPARTN	Unsupported
	PAGING	Full support
	PRINT	Unsupported
	REQID	Unsupported
	SET	Unsupported
	TERMINAL	Unsupported
	WAIT	Ignored – all SEND's force a WAIT
	DDTEXT	Eden extension, see Programmers Reference for more information.
	FIELDHELP	Eden extension, see Programmers Reference for more information.
	GUISTATE	Eden extension, see Programmers Reference for more information.

SEND PAGE

Options:	RELEASE	Full support
	TRANSID	Full support
	RETAIN	Full support
	TRAILER	Full support
	SET	Unsupported
	AUTOPAGE	Full support
	NOAUTOPAGE	Full support
	OPERPURGE	Full support
	FMHPARM	Unsupported
	LAST	Full support

SEND TEXT

Note: Supported via the [SEND](#) command.

START

Options:	AFTER	Full support
	AT	Full support
	FMH	Unsupported
	FROM	Full support
	HOURS	Full support
	INTERVAL	Full support
	LENGTH	Full support
	MINUTES	Full support
	NOCHECK	Unsupported
	PROTECT	Unsupported
	QUEUE	Unsupported
	REQID	Full support
	RTERMID	Unsupported
	RTRANSID	Unsupported
	SECONDS	Full support
	SYSID	Ignored – treated as documentary
	TERMID	Full support
	TIME	Full support
	TRANSID	Full support

STARTBR

Options:	DATASET	Full support
	DEBKEY	Unsupported
	DEBREC	Unsupported
	EQUAL	Full support
	FILE	Full support
	GENERIC	Full support
	GTEQ	Full support
	KEYLENGTH	Full support
	RBA	Full support
	REQID	Full support
	RIDFLD	Full support
	RRN	Full support
	SYSID	Ignored – treated as documentary

SUSPEND

Options:	No options	Full support
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SYNCPOINT

Options:	ROLLBACK	Full support
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UNLOCK

Options:	DATASET	Full support
	FILE	Full support
	SYSID	Ignored – treated as documentary

WRITE

Options:	DATASET	Full support
	FILE	Full support
	FROM	Full support
	KEYLENGTH	Full support
	LENGTH	Full support
	MASSINSERT	Unsupported
	RBA	Full support
	RIDFLD	Full support
	RRN	Full support
	RBA	Full support
	SYSID	Ignored – treated as documentary

WRITE OPERATOR

Options:	TEXT	Full support
	TEXTLENGTH	Full support
	ACTION	Full support
	EVENTUAL	Full Support
	IMMEDIATE	Full Support
	CRITICAL	Full Support

WRITEQ TD

Options:	FROM	Full support
	LENGTH	Full support
	QUEUE	Full support
	SYSID	Ignored – treated as documentary

WRITEQ TS

Options:	AUXILIARY	Ignored – all TS queues reside on Eden server disk(s).
	FROM	Full support
	LENGTH	Full support
	MAIN	Ignored – all TS queues reside on Eden server disk(s).
	NOSUSPEND	Unsupported
	NUMITEMS	Full support
	QUEUE	Full support
	ITEM	Full support
	REWRITE	Full support
	SYSID	Ignored – treated as documentary

XCTL

Options:	COMMAREA	Full support
	INPUTMSG	Unsupported
	INPUTMSGLEN	Unsupported
	PROGRAM	Full support
	LENGTH	Full support