

# CICS Statements

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CICS Command Description	Format
Terminate task abnormally	ABEND [ABCODE[ <i>codename</i> ]] [CANCEL] [NODUMP]
Get access to CICS storage areas	ADDRESS [COMMAREA( <i>ptr-ref</i> )] [ACEE( <i>ptr-ref</i> )] [CWA( <i>ptr-ref</i> )] [EIB( <i>ptr-ref</i> )] [TCTUA( <i>ptr-ref</i> )] [TWA( <i>ptr-ref</i> )]
Set the address of a structure or pointer	ADDRESS [SET( <i>field</i> ) USING( <i>ptr</i> )]
Set address of a structure or pointer	ADDRESS SET( <i>ptr-ref</i> ) USING( <i>data</i> )
Request current date and time of day	ASKTIME [ABSTIME( <i>field</i> )]
Request values from outside the application program's local environment	ASSIGN [ABCODE( <i>field</i> )] [ALTSCRNHT( <i>field</i> )] [ALTSCRNWD( <i>field</i> )] [APPLID( <i>field</i> )] [CMDSEC( <i>field</i> )] [COLOR( <i>field</i> )] [CWALENG( <i>field</i> )] [DEFSCRNHT( <i>field</i> )] [DEFSCRNWD( <i>field</i> )] [DELIMITER( <i>field</i> )] [DESTCOUNT( <i>field</i> )] [DESTID( <i>field</i> )] [DESTIDLENG( <i>field</i> )] [EXTDS( <i>field</i> )] [EWASUPP( <i>field</i> )] [HIGHLIGHT( <i>field</i> )] [INVOKINGPROG( <i>field</i> )] [MAPCOLUMN( <i>field</i> )] [MAPHEIGHT( <i>field</i> )] [MAPLINE( <i>field</i> )] [MAPWIDTH( <i>field</i> )] [OPERKEYS( <i>field</i> )] [OPID( <i>field</i> )] [PAGENUM( <i>field</i> )] [PROGRAM( <i>field</i> )] [QNAME( <i>field</i> )] [SCRNHT( <i>field</i> )] [SCRNWD( <i>field</i> )] [SYSID( <i>field</i> )] [TCTUALENG( <i>field</i> )] [TUALENG( <i>field</i> )] [USERNAME( <i>field</i> )]
Deediting (built-in function)	BIF DEEDIT FIELD( <i>field</i> ) [LENGTH( <i>DATA</i> )]
Cancel interval control requests	CANCEL [REQID[ <i>NAME</i> ]] [TRANSID( <i>name</i> )] [SYSID( <i>systemname</i> )]
Communicate on a 3270	CONVERSE FROM( <i>field</i> ) {FROMLENGTH( <i>data-value</i> )   FROMFLENGTH( <i>data-value</i> )} {INTO( <i>field</i> )   SET( <i>ptr</i> )} {TOLENGTH( <i>field</i> )   TOFLENGTH( <i>field</i> )} [DEFRESP] [CTLCHAR( <i>data-value</i> )] [ERASE] [DEFAULT] [ALTERNATE]
Delay the processing of a task	DELAY {INTERVAL(0)   INTERVAL( <i>hhmmss</i> )}
Delay the processing of a task	DELAY TIME( <i>hhmmss</i> )
Delay the processing of a task	DELAY FOR HOURS( <i>hours</i> )   MINUTES( <i>mins</i> )   SECONDS( <i>secs</i> )
Delay the processing of a task	DELAY UNTIL HOURS( <i>hours</i> )   MINUTES( <i>mins</i> )   SECONDS( <i>secs</i> )
Delete a record from a file	DELETE FILE( <i>filename</i> ) [TOKEN( <i>data-value</i> )] [SYSID( <i>systemname</i> )] [RBA   RRN] [RIDFLD( <i>field</i> )] [KEYLENGTH( <i>data-value</i> )] [GENERIC] [NUMREC( <i>field</i> )]
Delete all transient data	DELETEQ TD QUEUE( <i>name</i> ) [SYSID( <i>systemname</i> )]
Delete a temporary storage queue	DELETEQ TS QUEUE( <i>name</i> ) [SYSID( <i>systemname</i> )]
Schedule use of a resource by a task (dequeue)	DEQ RESOURCE( <i>field</i> ) [LENGTH( <i>data-value</i> )] [LUW] [MAXLIFETIME( <i>cvda</i> )   TASK]



CICS Command Description	Format
Request a transaction dump	DUMP TRANSACTION DUMPCODE(name) [FROM(field)] [LENGTH(data-value)] [LENGTH(data-value)] [COMPLETE] [TASK] [STORAGE] [PROGRAM] [TERMINAL] [TABLES] [DCT] [FCT] [PCT] [PPT] [SIT] [TCT] [DUMPID(field)]
End browse of a file	ENDBR FILE(filename) [REQID(data-value)] [SYSID(systemname)]
Schedule use of a resource by a task (enqueue)	ENQ RESOURCE(field) [LENGTH(data-value)] [LUW   MAXLIFETIME(cvda)   TASK] [NOSUSPEND]
Transform absolute date and time into format	FORMATTIME ABSTIME(field)[YYYYDDD(field)] [YYYYMMDD(field)] [YYYYDDMM(field)] [YYDDD(field)] [YYMMDD(field)] [YYDDMM(field)] [DDMMYYYY(field)] [DDMMYY(field)] [MMDDYYYY(field)] [MMDDYY(field)] [DATE(field)DATEFORM(field)] [DATESEP[(data-value)]] [DAYCOUNT(field)] [DAYOFWEEK(field)] [DAYOFMONTH(field)] [MONTHOFYEAR(field)] [YEAR(field)] [TIME(field)[TIMESEP[(data-value)]]]
Release main storage acquired by a GETMAIN command	FREEMAIN DATA(field) [DATAPOINTER(ptr-value)]
Get main storage	GETMAIN SET(ptr-ref) FLENGTH(data-value) [LENGTH(data-value)] [BELOW] [INITIMG(data-value)] [SHARED] [NOSUSPEND] [USERDATAKEY] [CICSDATAKEY]
Handle an abnormal termination exit	HANDLE ABEND [CANCEL] [PROGRAM(name)] [ LABEL(label)] [ RESET]
Handle attention identifiers (AIDs)	HANDLE AID [ANYKEY[(label)]] [CLEAR[(label)]] [CLRPARTN[(label)]] [ENTER[(label)]] [LIGHTPEN[(label)]] [OPERID[(LABEL)]] [PA1-PA3[(label)]] [PF1-PF24[(label)]] [TRIGGER[(label)]]
Handle conditions	HANDLE CONDITION condition[(label)]
Ignore conditions	IGNORE CONDITION condition
Link to another program expecting return	LINK PROGRAM(name) [COMMAREA(field)] [LENGTH(length-value)] [DATALENGTH(data-value)]
Load a program from the CICS DFHRPL concatenation library into main storage	LOAD PROGRAM(name) SET(ptr-ref)[LENGTH(field)   FLENGTH(field)] [ENTRY(ptr-ref)] [HOLD]
Restore the stack	POP HANDLE
Request notification when a specified time has expired	POST [SET(ptr-ref)] [INTERVAL(0)   INTERVAL(hhmmss)] [TIME(hhmmss)] [AFTER { HOURS(data-value)   MINUTES(data-value)   SECONDS(data-value)}] [AT [HOURS(data-value)   MINUTES(data-value)   SECONDS(data-value)]] [REQID(name)]
Discontinue building a logical message	PURGE MESSAGE

CICS Command Description	Format
Suspend the stack	PUSH HANDLE
Read a record from a file	READ FILE(filename)[UPDATE] [TOKEN(data-value)] [INTO(field)] [RIDFLD(field)] [SET(ptr-ref)] [LENGTH(field)] [KEYLENGTH(data-value)] [SYSID(systemname)] [GENERIC] [EQUAL] [GTEQ] [RBA] [RRN]
Read next record during a browse of a file	READNEXT FILE(filename)[INTO(field)   SET(ptr-ref)] [RIDFLD(field)] [LENGTH(field)] [KEYLENGTH(data-value)] [REQID(data-value)] [SYSID(systemname)] [RBA] [RRN]
Read previous record during a file browse	READPREV FILE(filename){INTO(field)   SET(ptr-ref)} [RIDFLD(field)] [LENGTH(field)] [KEYLENGTH(data-value)] [REQID(data-value) ] [SYSID(systemname)] [RBA] [RRN]
Read data from the transient data queue	READQ TD QUEUE(name) {INTO(field)   SET(ptr-ref)} [LENGTH(field)] [SYSID(systemname)] [ NOSUSPEND]
Read data from temporary storage queue	READQ TS QUEUE(name) {INTO(field)   SET(ptr-ref)} [LENGTH(field)] [NEXT] [NUMITEMS(field)] [ITEM(data-value)] [SYSID(systemname)]
Receive data from a 3270 logical unit	RECEIVE {INTO(field)   SET(ptr-ref)} {FLENGTH(field)   LENGTH(field)} [MAXLENGTH(data-value)] [ASIS] [BUFFER] [ NOTRUNCATE] [MAXFLENGTH(data-value)]
Read a map	RECEIVE MAP(name) MAPSET(name){INTO(field)   SET(ptr-ref)} [FROM(field)] [TERMINAL] [ASIS] [INPARTN(name)] [LENGTH(len)]
Release a loaded program.	RELEASE PROGRAM(name)
Reset start of browse	RESETBR FILE(filename) RIDFLD(field) [KEYLENGTH(data-value)] [REQID(data-value)] [GENERIC] [GTEQ] [SYSID(systemname)] [EQUAL] [RBA] [RRN]
Retrieve data stored for a task	RETRIEVE {INTO(field)   SET(ptr-ref)} [LENGTH(field)] [QUEUE(field)] [WAIT]
Return program control	RETURN [TRANSID(name)] [COMMAREA(field)] [LENGTH(data-value)]
Update a record in a file	REWRITE FILE(filename) FROM(field) [LENGTH(data-value)] [SYSID(systemname)]
Route a BMS message	ROUTE [INTERVAL(0)   INTERVAL(hhmmss)] [TIME(hhmmss)] [AFTER { HOURS(data-value)   MINUTES(data-value)   SECONDS(data-value)}] [AT [HOURS(data-value)   MINUTES(data-value)   SECONDS(data-value)]] [ERRTERM[(name)]] [TITLE(field)] [LIST(field)] [OPCLASS(field)] [REQID(name)] [LDC(name)] [NLEOM]
Write data to a 3270 logical unit	SEND FROM(field) {LENGTH(data-value)   FLENGTH(data-value)} [WAIT] [ERASE] [CTLCHAR]



CICS Command Description	Format
SEND writes map to a terminal	SEND MAP(name) MAPSET(name)FROM(field)[DATAONLY   MAPONLY] LENGTH(data-value)[CURSOR] [ERASE] [PRINT] [FREEKB] [ALARM] [FRSET]
Start a new transaction	START TRANSID(name) [INTERVAL(0)   INTERVAL(hhmmss)] [TIME(hhmmss)] [AFTER { HOURS(data-value)   MINUTES(data-value)   SECONDS(data-value)}] [AT [HOURS(data-value)   MINUTES(data-value)   SECONDS(data-value)]] [REQID(name)] [FROM(field)] [LENGTH(data-value)] [TERMINID(name)] [SYSID(systemname)] [USERID(data-value)] [QUEUE(name)] [NOCHECK]
Start browse of a file	STARTBR FILE(filename) RIDFLD(field)[KEYLENGTH(data-value)] [REQID(data-value)] [GENERIC] [SYSID(systemname)] [RBA] [RRN] [GTEQ] [EQUAL]
Suspend a task	SUSPEND
Establish a syncpoint	SYNCPOINT
Back out to last syncpoint	SYNCPOINT ROLLBACK
Release exclusive control	UNLOCK FILE(filename) [SYSID(systemname)]
Write a record	WRITE FILE(filename) FROM(field) [MASSINSERT] [RIDFLD(field)] [LENGTH(data-value)] [KEYLENGTH(data-value)] [SYSID(systemname)] [RBA] [RRN]
Write data to transient data queue	WRITEQ TD QUEUE(name) FROM(field)[LENGTH(data-value)] [SYSID(systemname)]
Write data to a temporary storage queue	WRITEQ TS QUEUE(name) FROM(field)[LENGTH(data-value)] [NUMITEMS(field)] [SYSID(systemname)] [ITEM(field)] [REWRITE] [AUXILIARY] [MAIN] [NOSUSPEND]
Transfer program control	XCTL PROGRAM(name) [COMMAREA(field)] [LENGTH(data-value)]

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