

File & Terminal I/O Statements

| | |
|---|------------------------------------|
| ACCEPT (<i>channel, variable, label</i>) | Receive character from channel |
| CLOSE <i>channel</i> | Close channel |
| DELETE (<i>channel</i>) | Delete record from ISAM file |
| DISPLAY (<i>channel, item, ...</i>) | Send output to device or file |
| FIND (<i>channel, record, key_spec</i>) | Find record |
| FORMS (<i>channel, control_code</i>) | Process ASCII control codes |
| GET (<i>channel, data_area, record</i>) | Receive data from channel |
| GETS (<i>channel, data_area, label</i>) | Get sequential binary data |
| PUT (<i>channel, data_area, record</i>) | Write fixed-length data |
| PUTS (<i>channel, data_area, label</i>) | Write sequential fixed-length data |
| OPEN (<i>channel, mode:submode, file</i>) | Open channel |
| READ (<i>channel, data_area, key_spec</i>) | Read specific record |
| READS (<i>channel, data_area, label</i>) | Read next sequential record |
| STORE (<i>channel, data_area</i>) | Store record to ISAM file |
| UNLOCK <i>channel, RFA:match_rfa</i> | Release record lock on channel |
| WRITE (<i>channel, data_area, record</i>) | Write record to file |
| WRITES (<i>channel, data_area, label</i>) | Write next sequential record |

Modes & Submodes

| | TT: | I | O | U | I:I | U:I | I:R | O:R | U:R |
|----------------|-----|---|---|---|-----|-----|-----|-----|-----|
| ACCEPT | ✓ | ✓ | | | | | | | |
| DELETE | | | | | | ✓ | | | |
| DISPLAY | ✓ | | ✓ | | | | | | |
| FIND | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| FORMS | ✓ | | ✓ | | | | | | |
| GET | | ✓ | ✓ | ✓ | | | | | |
| GETS | ✓ | ✓ | ✓ | | | | | | |
| PUT | | | ✓ | ✓ | | | | | |
| PUTS | ✓ | | ✓ | | | | | | |
| READ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| READS | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ |
| STORE | | | | | | ✓ | | | |
| WRITE | | | ✓ | ✓ | | ✓ | | ✓ | ✓ |
| WRITES | ✓ | | ✓ | | | | | ✓ | ✓ |

Use TT: to I/O to the terminal

I/O Mode

| | | |
|---|--------|--------------------------|
| I | Input | Read existing file |
| O | Output | Write new file |
| U | Update | Read/Write existing file |

I/O Submode

| | | |
|---|----------|-------------------------|
| R | Relative | Relative access to file |
| I | Indexed | Access ISAM file |

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| FIND | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| FORMS | ✓ | | ✓ | | | | | | |
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Display Items

DISPLAY(*channel*, *item*, ...)

| | |
|--|---|
| \$SRC_POS (<i>row</i> , <i>col</i>) | Reset absolute position of cursor |
| \$SCR_CLR (<i>function</i>) | Clear specific portion of screen |
| SCREEN | Entire screen |
| EOL | Current position to end of line |
| EOS | Current position to end of screen |
| LINE | Current line |
| BOL | Beginning of line to current position |
| BOS | Beginning of screen to current position |
| \$SCR_MOV (<i>row</i> , <i>col</i>) | Move cursor relative to current position |
| \$SCR_ATT (<i>function</i> , ...) | Modify screen attributes |
| CLEAR | All attributes off |
| BOLD | Bolding on |
| UNDER | Underlining on |
| BLINK | Blinking on |
| REVERSE | Reverse video on |
| GON | Graphics on |
| GOFF | Graphics off |
| SAVE | Save attributes (Unix & OpenVMS only) |
| RESTORE | Restore attributes from last SAVE (Unix & OpenVMS only) |

Runtime Option Flags

xcall **FLAGS**(*flags*, *control*)

| | |
|----|---|
| 10 | Don't echo terminator character |
| 9 | Allow terminal input for READS without explicit terminal characters |
| 8 | Ignore interrupt characters |
| 7 | Suppress program termination message |
| 6 | No record attributes (OpenVMS) |
| 5 | Don't echo input |
| 4 | Replace most recent characters with paint characters on delete |
| 3 | Check for duplicate filenames |
| 2 | Process case-sensitive terminal input |
| 1 | Apply European formatting conventions |



Resource Center: synergex.com/welcomeRC

Documentation: synergex.com/docs

Email: support@synergex.com

Call: 800.366.3472

916.635.7300

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