

NET-OPER

| | |
|------------------|---|
| File | 15 |
| Op-Sys | OS/390, VSE/ESA |
| Statement | FIND / PROCESS |
| Task | Issue VTAM commands and retrieve VTAM messages. Note that commands and messages are not logged to the system console. |

Common Fields for all Operating Systems

| Dictionary Field Name | F/L | Mu | DE | Remarks |
|-----------------------|------|-----|----|---------------------|
| ERROR-CODE | N3 | | | |
| ERROR-TEXT | A58 | | | |
| NODE | N5 | | D | |
| NODE-NAME | A16 | | D | |
| COMMAND | A80 | | D | Required. |
| LINE-LENGTH | N3 | | D | |
| LINE | A126 | | D | |
| LINE-STATUS | A3 | | D | |
| PURGE-PREVIOUS | A3 | | D | |
| TIME-STAMP | A8 | | D | |
| TERMINATE-TIME | N5 | | D | |
| TOKEN-VECTOR | A225 | | D | |
| NUMBER-OF-TOKENS | N3 | | D | |
| TOKENS | A15 | M20 | D | See fields TOKEN-n. |
| TOKEN-1 | A15 | | D | |
| TOKEN-2 | A15 | | D | |
| TOKEN-3 | A15 | | D | |
| TOKEN-4 | A15 | | D | |
| TOKEN-5 | A15 | | D | |
| TOKEN-6 | A15 | | D | |
| TOKEN-7 | A15 | | D | |
| TOKEN-8 | A15 | | D | |
| TOKEN-9 | A15 | | D | |
| TOKEN-10 | A15 | | D | |
| TOKEN-11 | A15 | | D | |
| TOKEN-12 | A15 | | D | |
| TOKEN-13 | A15 | | D | |
| TOKEN-14 | A15 | | D | |
| TOKEN-15 | A15 | | D | |
| TOKEN-16 | A15 | | D | |
| TOKEN-17 | A15 | | D | |
| TOKEN-18 | A15 | | D | |
| TOKEN-19 | A15 | | D | |
| TOKEN-20 | A15 | | D | |

Relevant Error Codes

| Code | Text | OS/390 | VSE/ESA |
|------|--------------------------------|--------|---------|
| 840 | VTAM operator ACB is not open. | X | X |
| 841 | VTAM error in SENDCMD. | X | X |
| 842 | Invalid VTAM command. | X | X |

Field Descriptions

| Field Name | Type/Length | Operating System |
|------------|-------------|------------------|
| COMMAND | (A80) | OS/390, VSE/ESA |

VTAM command.

| Field Name | Type/Length | Operating System |
|------------|-------------|------------------|
| LINE | (A126) | OS/390, VSE/ESA |

Output line from VTAM. This line is split into segments, known as tokens. The field NUMBER-OF-TOKENS contains the token count, the TOKEN-1 to TOKEN-20 fields contain the corresponding tokens.

| Field Name | Type/Length | Operating System |
|-------------|-------------|------------------|
| LINE-LENGTH | (N3) | OS/390, VSE/ESA |

Length of output line.

| Field Name | Type/Length | Operating System |
|-------------|-------------|------------------|
| LINE-STATUS | (A3) | OS/390, VSE/ESA |

Line status. Possible values:

| Value | Explanation |
|-------|---|
| NO | No line has been returned. This means that no VTAM messages are currently queued for this user. |
| YES | A line has been returned. |

| Field Name | Type/Length | Operating System |
|------------------|-------------|------------------|
| NUMBER-OF-TOKENS | (N3) | OS/390, VSE/ESA |

Number of tokens in line.

| Field Name | Type/Length | Operating System |
|----------------|-------------|------------------|
| PURGE-PREVIOUS | (A3) | OS/390, VSE/ESA |

Action to be performed on messages. Possible options:

| Option | Explanation |
|--------|---|
| NO | The messages for this user are not purged. |
| YES | Purge any messages queued for this user before issuing a new command. |

| Field Name | Type/Length | Operating System |
|----------------|-------------|------------------|
| TERMINATE-TIME | (N5) | OS/390, VSE/ESA |

Terminate processing loop if no real lines have been returned within the specified period. The default is 60 seconds.

| Field Name | Type/Length | Operating System |
|------------|-------------|------------------|
| TIME-STAMP | (A8) | OS/390, VSE/ESA |

The time the message was received from VTAM in the format: HH:MM:SS.

| Field Name | Type/Length | Operating System |
|------------|-------------|------------------|
| TOKEN-n | (A15) | OS/390, VSE/ESA |

Tokens 1 to 20. These are returned in a multiple field (20 tokens of 15 bytes each).

| Field Name | Type/Length | Operating System |
|------------|-------------|------------------|
| TOKENS | (A15) | OS/390, VSE/ESA |

Tokenized VTAM output line (20 tokens with a length of 15 bytes each), see field TOKEN-n.

| Field Name | Type/Length | Operating System |
|--------------|-------------|------------------|
| TOKEN-VECTOR | (A225) | OS/390, VSE/ESA |

Tokenized VTAM output line (15 tokens of 15 bytes each).

Default Order of Data Returned

Records are returned in the order that VTAM issues messages.