

```

SSSSSSSSSSSSS  MMM      MMM      GGGGGGGGGGGG  RRRRRRRRRRRR  TTTTTTTTTTTTTT  LLL
SSSSSSSSSSSSS  MMM      MMM      GGGGGGGGGGGG  RRRRRRRRRRRR  TTTTTTTTTTTTTT  LLL
SSSSSSSSSSSSS  MMM      MMM      GGGGGGGGGGGG  RRRRRRRRRRRR  TTTTTTTTTTTTTT  LLL
SSS           MMMMMM  MMMMMM  GGG          RRR          RRR          TTT          LLL
SSS           MMMMMM  MMMMMM  GGG          RRR          RRR          TTT          LLL
SSS           MMMMMM  MMMMMM  GGG          RRR          RRR          TTT          LLL
SSS           MMM      MMM      GGG          RRR          RRR          TTT          LLL
SSS           MMM      MMM      GGG          RRR          RRR          TTT          LLL
SSS           MMM      MMM      GGG          RRR          RRR          TTT          LLL
SSS           MMM      MMM      GGG          RRR          RRR          TTT          LLL
SSSSSSSSSSS    MMM      MMM      GGG          RRRRRRRRRRRR  TTT          LLL
SSSSSSSSSSS    MMM      MMM      GGG          RRRRRRRRRRRR  TTT          LLL
SSSSSSSSSSS    MMM      MMM      GGG          RRRRRRRRRRRR  TTT          LLL
SSS           MMM      MMM      GGG  GGGGGGGGGG  RRR      RRR          TTT          LLL
SSS           MMM      MMM      GGG  GGGGGGGGGG  RRR      RRR          TTT          LLL
SSS           MMM      MMM      GGG  GGGGGGGGGG  RRR      RRR          TTT          LLL
SSS           MMM      MMM      GGG          GGG          RRR      RRR          TTT          LLL
SSS           MMM      MMM      GGG          GGG          RRR      RRR          TTT          LLL
SSS           MMM      MMM      GGG          GGG          RRR      RRR          TTT          LLL
SSS           MMM      MMM      GGG          GGG          RRR      RRR          TTT          LLL
SSSSSSSSSSSSS  MMM      MMM      GGGGGGGGGG  RRR          RRR          TTT          LLLLLLLLLLLLLLLLL
SSSSSSSSSSSSS  MMM      MMM      GGGGGGGGGG  RRR          RRR          TTT          LLLLLLLLLLLLLLLLL
SSSSSSSSSSSSS  MMM      MMM      GGGGGGGGGG  RRR          RRR          TTT          LLLLLLLLLLLLLLLLL

```

```

_s$2
---
001
001
001
001
001
001
001
7FF
7FF
7FF
7FF
7FF
7FF
7FF
7FF
7FF
7FF

```



```

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```

```

+
This file, SMGTRMSTR.REQ, defines the terminal data base
for SMG$$$SIM_TERM.
-

```

```

+
Define codes for character sets.
-

```

LITERAL

```

ASCII_SET=1,
GRAPHICS_SET=2,
ROM_SET=3;

```

```

+
Define codes for terminal type
-

```

LITERAL

```

TERM_TYPE_HCOPY = 0,           ! Hardcopy
TERM_TYPE_VT05  = 1,           ! VT05
TERM_TYPE_VT52  = 2,           ! VT52
TERM_TYPE_VT100 = 3;          ! VT100

```

```

+
This field holds information about a simulated terminal.
-

```

FIELD

```

TERM_STR_FIELD =
  SET
  ESC_STATUS = [0, 1, 1, 0],   ! In an escape sequence

```

```
CTL_STATUS = [0, 2, 1, 0],
SECOND_ARG = [0, 3, 1, 0],
ERROR_STATUS = [0, 4, 1, 0],
PRIV_STATUS = [0, 5, 1, 0],
INSERT_MODE = [0, 6, 1, 0],
GO_STATE = [0, 7, 1, 0],
G1_STATE = [0, 8, 1, 0],
ARG_1 = [1, 0, %BPVAL, 1],
ARG_2 = [2, 0, %BPVAL, 1],
GO_SET = [3, 0, %BPVAL, 0],
G1_SET = [4, 0, %BPVAL, 0],
SAVED_HPOS = [5, 0, %BPVAL, 0],
SAVED_VERT = [6, 0, %BPVAL, 0],
SAVED_VIDEO_ATTR = [7, 0, %BPVAL, 0]
TES;
```

```
! In a control sequence (or DCA for VT52)
! Now accumulating second argument
! Bad text has been sent to the terminal
! Private parameter specified
! Set if in insert mode
! Saw a "("
! Saw a ")"
! Control seq arg 1
! Control seq arg 2
! Character set loaded into GO
! Character set loaded into G0
```

LITERAL

```
TERM_STR_LEN = 8;
```

```
! End of file SMGTRMSTR.R32
```

This document is a collection of system manuals and reference files for the VAX/VMS operating system, organized in a grid layout. The items include:

- SMGDATSTR REQ**: Request for data structure definitions.
- SMGLNK REQ**: Request for linking information.
- SMGKQB SDL**: Software Development Library for keyboard definitions.
- SMGLIB REQ**: Request for system libraries.
- SMGKTH SDL**: Software Development Library for thread definitions.
- SMGTRMSTR R32**: Request for terminal definitions.
- SMGTRMPTR SDL**: Software Development Library for printer definitions.
- SMGSCRMAC REQ**: Request for screen macro definitions.
- SMGTRMCTB REQ**: Request for terminal control table definitions.
- SMGPROLOG REQ**: Request for prolog definitions.
- SMGTERM REQ**: Request for terminal definitions.
- SMGALLESCLIS**: Listing for all terminal definitions.
- SMGTRMCTB REQ**: Request for terminal control table definitions.
- SMGTRMAC REQ**: Request for terminal macro definitions.
- SMGBLDTRMLIS**: Listing for built-in terminal definitions.
- SMGDISCHALIS**: Listing for discharge definitions.
- SMGDEFKEY LIS**: Listing for default key definitions.
- SMGBOOTABLIS**: Listing for boot definitions.