CASE

PURPOSE

Specifies the case (upper/lower/asis) of:
   1. script resulting from the TEXT command to appear on diagrams; and
   2. script appearing in titles, labels, and legends (resulting from TITLE, LABEL, and LEGEND) to appear on subsequent plots.

DESCRIPTION

By default, DATAPLOT converts all command strings to upper case. This means that entering text in upper or lower case is not sufficient to make it appear that way in subsequent plots or diagrams. In order to get case sensitive text, use the ASIS qualifier on the CASE command. In earlier versions (before 93/7), you can use the CASE command to set the default case and then use the UC() and LC() character sequences within a given text command to switch the case.

SYNTAX

CASE <LOWER/UPPER/ASIS>
where LOWER specifies lower case, UPPER specifies upper case, and ASIS specifies the case as entered on the command line.

EXAMPLES

CASE UPPER
CASE LOWER
CASE ASIS
CASE

NOTE 1

The CASE command with no arguments sets the case to default.

NOTE 2

The CASE command sets the default case. Case changes signaled by the LC() and UC() character sequences within text strings are still honored. The UC() and LC() case shifts are supported for text drawn with hardware characters as well as those drawn with software characters.

NOTE 3

The CASE command applies to all text. There are commands that set the case for particular elements of a plot (see the RELATED COMMANDS section).

DEFAULT

All text is upper case.

SYNONYMS

None

RELATED COMMANDS

<table>
<thead>
<tr>
<th>Command</th>
<th>=</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEGEND CASE</td>
<td>=</td>
<td>Sets the case for plot legends.</td>
</tr>
<tr>
<td>LABEL CASE</td>
<td>=</td>
<td>Sets the case for plot labels.</td>
</tr>
<tr>
<td>CHARACTER CASE</td>
<td>=</td>
<td>Sets the case for plot characters.</td>
</tr>
<tr>
<td>TITLE CASE</td>
<td>=</td>
<td>Sets the case for the plot title.</td>
</tr>
<tr>
<td>TEXT</td>
<td>=</td>
<td>Writes a text string.</td>
</tr>
<tr>
<td>PLOT</td>
<td>=</td>
<td>Generates a data or function plot.</td>
</tr>
<tr>
<td>FONT</td>
<td>=</td>
<td>Sets the font for TEXT characters.</td>
</tr>
<tr>
<td>HEIGHT</td>
<td>=</td>
<td>Sets the height for TEXT characters.</td>
</tr>
<tr>
<td>WIDTH</td>
<td>=</td>
<td>Sets the width for TEXT characters.</td>
</tr>
<tr>
<td>HW</td>
<td>=</td>
<td>Sets the height and width for TEXT characters.</td>
</tr>
<tr>
<td>VERTICAL SPACING</td>
<td>=</td>
<td>Sets the vertical spacing between text lines.</td>
</tr>
<tr>
<td>HORIZONTAL SPACING</td>
<td>=</td>
<td>Sets horizontal spacing between text characters.</td>
</tr>
<tr>
<td>THICKNESS</td>
<td>=</td>
<td>Sets the thickness of TEXT characters.</td>
</tr>
<tr>
<td>COLOR</td>
<td>=</td>
<td>Sets the color for TEXT characters.</td>
</tr>
<tr>
<td>JUSTIFICATION</td>
<td>=</td>
<td>Sets the justification for TEXT.</td>
</tr>
<tr>
<td>()</td>
<td>=</td>
<td>Allows math/Greek symbols in text.</td>
</tr>
</tbody>
</table>
ERASE = Erases the screen (immediately).

APPLICATIONS
Presentation graphics

IMPLEMENTATION DATE
Pre-1987 (ASIS option added 93/10)

PROGRAM
VERTICAL SPACING 6
CRLF ON
MARGIN 10
FONT DUPLEX
CASE UPPER
HW 4 2
MOVE 5 95
TEXT Japan’s 6-point program FOR
MOVE 5 89
TEXT QUALITY MANUFACTURING
MOVE 10 80
HW 2.6 1.3
CASE ASIS
TEXT CIRC() Quality Audits
TEXT CIRC() Company-Wide Quality Control (CWQC)
TEXT CIRC() Quality Training and Education
TEXT CIRC() Application of Statistical Methods
TEXT CIRC() Quality Circle Activities
TEXT CIRC() Nation-Wide Quality Control Promotional Activities
CASE LOWER
HW 2 1

JAPAN’S 6-POINT PROGRAM FOR QUALITY MANUFACTURING

- Quality Audits
- Company-Wide Quality Control (CWQC)
- Quality Training and Education
- Application of Statistical Methods
- Quality Circle Activities
- Nation-Wide Quality Control Promotional Activities

source: q.c. trends winter 1985, pages 22-23.