MASSACHUSETTS INSTITUTE OF TECHNOLOGY

PROJECT MAC

Artificial Intelligence Project
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SCPLOT BIN

Donald Sordillo

This program will take a list of display instructions and cause it to be plotted. For further or more detailed information consult with Michael Speciner.

SCPLOT BIN (English SCOPE PLOT, CHARPL SCOPE) enables the user to output on the plotter information in scope format. The vector continue mode has not been implemented and will cause the program to act randomly if used. This routine uses CPLSCP BIN which must be loaded. The symbols CRKCAN, P and C are global and user defined. Other globals are:

PLOTC" Routine which does the plotting.

W Accumulator for argument; cannot be register Ø.

IPL Entry for initialising plotter. This is equivalent to CONO DIS, 100 for initialising the scope.

PLTLIS Entry for plotting from a display list. An initial byte pointer for the list must be placed in W. E.g.

```
MOVE W, [(2200) DISLST-1]
PUSHJ P, PLTLIS.
```

NEXTPL Entry for starting a new plot. This routine spaces to a blank piece of paper and reinitialises the plotter. Any previous plots will be finished first.

The contents of both C and W get destroyed when used.

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