Chandra X-ray Center

AHELP for CIAO 3.4   **delete**   Context: chips

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Synopsis

Deletes plotting objects (drawing area, curves, lines and labels) from a plot.

Syntax

```
chips> [D #] [C #] [LN #] [L #] DELETE
chips> DELETE [DRAWAREA] [#]

The first command deletes various plotting objects within a drawing
area. To remove the entire drawing area and its contents, use the
second command.
```

Description

```
Argument: D #
Description: drawing area number designation
Options: integer number
```
See the D command for more information about this argument.

```
Argument: C #
Description: curve number designation
Options: integer number
```
See the C command for more information about this argument.

```
Argument: LN #
Description: line number designation
Options: integer number
```
```
Argument: L #
Description: label number designation
Options: integer number
```
Note that if a non−existent plotting object is specified, ChIPS will act on the current plotting object.

The PACK command controls how plotting objects are renumbered after deletions are made.

Example 1

```
chips> SPLIT 2
chips> SPLIT GAP 0.05
```

```
chips> D 1 CURVE data/exampleA.dat
chips> D 1 CURVE data/exampleB.dat
chips> D 1 LABEL 2.0 60.0 "Drawing Area 1"
chips> D 1 LABEL 2.0 20.0 "Curve 1"
chips> D 1 LABEL 5.5 10.0 "Curve 2"
chips> D 2 CURVE data/exampleB.dat
chips> D 2 LABEL 2.0 3.4 "Drawing Area 2"
chips> D 1 C 2 DELETE
Your new Current Curve number is: 1
chips> D 1 L 3 DELETE
Your new Current Label number is: 2
chips> D 2 DELETE
Your new Current Draw Area number is: 1
```

The drawing area is first divided into two parts. Three curves are plotted – two in drawing area 1 and one in drawing area 2 – and labeled. The command D 1 C 2 DELETE deletes the second curve that was plotted in drawing area number 1; the next DELETE command deletes the label for that curve. The final command removes drawing area number 2 enitrely.

Example 2

```
chips> CLEAR
chips> CURVE data/exampleA.dat
chips> LABEL 4.0 5.0 "Label 1"
chips> LABEL 2.0 40.0 "Label 2"
chips> LABEL 4.0 60.0 "Label 3"
chips> LABEL 3.0 20.0 "Label 4"
chips> L 2,4 DELETE
Your new Current Label number is: 2
chips> L 2:4 DELETE
Your new Current Label number is: 1
```

A single curve is plotted and four labels are created. The command L 2,4 DELETE deletes label numbers 2 and 4. By default, renumbering of plotting objects is turned on, so the remaining labels are renumbered as 1 and 2. Issuing L 2:4 DELETE deletes any labels numbered 2 through 4, i.e. "Label 3" is deleted.

Example 3

```
chips> CURVE data/exampleA.dat
chips> LABEL 4.0 5.0 "Label 1"
chips> LABEL 2.0 40.0 "Label 2"
chips> L 2 DEL
Your new Current Label number is: 1
chips> L 2 SIZE 4.0
```

A curve is plotted and two labels are created. The L 2 DEL command removes label number 2 (i.e. "Label 2"). Since there is no longer a label number 2 upon which to act, the L 2 SIZE 4.0 command is slightly misleading; this command will act on label number 1, as explained in the DESCRIPTION.

Bugs

See the bugs page for ChIPS on the CIAO website for an up–to–date listing of known bugs.

See Also

chips

batch, browse, clear, exit, info, list, pickpoints, redo, redraw, type, undo, verbose

Example 2   3

Example 2