Part IV

DEVELOPMENT and MAINTENANCE

Chapter 16

The Data

16.1 The menu maj

Updating the data is rather easy through the command `maj` which presents a pull-down menu. After you entered `maj` the program requests the kind of data you are updating. The first menu concerns the references. You can add a new reference at the end of the reference file or edit it; you are then in ”vi”.

The second menu offers four possibilities:

1. add new data in the file which is then automatically sorted;
2. add a supplementary file called ”f.sup”;
3. create a new file of the data type;
4. edit the data file.

The third menu handles the files in the bda/contenu directory. The first item automatically updates these files after modification for the NGC and IC clusters only. The anon clusters have to be updated manually by using the third item ”editer”. You can also create a new file.

The fourth menu handles the statistics. The first item produces counts of the number of lines and of the different stars for the file corresponding to the data type. The second item gives the total number of clusters, measurements and stars in BDA for this kind of data. The third one allows the user to edit and update the BDA summary file.

The last menu offers some facilities to handle the file corresponding to the data type. In particular the item ”zeroter” (a neologism) adds ”0” before the star number in the first column. You can also compress a file, sort it, display the first 15 lines or edit it.

The figures 2, 8 move the reverse video band and 4, 6 change the menu displayed. 1 changes the cluster, and 7 changes the data type. 0 executs the task.

Chapter 17

The Coordinates

17.1 The menu trc

Chapter 18

Rectangular Positions

18.1 The menu xy

Chapter 19

The Cross-References

19.1 The menu ttr