

NAG Library Function Document

nag_mv_dend_free (g03xzc)

1 Purpose

nag_mv_dend_free (g03xzc) frees Nag allocated memory for the dendrogram array in nag_mv_dendrogram (g03ehc).

2 Specification

```
#include <nag.h>
#include <nagg03.h>
void nag_mv_dend_free (char ***c)
```

3 Description

Memory is allocated internally by nag_mv_dendrogram (g03ehc) to an array of character pointers, containing consecutive lines of the dendrogram.

nag_mv_dend_free (g03xzc) can be used to free this memory and set the value of the individual pointers in the array of character pointers to **NULL**.

Please note that the standard C function `free()` must **not** be used to free this memory.

4 References

None.

5 Arguments

- 1: **c** – char *** *Input/Output*
- On entry:* a pointer to an array of character pointers to which memory has been allocated internally by nag_mv_dendrogram (g03ehc).
- On exit:* the memory allocated to each of the pointers in the pointer array is freed and the pointers are set to **NULL**.

6 Error Indicators and Warnings

None.

7 Accuracy

Not applicable.

8 Parallelism and Performance

nag_mv_dend_free (g03xzc) is not threaded in any implementation.

9 Further Comments

None.

10 Example

See Section 10 in nag_mv_dendrogram (g03ehc).
