

# 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).

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