NAG Library Function Document

nag_blgm_handle_free (g22zac)

Note: please be advised that this function is classed as 'experimental' and its interface may be developed further in the future. Please see Section 3.1.1 in How to Use the NAG Library and its Documentation for further information.

1 Purpose

nag_blgm_handle_free (g22zac) destroys a G22 handle and deallocates all the memory used.

2 Specification

```
#include <nag.h>
#include <nagg22.h>
void nag_blgm_handle_free (void **handle, NagError *fail)
```

3 Description

Each G22 handle should be deallocated to avoid memory leaks. Therefore, **nag_blgm_handle_free (g22zac)** should be called on all such handles which are no longer needed. Please note that passing an uninitialized handle might cause unpredictable behaviour, including a crash of your program.

4 References

None.

5 Arguments

1: **handle** – void ** *Input/Output*

On entry: the G22 handle to be destroyed.

On exit: the handle is destroyed and set to **NULL**.

2: **fail** – NagError * *Input/Output*

The NAG error argument (see Section 3.7 in How to Use the NAG Library and its Documentation).

6 Error Indicators and Warnings

NE_ALLOC_FAIL

Dynamic memory allocation failed.
See Section 2.3.1.2 in How to Use the NAG Library and its Documentation for further information.

NE_BAD_PARAM

On entry, argument ⟨*value*⟩ had an illegal value.

NE_HANDLE

handle has been corrupted.

handle has not been initialized.

handle is a handle to an unknown data structure.

NE_INTERNAL_ERROR

An internal error has occurred in this function. Check the function call and any array sizes. If the call is correct then please contact NAG for assistance.
See Section 2.7.6 in How to Use the NAG Library and its Documentation for further information.

NE_NO_LICENCE

Your licence key may have expired or may not have been installed correctly.
See Section 2.7.5 in How to Use the NAG Library and its Documentation for further information.

7 Accuracy

Not applicable.

8 Parallelism and Performance

nag_blgm_handle_free (g22zac) is not threaded in any implementation.

9 Further Comments

None.

10 Example

See the example for **nag_blgm_lm_formula (g22yac)**.