NAG Library Function Document
nag_omp_get_nested (x06ahc)

1 Purpose
nag_omp_get_nested (x06ahc) returns 1 if nested OpenMP parallelism has been enabled, and 0 otherwise.

2 Specification
#include <nag.h>
#include <nagx06.h>
Integer nag_omp_get_nested ()

3 Description
nag_omp_get_nested (x06ahc), for multi-threaded implementations, tests whether the nesting of OpenMP parallel regions has been enabled as if with a call to nag_omp_set_nested (x06agc). The return value will be 1 if nesting is enabled or 0 if it is disabled.
In serial implementations of the NAG C Library nag_omp_get_nested (x06ahc) will always return 0. See the the x06 Chapter Introduction for a discussion of the behaviour of these functions when called in serial.

4 References
OpenMP Specifications http://openmp.org/wp/OpenMP-Specifications

5 Arguments
None.

6 Error Indicators and Warnings
None.

7 Accuracy
Not applicable.

8 Parallelism and Performance
Not applicable.

9 Further Comments
None.
10 Example

See Section 10 in nag_omp_set_nested (x06age) for a demonstration of how to use nag_omp_get_nested (x06ahc).