# NAG Library Function Document

# nag_implementation_details (a00aac)

## 1 Purpose

nag_implementation_details (a00aac) prints information about the version of the NAG C Library in use.

## 2 Specification

```
#include <nag.h>
#include <naga00.h>
```
```
void nag_implementation_details ()
```

## 3 Description

The NAG C Library is available for use on a number of different computer systems. For each distinct system an implementation of the library is prepared. This includes tested compiled libraries and any necessary system-specific support material. nag_implementation_details (a00aac) may be called to print the implementation details and Mark (i.e., maintenance level) of the NAG C Library implementation that is being used.

## 4 References

None.

## 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

This example makes a call of nag_implementation_details (a00aac) sending output to the current advisory message unit.

## 10.1  Program Text

```
/* nag_implementation_details (a00aac) Example Program.
 *
 * Copyright 2005 Numerical Algorithms Group.
 *
 * Mark 8, 2005.
 */

#include <nag.h>
#include <stdio.h>
#include <string.h>
#include <nag_stdlib.h>
#include <naga00.h>

int main(void)
{
  Integer exit_status = 0;

  printf("nag_implementation_details (a00aac) Example Program Results\n\n");

  nag_implementation_details();

  return exit_status;
}
```

## 10.2  Program Data

None.

## 10.3  Program Results

```
nag_implementation_details (a00aac) Example Program Results

*** Start of NAG C Library implementation details ***

Implementation title: NAG C Library
            Precision: double precision
         Product Code: CL???09??
                 Mark: 9.0 (self-contained)

*** End of NAG C Library implementation details ***
```