Nearest Neighbours: nagdmc_save_kdtree

Purpose

nagdmc_save_kdtree saves a k-d tree computed by **nagdmc_kdtree** and the k-d tree's associated data to a binary file.

Declaration

```
#include <nagdmc.h>
```

```
void nagdmc_save_kdtree(long iproot, const char fname[], int *info);
```

Parameters

1:   **iproot** – `long`   *Input*

   On entry: the integer value of the root of a k-d tree as returned by **nagdmc_kdtree**.

2:   **fname[]** – `char`   *Input*

   On entry: the name of the file into which to write the k-d tree.

3:   **info** – `int *`   *Output*

   On exit: **info** gives information on the success of the function call:

      0: the function successfully completed its task.

    71: the routine was unable to write to **file**.

   100: an internal error occurred during the execution of the function.

Notation

None.

Description

None.

References and Further Reading

None.

See Also

knnc_ex.c or knnp_ex.c   example calling programs.