

## Decision Tree: nagdmc\_save\_entropy\_tree

### Purpose

**nagdmc\_save\_entropy\_tree** saves a decision tree computed by **nagdmc\_entropy\_tree** to a binary file.

### Declaration

```
#include <nagdmc.h>
void nagdmc_save_entropy_tree(long iproot, const char fname[], int *info);
```

### Parameters

- 1: **iproot** – long *Input*  
*On entry:* the integer value of the root node of a decision tree as returned by **nagdmc\_entropy\_tree**.
- 2: **fname**[] – char *Input*  
*On entry:* the file name into which the decision tree will be written.
- 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 function was unable to open the file named **fname** for writing.
  - 100: an internal error occurred during the execution of the function.

### Notation

None.

### Description

None.

### References and Further Reading

None.

### See Also

[entropy\\_tree\\_ex.c](#) the example calling program.

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