

```
1 -----
2 --
3 --          GNAT RAVENSCAR for NXT          --
4 --          Copyright (C) 2011, AdaCore    --
5 --                                          --
6 -----
7
8 -- A null implementation declared for sake of linking when generated code
9 -- references "__gnat_malloc". The generated code in those cases is not
10 -- expected to actually reach a call to this function. The implementation of
11 -- build-in-place functions is an example.
12
13 with Interfaces.C;
14
15 package NXT.Malloc is
16   pragma Pure;
17
18   type Void_Pointer is access Character;
19   for Void_Pointer'Storage_Size use 0;
20
21   function Gnat_Malloc (Size : Interfaces.C.Size_T) return Void_Pointer;
22   pragma Export (C, Gnat_Malloc, "__gnat_malloc");
23   -- Does nothing other than raise Program_Error.
24
25 end NXT.Malloc;
26
```