

```
1 -----
2 --
3 --          GNAT RAVENSCAR for NXT          --
4 --          Copyright (C) 2011, AdaCore      --
5 --
6 -----
7
8 --  NXT motors without speed regulation or acceleration smoothing but that
9 --  do have basic motor encoder interfaces.
10
11 package NXT.Motors.Simple is
12
13   type Simple_Motor (<>) is new Abstract_Motor with private;
14   --  NXT motors without speed regulation or acceleration smoothing. Note
15   --  that this is NOT an RCX motor, as the power is set up differently for
16   --  the RCX. By making the type indefinite, we force an initialization when
17   --  objects are declared, thereby ensuring a call to a constructor function.
18
19   procedure Reset_Encoder_Count (This : in out Simple_Motor);
20
21   function Current_Encoder_Count (This : Simple_Motor) return Integer;
22
23 private
24
25   type Simple_Motor is new Abstract_Motor with null record;
26
27 end NXT.Motors.Simple;
28
```