

```
1 -----
2 --
3 --          GNAT RAVENSCAR for NXT          --
4 --          Copyright (C) 2010-2011, AdaCore --
5 --
6 -----
7
8 -- Low-level driver for the "2-wire Serial Interface" (TWI)
9
10 with System; use System;
11
12 package NXT.TWI is
13
14     subtype Device_Id is Natural range 0 .. 127;
15     -- I2C device ID.
16
17     subtype Address_Length is Natural range 0 .. 3;
18     -- I2C address length.
19
20     procedure Send
21         (Dev      : Device_Id;
22          Adrlen   : Address_Length;
23          Msg      : Address;
24          Msg_Len  : Natural);
25
26     procedure Recv
27         (Dev      : Device_Id;
28          Adrlen   : Address_Length;
29          Msg      : Address;
30          Msg_Len  : Natural);
31
32 end NXT.TWI;
33
```