

## Terms and typographical conventions

Throughout the documentation a few terms are commonly used:

- *The system*: Term used in this project to describe the complete, functional combination of an FPGA connected to a PC through a high-speed interface, and a device-driver allowing the PC to communicate with the FPGA.
- *The board*: The Spartan3 PCI Express Starter kit board.
- *The host system*: The PC in which the Spartan3 PCI Express Starter kit is installed.
- *The hardware / BAR interface*: The interface in the FPGA between the PCI Express core and the user-defined hardware modules.
- *The software interface*: The device driver used on the host system.

The following typographical conventions are used:

- *Footnotes*: Footnotes are used for explaining terms, and for linking to sources. Each is marked with a small superscript number<sup>1</sup>, referring to a footnote on the current page.
- *Code*: Code is written using the mono-spaced Courier New font:

```
while(menu.size() < 42) { menu.push_back("spam"); }
```

- *Italics*: Italics are used for the following cases:
  - o Keywords / headlines in listings (for an example see this list).
  - o In text: Words and terms that correspond directly to an object or a function in code, or to a file or application:

Use the *printf()* function in the *test.cpp* file.

- o In code: Placeholder words and terms that should be exchanged once the correct syntax has been determined:

```
#define CODE_NAME _IO(type, number)
```

---

<sup>1</sup> A footnote example.