

Agility Compiler manual

For Agility 1.2

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Conventions

The following conventions are used in this document.



Warning Message. These messages warn you that actions may damage your hardware.



Note. These messages draw your attention to crucial pieces of information.

Hexadecimal numbers will appear throughout this document. The convention used is that of prefixing the number with '0x' in common with standard C syntax.

Sections of code or commands that you must type are given in typewriter font like this:

```
void main();
```

Information about a type of object you must specify is given in italics like this:

```
copy SourceFileName DestinationFileName
```

Optional elements are enclosed in square brackets like this:

```
struct [type_Name]
```

Curly brackets around an element show that it is optional but it may be repeated any number of times.

```
string ::= "{character}"
```

Synthesizable types are represented by *T*.

Graphics conventions

The following icons are used in the diagrams in this documentation.



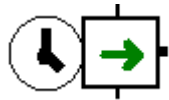
A SystemC module



A SystemC process



SystemC port. The arrow indicates the data direction.



SystemC clock port



Connection to/from a port

Assumptions & Omissions

This manual assumes that you:

- have used SystemC or have the SystemC Language Reference Manual
- are familiar with common programming terms (e.g. functions)
- are familiar with your operating system (MS Windows or Linux)

This manual does not include:

- instruction in VHDL or Verilog
- instruction in the use of place and route tools