

# Part XII. Language Extensions

The following libraries extend the programming language C++.

- Boost.Coroutine makes it possible to use coroutines in C++ – something other programming languages usually support with the keyword `yield`.
- Boost.Foreach provides a range-based `for` loop, which was added to the language with C++11.
- Boost.Parameter lets you pass parameters as name/value pairs and in any order – as is allowed in Python, for example.
- Boost.Conversion provides two cast operators that replace `dynamic_cast` and allow you to differentiate between a downcast and a cross cast.

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