

Boost.Format

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Library in a Week

Boost.Format Overview

- Similar to `printf()`
- Built atop `IOStreams`
- Extensible
- Type safe

Boost.Format Details

- `boost::format("%s")` creates a *format object*
- Arguments fed via operator `%()`
- Each `%` call creates a string

Boost.Format Details (cont.)

- Can insert on a stream
- Can extract string via `str()`
- Can reuse format object

Boost.Format Problems

- Multiple strings (and more) per argument
- Manages vectors
- Supports IOStreams manipulators via `odd_group()` function
- Each argument appended to output stream via insertions