

String Handling

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libraries

We will look at functionality of the following libraries :

- boost
- poco



Build boost (on linux)

- Latest version at this time : 1.54
 - Download “boost_1_54_0.tar.gz”
 - Extract it somewhere in a temporary directory
 - In that directory issue the following commands :

```
./bootstrap.sh --prefix=/home/killerbot/boost  
./b2 -j12 cxxflags=-std=c++11 install
```

 - headers/libraries installed in boost subdir of my home directory
 - adjust -j12 to your multicores ;-)
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Build poco (on linux)

- Latest (official) version at this time : 1.4.6p2
 - Download “poco-1.4.6p2.tar.gz” (basic edition)
 - Extract it somewhere in a temporary directory
 - Adjust line in the file 'build/config/Linux' :
CXXFLAGS = -Wall -Wno-sign-compare -std=c++11
 - In that temporary directory issue the following commands :
./configure --prefix=/home/killerbot/poco --no-samples --no-tests --static
make -s DEFAULT_TARGET=static_release -j12
make -s DEFAULT_TARGET=static_release install
→ headers/libraries installed in poco subdir of my home directory
→ adjust -j12 to your multicores ;-)
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Environment (part 2)

- In my case the code was in the following locations :
/home/killerbot/Projects/Boost/StringHandling

/home/killerbot/Projects/Poco/StringHandling/
 - As such the relative paths in the cbp files :
../../../../poco/include
../../../../poco/lib
../../../../boost/include
../../../../boost/lib
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Boost menu

- ToUpper/ToLower/...
 - Erase
 - Find
 - Replace
 - Trim
 - Split
 - Join
 - [Starts/Ends] with / Contains
 - Lexical_cast
 - Format
 - Tokenizer
 - Regular expressions
-
-

Poco menu

- ToUpper/ToLower/...
 - Erase
 - Trim
 - Join
 - Number extraction
 - Number formatting
 - Tokenizer
 - Regular expressions
-
-

properties

- **In place** and **copy** variants of methods
- Case insensitive variants
- Boost : header only (except for regex)
- Poco : all require a build poco library\
- Field / community proven



contact

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