Library in a Week: Algorithms in C++11

Day 5

Agenda

C++11 for Algo Writers

Steve A. – Random Functions
Final Reports
    ASL
    C++11
    Algo Extensions
Others?

Reflections on this year

Next year

C++11 & Algorithms
'Cheatsheet' for new algorithms

http://www.cpprocks.com/cpp11-stl-additions/

How does the new language help?

Reflections on this year

Community

6th year of LIAW - one of my best ideas

Your thoughts?

For Next Year:
- More advance notice on topic
- Better process briefing

2013 LIAW -- Brainstorm

Perl Cookbook in C++ - 22

Algorithms again – maybe a focus like concurrent? 8/12

Building Valuetype Libraries - 17

      Numeric types – safe int, big int

Hoisting Boost libraries to C++11 - 8

Redesign with a boost author - 18

Something we'd like to see in C++17?

Bug Sprints (for libraries with the author) -15

Review in a week - 8

Mime library – parser (Marshall's lib) redesign - 4

C++ Cookbook

Contribute to project that converts 'Perl Cookbook' to C++/Boost

Write small solutions, document and post

Some Sources:

http://my.safaribooksonline.com/0596003137?portal=oreilly
http://pleac.sourceforge.net/pleac_c++/index.html
http://pleac.sourceforge.net/pleac_c++.html
http://en.highscore.de/cpp/boost/