

C++ for ROS

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1 Links

1.1 C++

- [cplusplus.com](http://www.cplusplus.com/)
- C++ FAQ
<http://www.parashift.com/c++-faq/>
- Design Patterns
http://en.wikipedia.org/wiki/Design_Patterns

1.2 C++ and ROS

- roscpp Overview
<http://www.ros.org/wiki/roscpp/Overview>
- ROS C++ Style Guide
<http://www.ros.org/wiki/CppStyleGuide>
- ROS Logging Verbosity Levels
<http://www.ros.org/wiki/Verbosity%20Levels>
- ROS Technical Overview
<http://www.ros.org/wiki/ROS/Technical%20Overview>

1.3 Images

- OpenCV 2 Core Functionality
<http://docs.opencv.org/modules/core/doc/core.html>
- cv_bridge Tutorials
http://www.ros.org/wiki/cv_bridge/Tutorials
- image_transport Tutorials
http://www.ros.org/wiki/image_transport/Tutorials
- image_view ROS Package
http://www.ros.org/wiki/image_view

1.4 Boost

- Boost Libraries
<http://www.boost.org/doc/libs/>
- Using Make Shared
http://www.boost.org/doc/libs/1_54_0/libs/smart_ptr/make_shared.html#example
- Using Foreach
<http://www.boost.org/doc/html/foreach.html#foreach.introduction.examples>
- Using Lexical Cast
http://www.boost.org/doc/html/boost_lexical_cast/examples.html