"...one of the most highly regarded and expertly designed C++ library projects in the world."
— Herb Sutter and Andrei Alexandrescu, C++ Coding Standards

Chapter 12. Boost.DLL

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Motivation

Adding a specific features to an existing software applications at runtime could be useful in many cases. Such extensions, or plugins, are usually implemented using Dynamic Library Modules (DLL,SO/DSO) loaded at runtime.

This library was designed to simplify plugin development using C++ in a portable cross-platform manner.

Library provides a portable across platforms way to:

- load libraries
- import any native functions and variables
- make alias names for C++ mangled functions and symbols
- query libraries for sections and exported symbols
- self loading and self querying
- getting program and module location by exported symbol

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