

Package ‘RCppAD’

September 11, 2026

Type Package

Title 'CppAD' C++ Header Files for Automatic Differentiation

Version 1.20260000.0-1

Maintainer Patrick Brown <patrick.borgnine@gmail.com>

Description Provides the 'CppAD' C++ header library for automatic differentiation, for use by R packages via LinkingTo. Headers are vendored with CRAN-safe defaults and R-safe error handling that does not call `std::cerr` or `std::exit`. The two final components of the version number are the 'CppAD' release number.

License GPL (>= 2)

URL <https://github.com/eborgnine/adlaplace/>

Depends R (>= 3.5.0)

NeedsCompilation no

Encoding UTF-8

Date 2026-09-10

Config/roxygen2/version 8.0.0

RoxygenNote 7.3.3

Author Patrick Brown [aut, cre, cph],
Bradley M. Bell [aut, cph] (CppAD author),
COIN-OR Foundation [cph] (CppAD)

Repository CRAN

Date/Publication 2026-09-11 07:00:22 UTC

Contents

RCppAD-package	2
Index	3

RCppAD-package*CppAD C++ Header Files for Automatic Differentiation*

Description

Provides the CppAD C++ header library for automatic differentiation, for use by R packages via LinkingTo: RCppAD.

Details

After depending on this package, include CppAD from C++ with `#include <cppad/cppad.hpp>`. Headers are vendored with optional backends (ColPack, Eigen ADOLC, IPOPT) disabled. The error handler uses `REprintf / Rf_error` instead of `std::cerr / std::exit`.

Author(s)

Patrick Brown <patrick.borgnine@gmail.com> (package packaging); Bradley M. Bell (CppAD)

Index

* **package**

RCppAD-package, [2](#)

RCppAD (RCppAD-package), [2](#)

RCppAD-package, [2](#)