

Package ‘RCppAD’

August 7, 2026

Type Package

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

Version 1.20260000.0

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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.

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

Depends R (>= 3.5.0)

NeedsCompilation no

Encoding UTF-8

Config/roxygen2/version 8.0.0

RoxygenNote 7.3.3

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Repository CRAN

Date/Publication 2026-08-07 16:10:22 UTC

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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`.

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