

Package: ompdetect (via r-universe)

May 9, 2026

Title Example Configure Test for 'OpenMP'

Version 0.2-0

Description Best practices for cross-platform 'OpenMP' support in an R package. On most platforms, use the R-provided Make macros. On macOS, test the pre-set environment variables, the CRAN builder configuration, the R-provided Make macros (which may be set when using a custom toolchain that supports OpenMP), and the custom OpenMP installation path (when mixing a CRAN build of R with an incompatible Xcode version).

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Repository <https://eddelbuettel.r-universe.dev>

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ompdetect	<i>Did we detect OpenMP on this system?</i>
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Description

Print and return whether OpenMP support was detected during configuration of this package. Additionally, show the various limits on the number of OpenMP threads.

Usage

```
ompdetect()  
omplimits()
```

Details

All the work is done during the package configuration.

Value

Invisible TRUE if OpenMP was detected during configuration, FALSE otherwise. Also emits a [message](#) with the result of the check.

References

“Writing R Extensions”, section 1.2.1.1, OpenMP support: <https://cran.r-project.org/doc/manuals/R-exts.html#OpenMP-support>.

Examples

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ompdetect()  
omplimits()
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