

# Package: using (via r-universe)

August 30, 2024

**Type** Package

**Title** Add version constraints to library() calls

**Version** 0.4.0

**Description** Add version constraints and remote git repositories to library() calls. In interactive mode the user is prompted to install.

**License** MIT + file LICENSE

**URL** <https://github.com/anthonymorth/using>

**BugReports** <https://github.com/anthonymorth/using/issues>

**Encoding** UTF-8

**LazyData** true

**Roxygen** list(markdown = TRUE)

**RoxygenNote** 7.1.0

**Depends** R (>= 3.3.0)

**Imports** utils, uuid, remotes, knitr, stats, withr

**Suggests** testthat (>= 2.1.0)

**Repository** <https://anthonymorth.r-universe.dev>

**RemoteUrl** <https://github.com/anthonymorth/using>

**RemoteRef** HEAD

**RemoteSha** c33a88c5c42c64fd84423a65af7b5a3ae8d5e64a

## Contents

detect_dependencies . . . . .	2
pkg . . . . .	3
using . . . . .	4

<b>Index</b>	<b>5</b>
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detect\_dependencies    *detect\_dependencies*

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## Description

detect usage of using::pkg in a source file

## Usage

```
detect_dependencies(file_path)
```

## Arguments

file\_path        a length 1 character vector file path to an .R or .Rmd file

## Details

Intended for use when building lock files (e.g. for renv) from source files.

returns a data.frame of all information in using::pkg calls with columns: package, min\_version, repo. The value of a row may be NA if the argument was not supplied.

Each result row is guaranteed to be unique, however the result data frame may contain near duplicates, e.g. using::pkg(janitor, min\_version = "2.0.1") and using::pkg(janitor, min\_version = "1.0.0") would each create a row in the result data frame if they appeared in the same file, due to differing min\_version.

Each using::pkg call is parsed based on its literal expression and no variable substitution is done. So using(janitor, min\_version = janitor\_ver) would place "janitor\_ver" in the min\_row column of the result for this dependency.

## Value

a data.frame summarising found using::pkg calls in the supplied file.

## Author(s)

Miles McBain

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pkg	<i>using::pkg</i>
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## Description

Optionally add version constraints to library calls

## Usage

```
pkg(package, min_version = NULL, repo = NULL, ...)
```

## Arguments

package	{character   name} package name
min_version	{package_version   character} min package version
repo	{character} repo url
...	additional arguments to pass to <a href="#">base::library()</a>

## Details

This function is intended to always be called with the `using::` prefix. A call without this prefix will throw a warning. This simplifies detecting dependencies declared by `using::pkg` for use with `{renv}` and `{capsule}`

## Value

{character | logical} attached packages, or boolean if `logical.return` is TRUE

## Examples

```
## Not run:  
using::pkg(capsule)  
using::pkg(dplyr, min_version = "0.8.0")  
using::pkg(h3jsr, min_version = "1.0.0", repo = "https://github.com/obrl-soil/h3jsr")  
  
## End(Not run)
```

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`using``using`

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**Description**

Optionally add version constraints to library calls

**Usage**

```
using(...)
```

**Arguments**

```
... arguments to pass to using::pkg()
```

**Details**

This function is deprecated. See `using::pkg()`.

**Value**

{character | logical} attached packages, or boolean if `logical.return` is TRUE

**Examples**

```
## Not run:  
using::pkg(capsule)  
using::pkg(dplyr, min_version = "0.8.0")  
using::pkg(h3jsr, min_version = "1.0.0", repo = "https://github.com/obrl-soil/h3jsr")  
  
## End(Not run)
```

# Index

`base::library()`, [3](#)

`detect_dependencies`, [2](#)

`pkg`, [3](#)

`using`, [4](#)

`using::pkg()`, [4](#)