

# Package ‘DateTimeRangePicker’

May 7, 2026

**Title** A Datetime Range Picker Widget for Usage in 'Shiny' Applications

**Version** 1.1.0

**Description** Provides a datetime range picker widget for usage in 'Shiny'.  
It creates a calendar allowing to select a start date and an end date  
as well as two fields allowing to select a start time and an end time.

**License** GPL-3

**URL** <https://github.com/stla/DateTimeRangePicker>

**BugReports** <https://github.com/stla/DateTimeRangePicker/issues>

**Imports** htmltools, lubridate, reactR, shiny

**Encoding** UTF-8

**RoxygenNote** 7.2.3

**NeedsCompilation** no

**Author** Stéphane Laurent [aut, cre],  
Wojciech Maj [cph] (author of the 'React-DateTimeRange-Picker' library)

**Maintainer** Stéphane Laurent <laurent\_step@outlook.fr>

**Repository** CRAN

**Date/Publication** 2023-09-03 06:10:09 UTC

## Contents

DateTimeRangePickerInput . . . . .	2
updateDateTimeRangePickerInput . . . . .	3
<b>Index</b>	<b>4</b>

---

DateTimeRangePickerInput

*Datetime range picker*

---

## Description

A datetime range picker widget for a Shiny UI.

## Usage

```
DateTimeRangePickerInput(inputId, from = NULL, to = NULL, style = NULL)
```

## Arguments

<code>inputId</code>	the input slot that will be used to access the values
<code>from, to</code>	initial values, either POSIXct objects, or objects coercible to POSIXct objects; if NULL, then <code>from</code> is set to the current time and <code>to</code> is set to the next day at the same time
<code>style</code>	inline CSS for the container

## Value

An input element that can be included in a Shiny UI definition. This is a `shiny.tag.list` object.

## Examples

```
library(DateTimeRangePicker)
library(shiny)

ui <- fluidPage(
  br(),
  sidebarLayout(
    sidebarPanel(
      width = 5,
      tags$fieldset(
        tags$legend("Click to change time"),
        DateTimeRangePickerInput(
          "dtrpicker",
          style = paste0(
            "background-color: chartreuse; ",
            "box-shadow: 0 30px 40px 0 rgba(16, 36, 94, 0.2);"
          )
        )
      )
    ),
    mainPanel(
      width = 7,
      verbatimTextOutput("dtrpicker")
    )
  )
)
```

```
    )
  )
)

server <- function(input, output){
  output[["dtrpicker"]] <- renderPrint({
    input[["dtrpicker"]]
  })
}

if(interactive()){
  shinyApp(ui, server)
}
```

---

`updateDateTimeRangePickerInput`

*Update a datetime range picker input*

---

### **Description**

Change the values of a datetime range picker input.

### **Usage**

```
updateDateTimeRangePickerInput(session, inputId, from, to)
```

### **Arguments**

<code>session</code>	the Shiny session object
<code>inputId</code>	the id of the datetime range picker widget to be updated
<code>from, to</code>	new values for the datetime range picker widget

### **Value**

No returned value, called for side effect.

# Index

`DateTimeRangePickerInput`, [2](#)

`updateDateTimeRangePickerInput`, [3](#)