



QLAB

Elaboración de Dashboards con Shiny

Segunda Sesión

QLAB - PUCP

18 de noviembre, 2021

Recordando

Layouts en Shiny

Panels

Panels

¿Cómo publicar tu app?

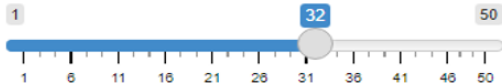
```
library(shiny)

ui <- fluidPage(
  sliderInput("x", label = "If x is", min = 1, max = 50, value = 30),
  "then x times 5 is",
  textOutput("product")
)

server <- function(input, output, session) {
  output$product <- renderText({
    input$x * 5
  })
}

shinyApp(ui, server)
```

If x is



then x times 5 is
160

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fluidRow()

`fluidRow()` adds rows to the grid. Each new row goes below the previous rows.

```
ui <- fluidPage(
  fluidRow(),
  fluidRow()
)
```

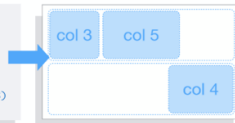


column()

`column()` adds columns within a row. Each new column goes to the left of the previous column.

Specify the **width** and **offset** of each column out of 12

```
ui <- fluidPage(
  fluidRow(
    column(3),
    column(5)),
  fluidRow(
    column(4, offset = 8)
  )
)
```



Fuente:

<https://github.com/rstudio-education/shiny.rstudio.com-tutorial/blob/master/how-to-start-shiny-part-3.pdf>

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Panels to group multiple elements into a single unit with its own properties.



Fuente:

<https://github.com/rstudio-education/shiny.rstudio.com-tutorial/blob/master/how-to-start-shiny-part-3.pdf>

absolutePanel()

Panel position set rigidly (absolutely), not fluidly

conditionalPanel()

A JavaScript expression determines whether panel is visible or not.

fixedPanel()

Panel is fixed to browser window and does not scroll with the page

headerPanel()

Panel for the app's title, used with `pageWithSidebar()`

inputPanel()

Panel with grey background, suitable for grouping inputs

mainPanel()

Panel for displaying output, used with `pageWithSidebar()`

navlistPanel()

Panel for displaying multiple stacked `tabPanels()`. Uses sidebar navigation

sidebarPanel()

Panel for displaying a sidebar of inputs, used with `pageWithSidebar()`

tabPanel()

Stackable panel. Used with `navlistPanel()` and `tabsetPanel()`

tabsetPanel()

Panel for displaying multiple stacked `tabPanels()`. Uses tab navigation

titlePanel()

Panel for the app's title, used with `pageWithSidebar()`

wellPanel()

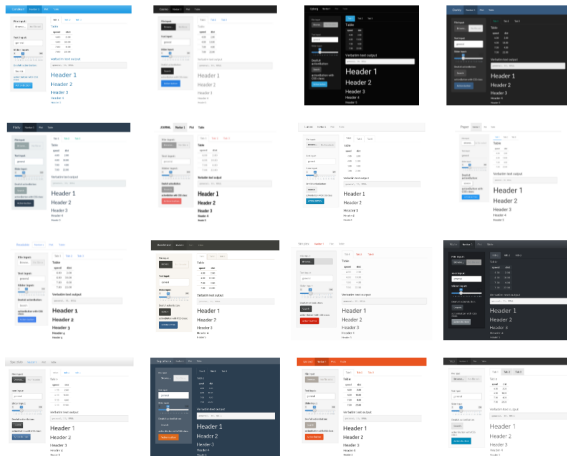
Panel with grey background.

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¿Cómo publicar tu
app?



Fuente: <http://rstudio.github.io/shinythemes/>

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¿Cómo publicar tu app?

- shinyapps.io
- Shiny Server
- RStudio Connect
- Más información en <https://shiny.rstudio.com/deploy/>