

Ejercicios

Doja Cat

```
library(tidyverse)
library(rvest)

urls <- read_html("https://www.letras.com/doja-cat/") %>%
  html_elements(".songList-table-songName") %>%
  html_attr("href")

url_2 <- paste0("https://www.letras.com", urls[2])
lyric <- read_html(url_2) %>%
  html_element(".lyric-original") %>%
  html_text()

lyric
```

```
## [1] " It's DojaI don't know how else to tell you this, butI got one way, maybe this will workYou ju
```

The Clash

Opción gasfitera

```
# url de todas las canciones
urls <- read_html("https://www.letras.com/the-clash/") %>%
  html_elements(".songList-table-songName") %>%
  html_attr("href")

# Raíz de la página
root <- "https://www.letras.com"

# Listado con las url completas para entrar a cada canción
full_urls <- paste0(root, urls )

# Iterar sobre las 10 primeras canciones y agregar las letras en una lista
lyrics <- list()
for (url in full_urls[1:10]) {
  lyric <- read_html(url) %>%
    html_element(".lyric-original") %>%
    html_text()
  lyrics <- append(lyrics, lyric)
}
```

Opción ordenada

```
# Función para obtener urls
obtener_urls <- function(banda) {
  band_url <- sprintf("https://www.letras.com/%s", banda)
  urls <- read_html(band_url) %>%
```

```

    html_elements(".songList-table-songName") %>%
    html_attr("href")
  return(urls)
}

# Función para extraer letra
extraer_letra <- function(url) {
  lyric <- read_html(url) %>%
    html_element(".lyric-original") %>%
    html_text()
  return(lyric)
}

# Usar map para crear la lista
urls <- obtener_urls("the-clash")
full_urls <- paste0(root, urls )
lyrics <- map(full_urls[1:10], extraer_letra)

```