

## Zhelf2: Random Simpsons Episode Generator

Simple web app to choose a random episode from a selection of seasons, generate a link to a website that streams the episodes.

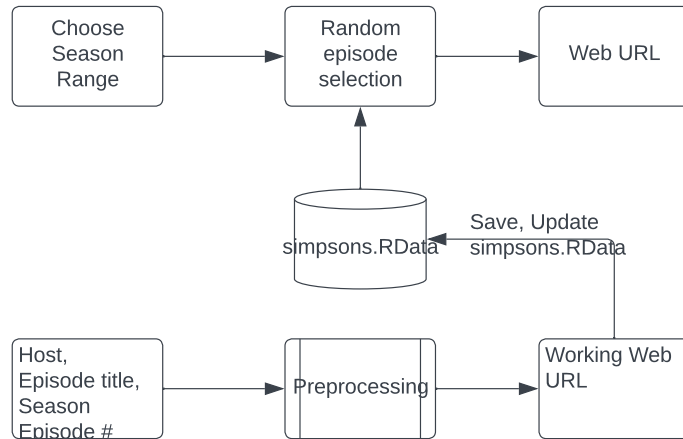
- Load data from simpsons.RData -- data scraped from imdb. [Episode Title, Rating, Season, Episode, Season+Episode]
- Dynamically generate url. Idea is that most URLs follow pattern: "host\_website-season-episode#-name"
- Select one at random when button is pressed, display link.

The only mildly challenging part is the URL generation.

- Host websites go down all the time. They're all kinda similar but will have different conventions
- Different naming conventions within the same website. For example wcoforever has Simpsons seasons 1-6 under "The Simpsons" but 7-11 all have their own seasons.
- Long episode titles, or titles with odd punctuation can be abbreviated in ways that cannot be predicted. Eg: Summer of 4ft2, One Fish Two Fish Blue Fish Blowfish

Solution: Webscrap the host first based on Season#, Episode# and pull the a() href attribute. Had trouble doing this live in-app but easy enough to do before, and save to simpsons.RDS

### Old Method



### New Idea:

- don't need to hardcode problem episode titles.  
Don't need to know the title at all

