

HW06 instructions

Ruby On Rails Course



Prerequisites

Create a new branch for working on this assignment

- ✦ Please create a new branch from the HW5 branch for working on this assignment called HW6 with the following command:
- ✦ `git checkout -b HW6`
- ✦ continue working in your `reddit_homework_03`

Assignments

Assignment #1: Trending scopes

Implement trending scope

- ✦ Add buttons to switch between newest and trending subreddits and posts
- ✦ For trends use hacker news algorithm (<http://amix.dk/blog/post/19574>)
 - ✦ $\text{Score} = (P-1) / (T+2)^G$
 - ✦ where,
 - ✦ P = points of an item (and -1 is to negate submitters vote)
 - ✦ T = time since submission (in hours)
 - ✦ G = Gravity, defaults to 1.8 in news.arc



Assignment #1: Counter cache

Add counter cache to votes

- ♦ Look at http://guides.rubyonrails.org/association_basics.html#counter-cache
- ♦ Add cache counter to Vote model
- ♦ Use migration to create new column on Posts table (votes_count)

Add counter cache to comments

- ✦ Add cache counter to Comments model
- ✦ Use migration to create new column on Posts table (comments_count)

Assignment #2: Enumerations

Enumerations

- ✦ Add gender enum to users
- ✦ Values
 - ✦ Female
 - ✦ Male



Enumerations on Forms

- ✦ Add the new gender enum to the settings form (settings page)
- ✦ Above the input field and below the “Subscribe...” checkbox
- ✦ Needs to be radio button

Assignment #3: Mailers

Posts mailer

- ✦ Create a mailer which will send an email to the author when someone comments his post
- ✦ Notifications mailer
- ✦ Comments method
- ✦ From: no-reply@tidder.com
- ✦ Subject: #{post name} - New Comment
- ✦ Body: #{only the content of the comment}



Assignment #3: Paperclip

Paperclip

- ✦ Use paperclip to upload your image (<https://github.com/thoughtbot/paperclip>)
- ✦ Add avatar to your settings page
- ✦ Allow only .jpg, .jpeg and .png images
- ✦ Add a default placeholder (check out default_url)
- ✦ Thumb style with size 150x150 (don't use original)

Paperclip

- ✦ The image needs to be beside the checkboxes on the settings page together with the upload image button

Some random settings and checkboxes

- ☐ I want to test beta features
- ☐ Please send me Nigerian prince offers
- ☐ Subscribe to "Enlarge your txt editor" newsletters

Input field:



Save settings



Continuous Assignment: Apply design

<http://invis.io/GZ3IM86JS>

- ✦ On the link above is the design for our reddit clone that will try to aim for.
- ✦ This is a continuous assignment that you can work on through the rest of the assignments.
- ✦ Add the bootstrap gem as seen in class and spice up your site!

Submit your solutions

Push to the remote repository on Github

- ✦ NOTE: I'm not going in depth how to do commits, please consult with already provided online resources.
- ✦ Once you finish each assignment create a final push to your branch:
- ✦ `git push origin HW6`
- ✦ You don't have to push it only once (i.e. when the whole assignment is over), you can do commits and pushes every time you make any significant progress such as finish an assignments.

Create a pull request

- ✦ Once you have pushed your finished assignments, you will have to create a pull request from your HW6 branch to your master branch
- ✦ Go to Github and position yourself in the HW6 branch
- ✦ If you can't find a way how to go to your branch, the URL should be:
<https://github.com/InfinumAcademy/academy-#{name}-#{surname}/tree/HW6>
- ✦ Find the little green button on the left and create a pull request - it should point from branch HW6 to master

Reviewing your pull request

- ✦ if everything is good, we will merge it to the master branch and your work is done (awesome!)
- ✦ if we have some constructive comments about your solution, we will ask you to modify your solution and push again to the HW6 branch again (the pull request will be updated automatically with every commit pushed to the HW6 branch). After you've pushed your changes, just make a comment on Github mentioning us, (e.g. 'Hey @#{reviewer}, I've improved my solution!')