



Assignment 2 (HF, major subject)

Due: Wed 06.11.2019; 18:00h (1 Week)

Goals

After doing these exercises, you know how to use Javascript to...

- Create AJAX requests
- Build webapps that use API(s)

Do not use any library / framework for this assignment. [#UseThePlatform](#)

Task 1: Meme Template Slideshow

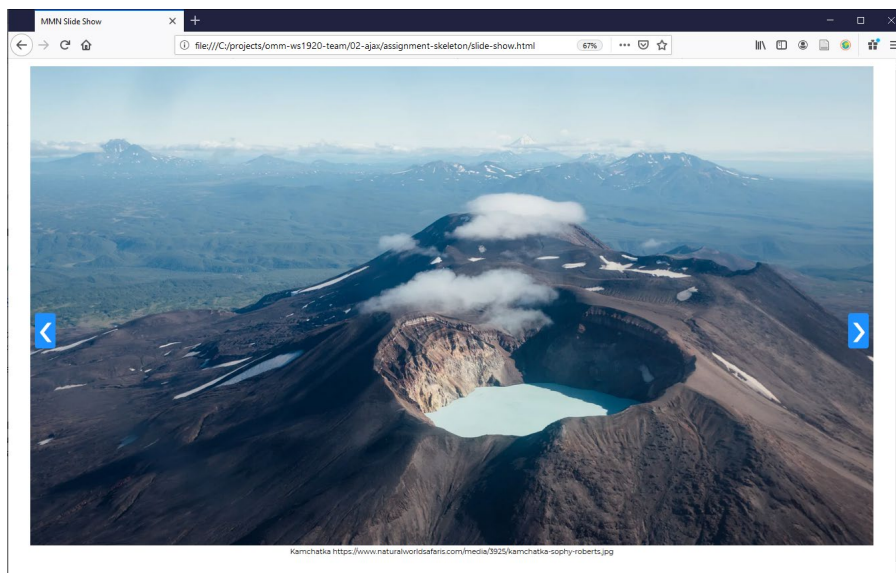
Difficulty: Medium

Use the file *assignment-skeleton/slide-show.html* for this task. It implements a basic slideshow, displaying some images. The current images are defined in the array *memes*, by their URLs.

We now want this to display the currently popular meme templates. Therefore you should use the [Imgflip API](#).

Your approach could be:

- Check out the Imgflip API documentation, to find out how you can use their API
- Implement an Ajax request against the API, fetching a set of meme templates.
- Store them in the webpage's data structure, replacing the current images





Task 2: My First Meme Generator

Difficulty: Medium

The Imgflip API also offers an endpoint to add a caption to an existing meme template. Use this to create your first meme generator.

- Create a form, where one can input two short texts
- When the form is submitted, the current meme template should be captioned with the typed input
- Feel free to extend your meme generator as you like, for example with a share button below a captioned meme.

Submission

Please turn in your solution as ZIP file via Uni2Work. You can form groups of up to three people.

We encourage you to sign up for Slack! All you need is a CIP account and an email address that ends in “@cip.ifi.lmu.de”. Ask us if you don’t know how to get them.

If you have questions or comments before the submission, please contact one of the tutors. They are on Slack [@Aleksa](#) and [@Andre](#), remember that they also want to enjoy their weekends 😊

It also makes sense to ask the question in our #omm-ws1920 channel. Maybe fellow students can help or benefit from the answers, too!