

Web Technologies

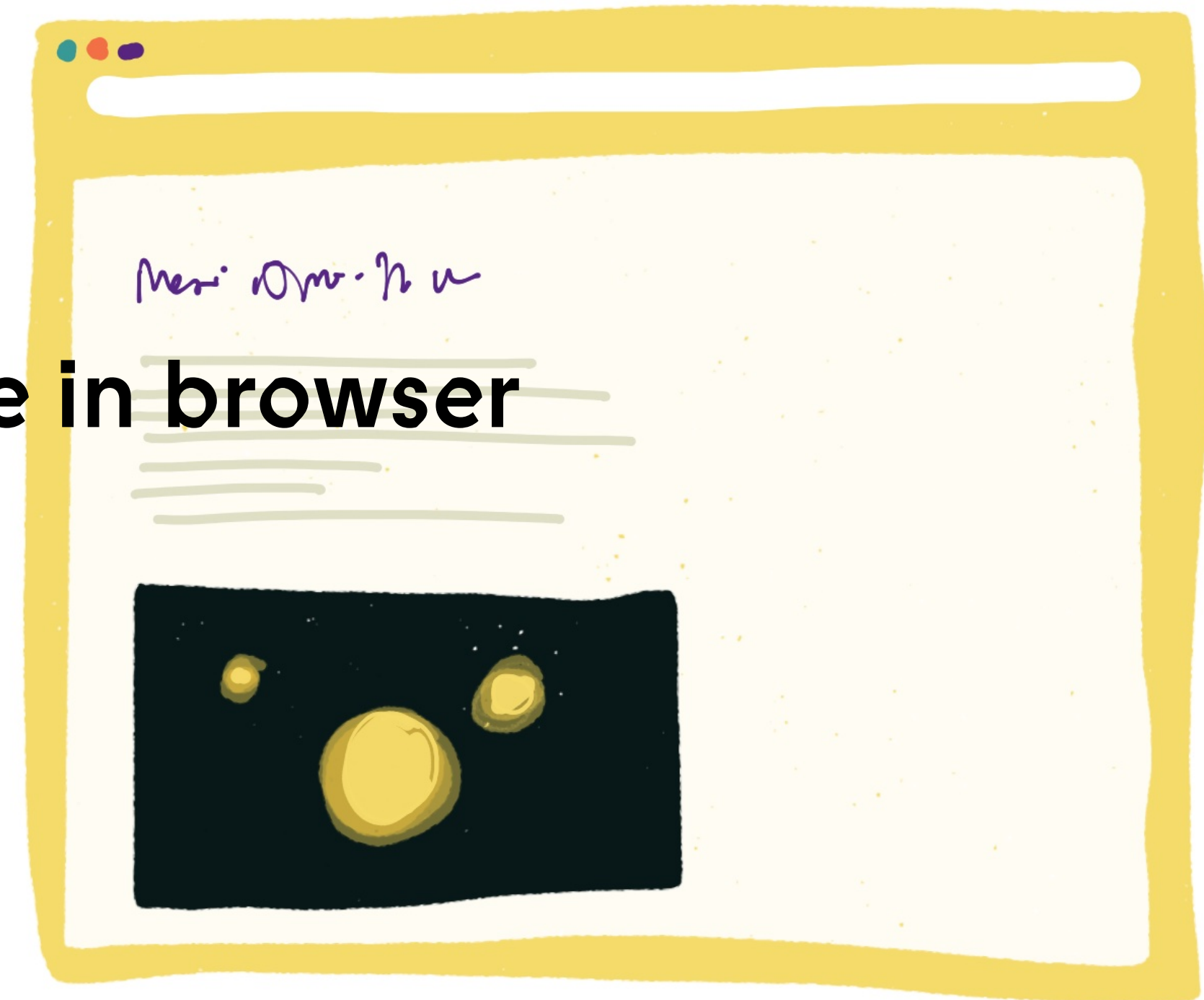
HTML/CSS

```
url: "https://sarisel-  
ka.com/api/1.0/?method=getQuote&lang=en&for-  
mat=jsonp&jsonp=?",  
method: "GET",  
dataType: "jsonp",  
success: function(request) {  
  randomQuote = request.quoteText;  
  randomAuthor = request.quoteAuthor;  
  $('#text').html(randomQuote);  
  if (randomAuthor == "") { randomAu-  
    thor="Unknown";  
  } $('#author').html(randomAuthor);  
}
```



First Page

- Basic page structure
- Saving and displaying .html file in browser
- What are tags?
- What are attributes?

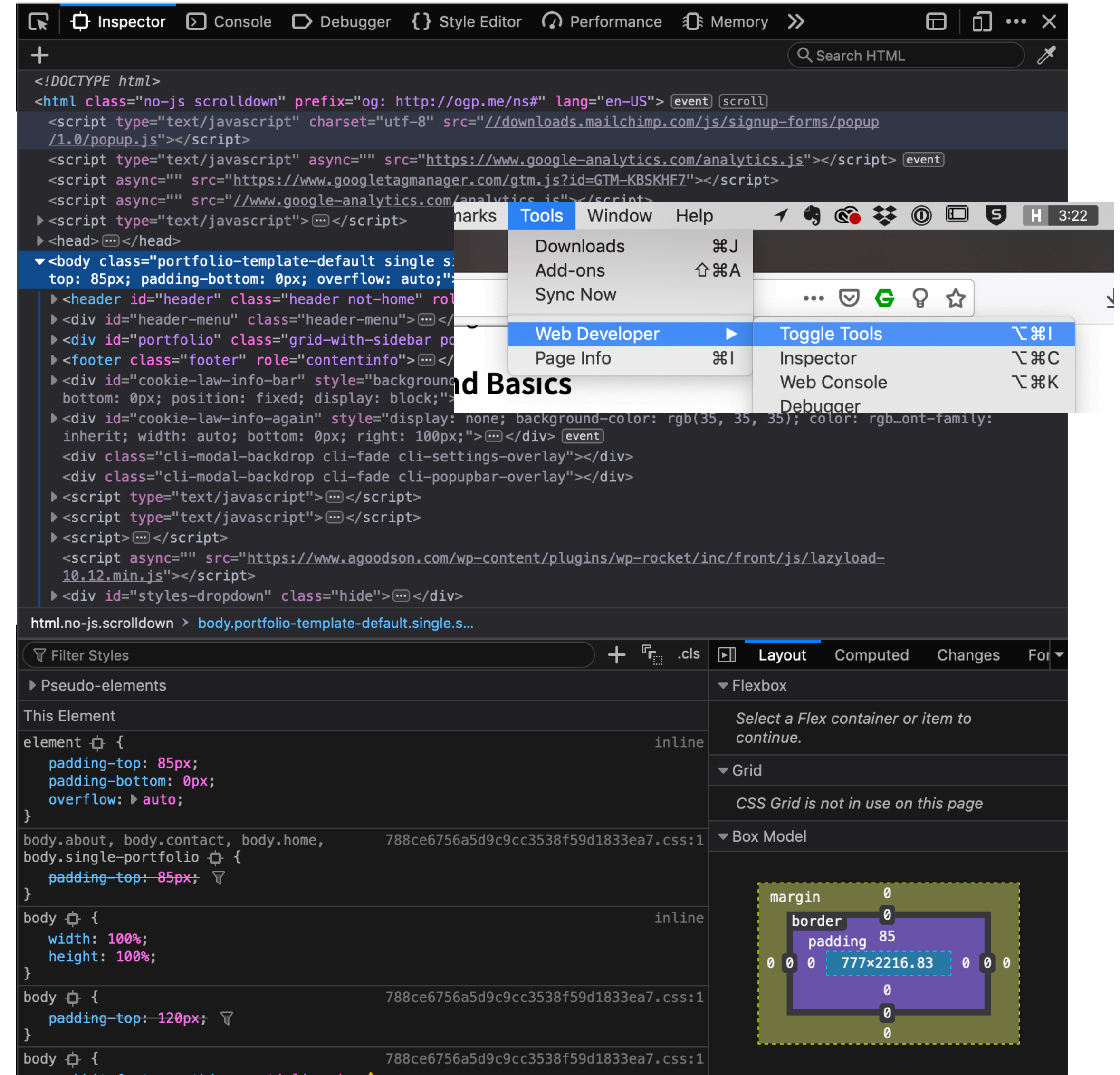


Basic HTML Tags

- **Headings**
- **Paragraph**
- **Line Breaks**
- **Links**
- **Images**
- **Lists**
- **Validation**

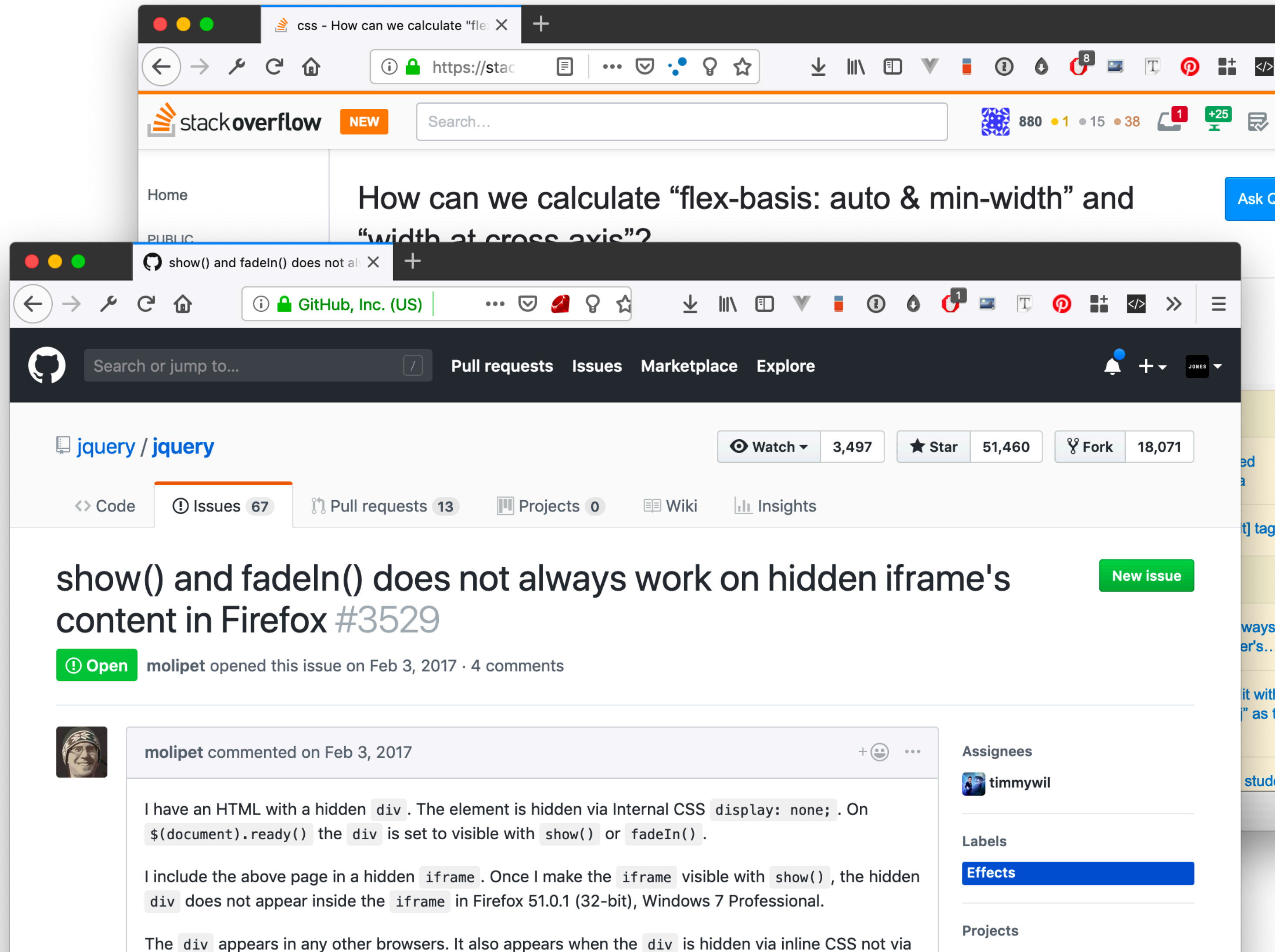
Developer Tools

- All browsers offer dev tools — use them!



Help

- stackoverflow.com
- [Mozilla Dev Network](https://developer.mozilla.org)
- caniuse.com
- GitHub issues
- Search engines
- Validation W3C



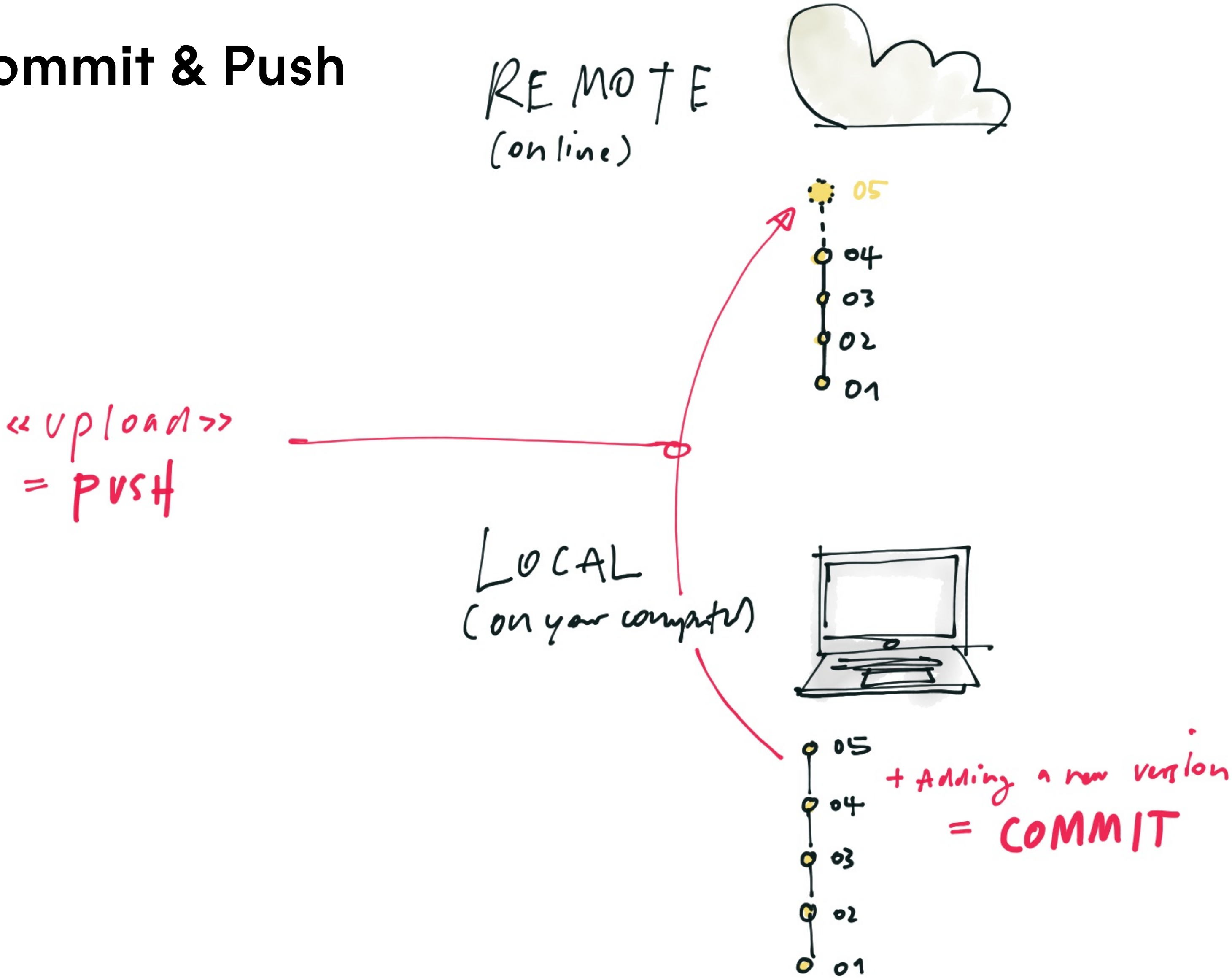
GitHub

- **Version control system**
- **Commit, Push, Pull, Branches, Merge, Rebase**
- **Push your first page to your GitHub repository**

Github: Commits

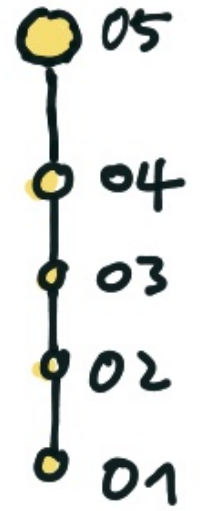


Github: Commit & Push



Github: Push & Pull

REMOTE
(online)

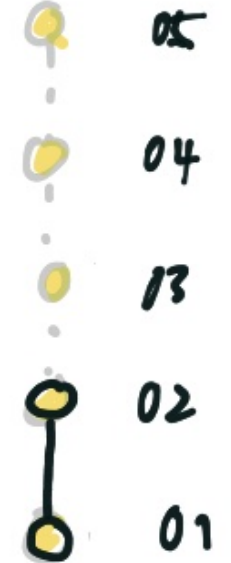


downloading newest
commits
= PULL

LOCAL
(on your computer)

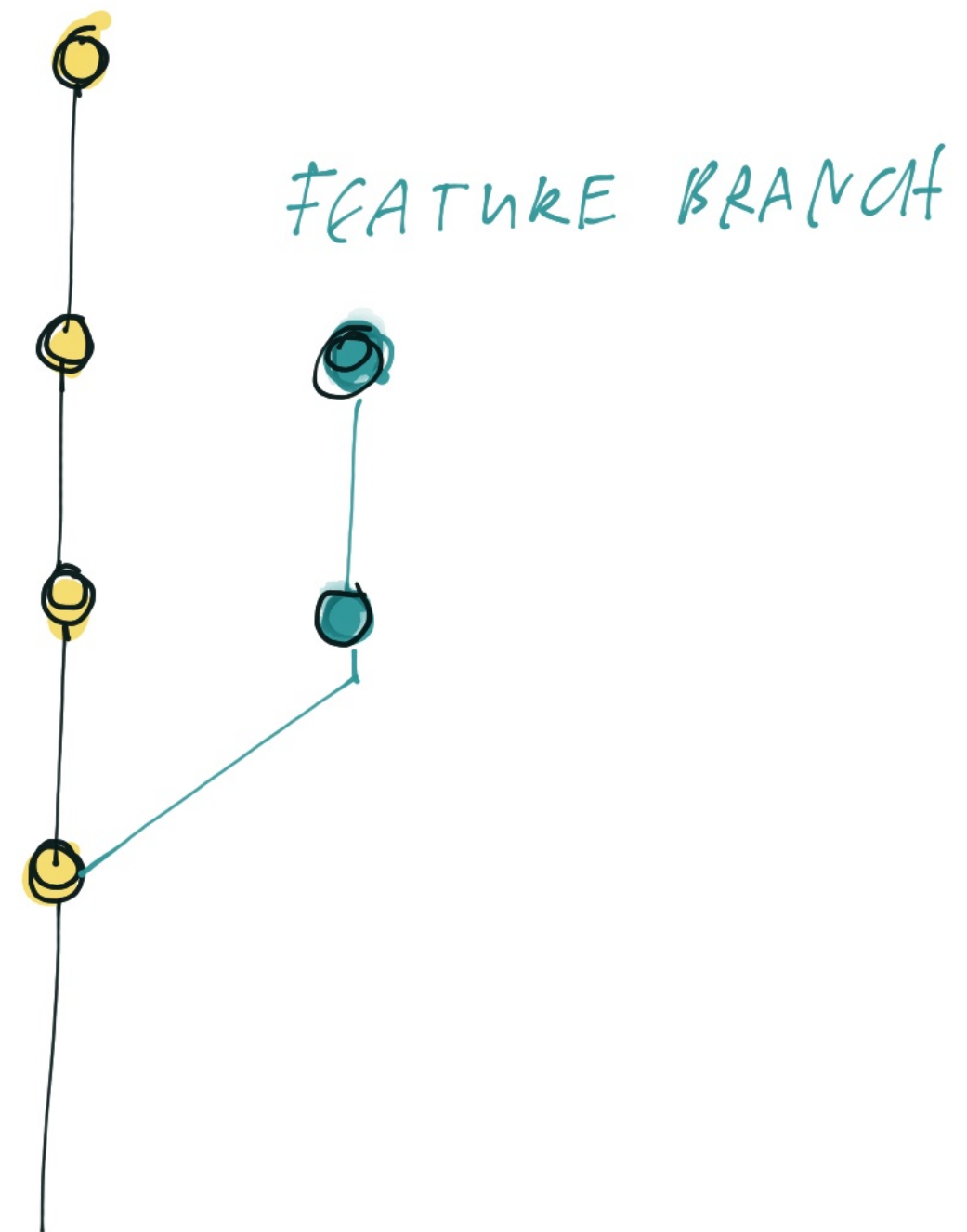


LOCAL
(2nd computer)



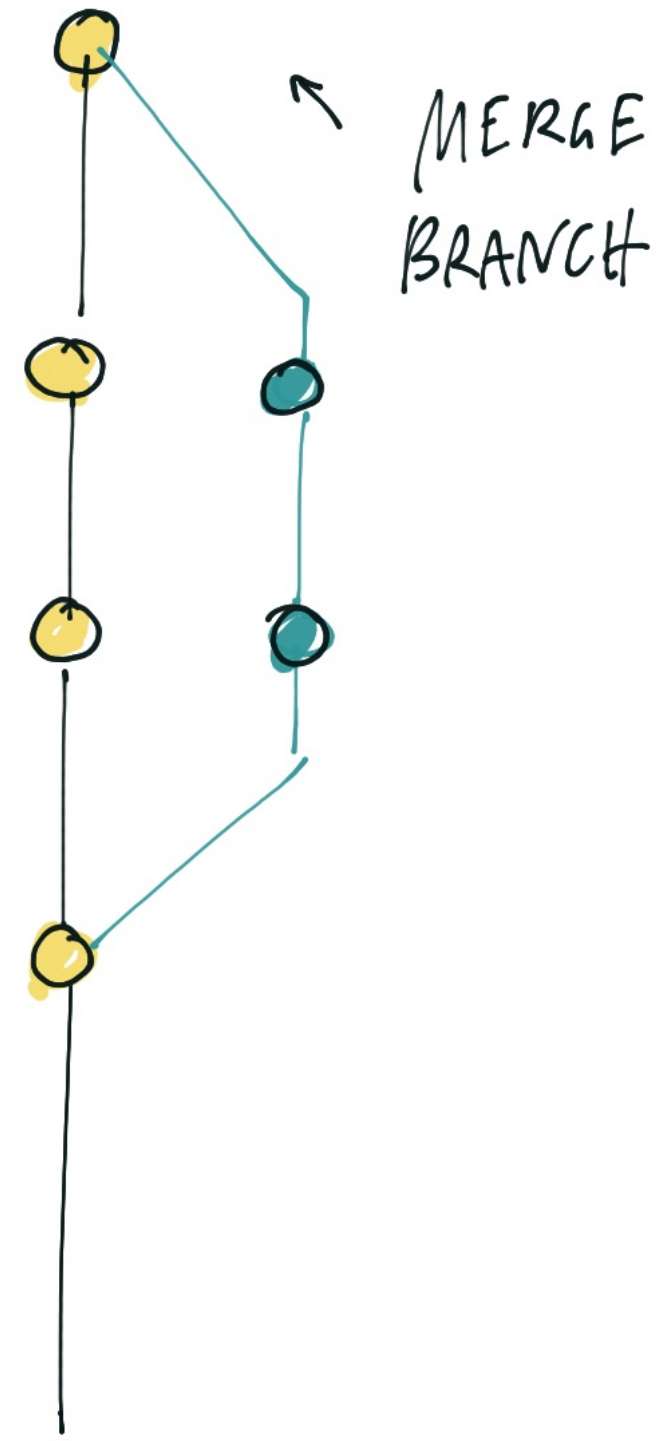
Github: Branches & Merge

MASTER BRANCH



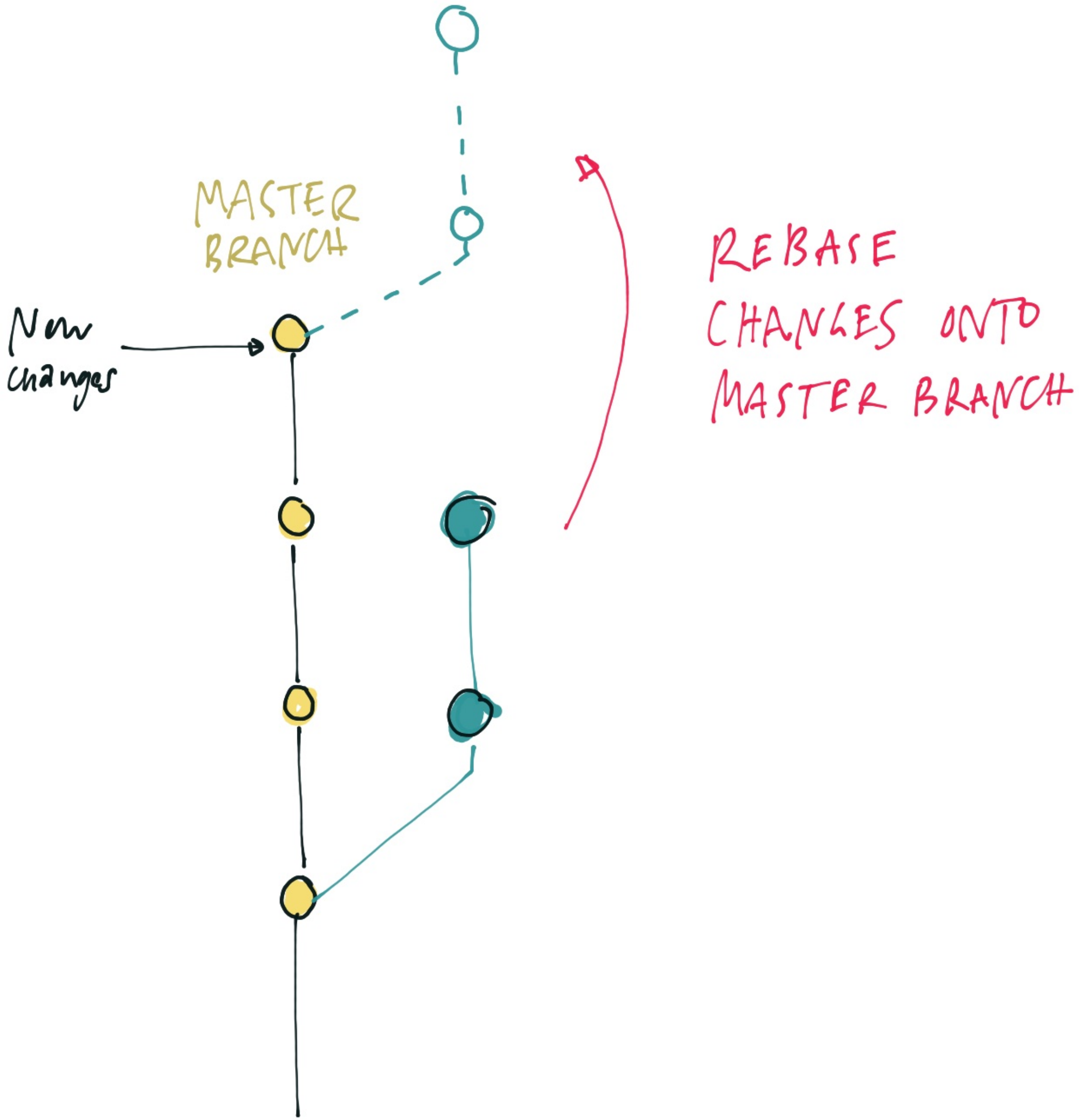
FEATURE BRANCH

CREATE NEW BRANCH

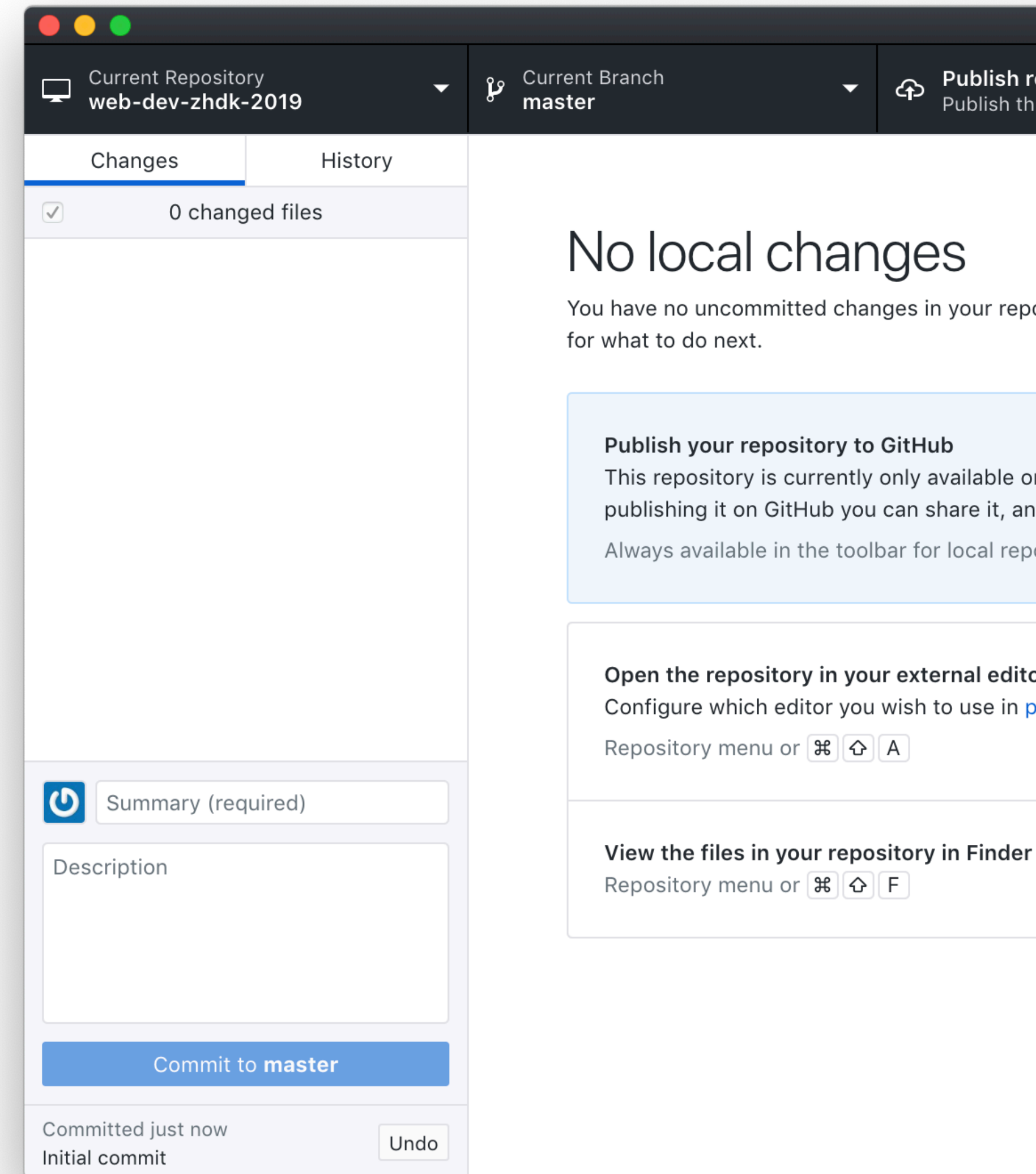
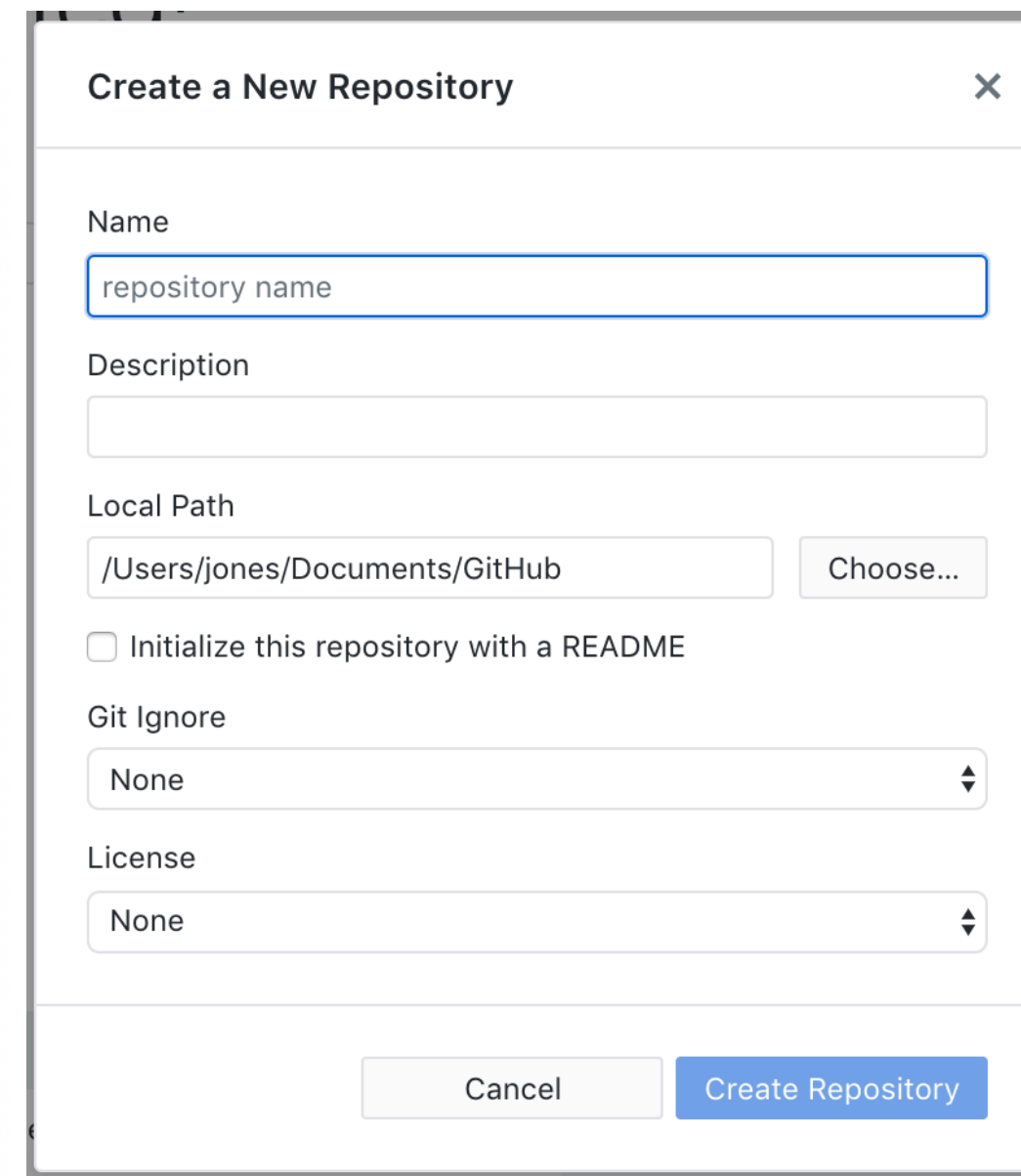
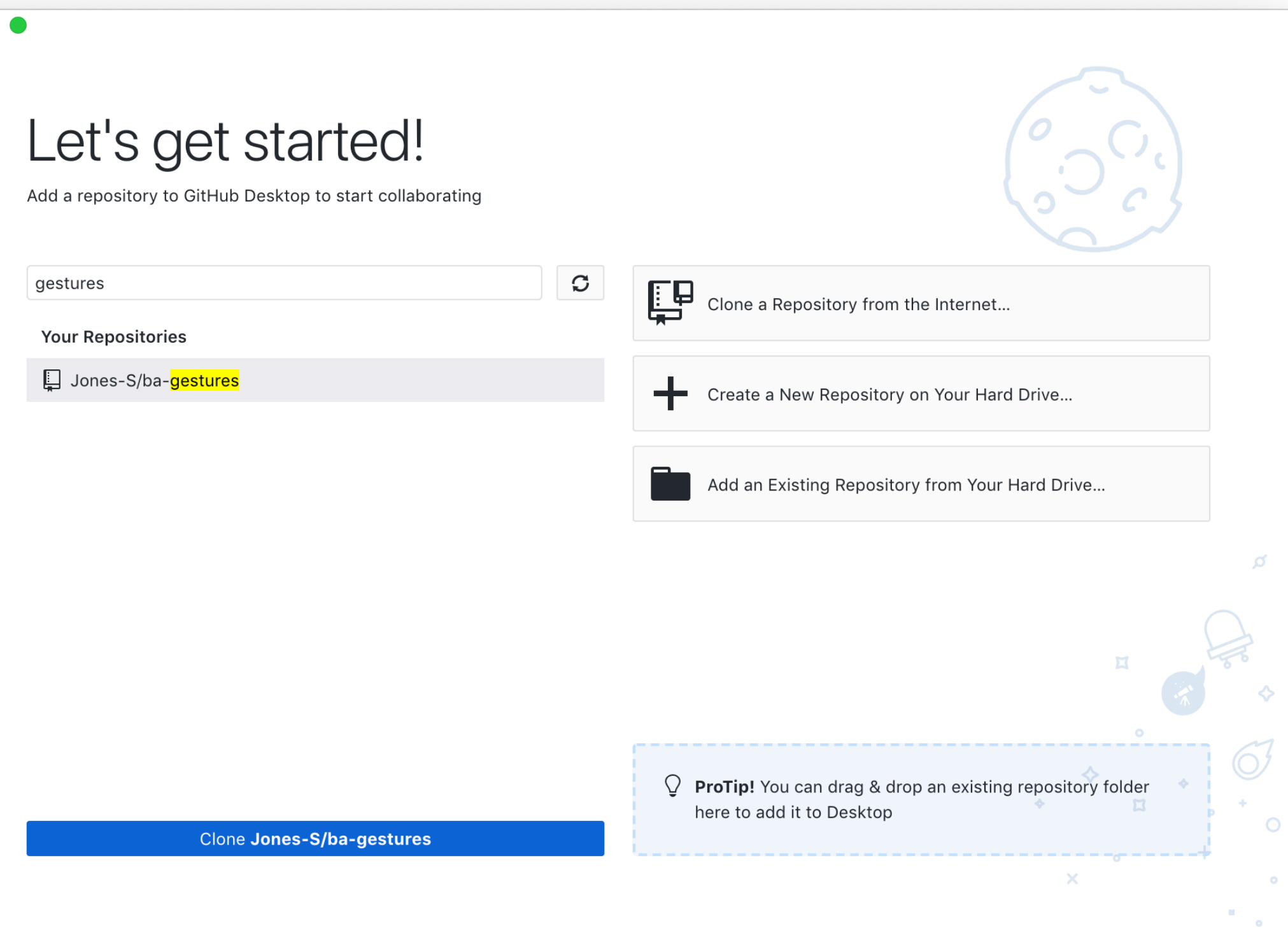


MERGE
BRANCH

Github: Rebase



GitHub Desktop



Exercise: Product Description

- Think about an understandable and suitable GUI
- Use actual content (leihs.zhdk.ch)
- At least 1 image
- Description
- Titles
- List of specifications
- Make it responsive
- Additional elements

Sony Alpha a7S II Body (E-Mount)

1 select rental period »
Add to Cart »

Atlanta, GA Dallas, TX Washington, DC
In Stock Now In Stock Now In Stock Now

In Stock For Shipping

The a7S II Mirrorless Digital Camera from Sony offers an impressive blend of sensitivity, dynamic range, resolution, and speed to benefit a versatile multimedia workflow. Revolving around a full-frame 12.2MP Exmor CMOS sensor, the a7S II is capable of internal UHD 4K recording at 30 fps with full pixel readout as well as 1080p recording at up to 120 fps, all in the XAVC S format. For both stills and video recording, the BIONZ X image processor also pairs with the sensor to enable expanded sensitivity to ISO 409600, continuous shooting to 5 fps, and fast intelligent autofocus with low-light sensitivity to -4 EV. Further enabling working in difficult lighting conditions, 5-axis SteadyShot INSIDE image stabilization compensates for vertical, horizontal, pitch, yaw, and roll camera movements for sharper, smoother handheld recording.

Complementing the 4K recording capabilities is a redeveloped recording setup, including the ability to utilize S-Log3 Gamma and S-Gamut3 in addition to S-Log2, for increasing dynamic range values by up to 1300% to better match high-end post-production workflows. For clearer monitoring potential, an enhanced Zebra function better supports working with S-Log gamma settings and a Gamma Display Assist helps to preview imagery with



- **Max Resolution:** 12MP: 4240 x 2832
- **Sensor Type:** CMOS, 35.8 x 23.9 mm
- **Video Recording:** Yes, NTSC. 3840 x 2160: 30 fps, 24 fps, 10 fps. 1920 x 1080: 120 fps, 100 fps 1920 x 1080: 60 fps, 50 fps, 30 fps, 25 fps, 24 fps
- **Memory Card Type:** SD, SDHC, SDXC, Memory Stick PRO (High Speed), Memory Stick PRO HG-Duo, Memory Stick XG Duo

Documents

- [Instruction Manual](#)