JAVASCRIPT DEVELOPMENT

Sasha Vodnik, Instructor

HELLO!

1. Pull changes from the `svodnik/jsd6` repo to your computer
2. Open the `starter-code` folder in your code editor
3. If you haven't already done so, create an account on 500px.com

ADVANCED APIS

LEARNING OBJECTIVES

At the end of this class, you will be able to

‣ Generate API specific events and request data from a web service.

‣ Implement a geolocation API to request a location.

‣ Process a third-party API response and share location data on your website.

‣ Make a request and ask another program or script to do something.

‣ Search documentation needed to make and customize third-party API requests.

AGENDA

‣ Configure 500px account and tools

‣ Implement authorization

‣ Implement geolocation

‣ Create and send API call

‣ Handle API response

QUESTIONS & FEEDBACK FROM EXIT TICKETS

‣ "Perhaps commenting the solutions code so we can see what's happening after class?"

‣ "A few more examples before going to the lab might help"

QUESTIONS & FEEDBACK FROM MID-COURSE EVALS

‣ "Not sure which questions should go to Nicole vs. Sasha in class and on Slack"
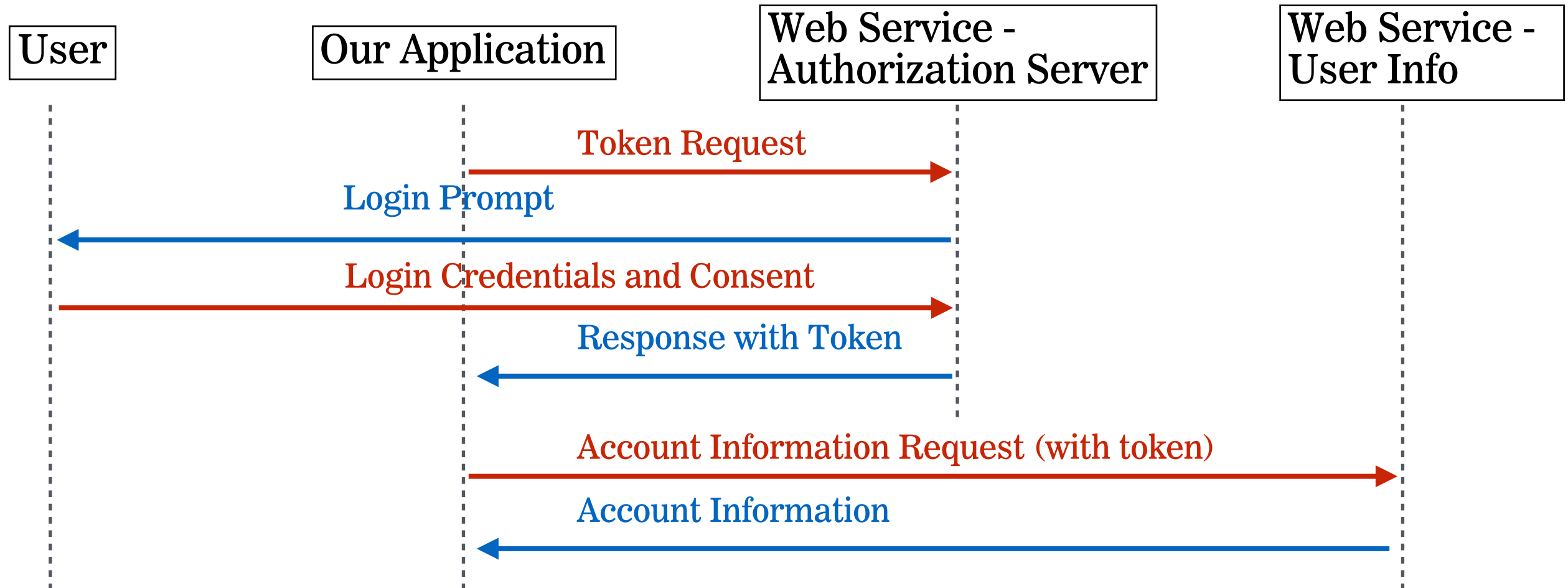
‣ "the outcome of the course"

Checkin and questions

‣ The **most significant thing I learned** about asynchronous JavaScript, callbacks, and IIFEs is _____.

‣ My **biggest outstanding question** about asynchronous JavaScript, callbacks, and IIFEs is _____.

HOMEWORK REVIEW

Have you ever granted an app access to your information from a different web service?

OAuth Flow

BUILDING OUR APP

1. Configure our systems for development and testing, and review 500px developer configuration

2. Create our initial view

3. Get user's location

4. Send request to 500px with user's location info

5. Parse API response and add returned images to view

ENDPOINT

‣ An address or connection point to a web service

‣ A single service can have multiple endpoints

‣ For the service we're using, 500px.com, see list of endpoints at https://github.com/500px/api-documentation#endpoints

LEARNING OBJECTIVES – REVIEW

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NEXT CLASS PREVIEW

In-class lab: Feedr

‣ Familiarize yourself with the API documentation for news sources.

‣ Learn how to parse through API documentation.

‣ Understand how to successfully retrieve information from APIs.

‣ Fork and clone your starter code.

‣ Strategize ways to hide the loader and replace the content of the `#main` container with that of the API.

‣ Look up other news sources that might be useful for the project.

‣ Understand how templating could be useful in the project (optional for the final product).

Exit Tickets!

Q&A