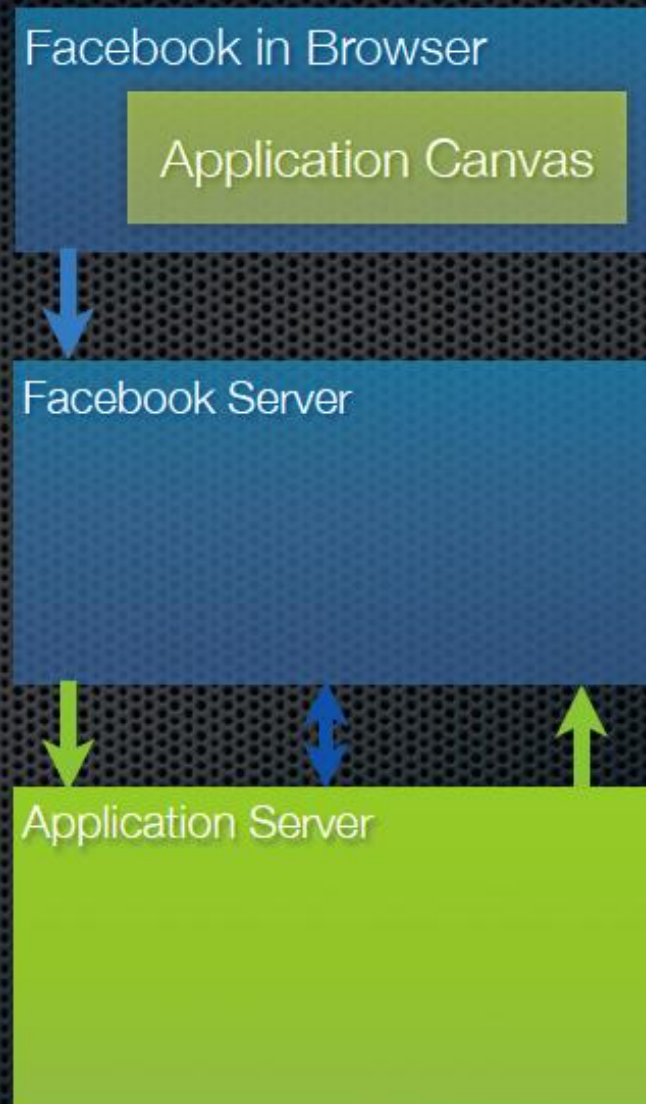


Today's Plan

- **Project 2 presentations**
- **Introduction to FaceBook development**
 - Facebook Platform
 - FBML
 - PHP SDK (if time)

Canvas

- 1 - Browser makes request
- 2 - FB server calls web server
- 3 - App Calls FB API (optional)
- 4 - App returns FBML
- 5 - Facebook renders FBML to HTML



Lets Start!

<https://developers.facebook.com/>

<https://developers.facebook.com/docs/guides/canvas/>

Create an application

- <https://developers.facebook.com/apps>
- + CreateApp

Settings

Basic

Developer Roles

Permissions

Payments

Realtime Updates

Advanced

App Details

Open Graph

Localize

Alerts

Insights

Related links


Use Debug Tool

Use Graph API Explorer

See App Timeline View

Delete App

Apps ▸ TestAppCs190 ▸ Basic



TestAppCs190

App ID: 100366586827464

App Secret: 06c13a62d739ccf82fbe25a71800410a (reset)

Basic Info

Display Name: [?] TestAppCs190

Namespace: [?]

Contact Email: [?] cs190spring2013@gmail.com

App Domains: [?] Enter your site domains and

Hosting URL: [?] You have not generated a URL through one of our partners (Get one)

Sandbox Mode: [?] ☐ Enabled ☒ Disabled

Select how your app integrates with Facebook

☒ Website with Facebook Login Log in to my website using Facebook.

☒ App on Facebook Use my app inside Facebook.com.

☒ Mobile Web Bookmark my web app on Facebook mobile.

☒ Native iOS App Publish from my iOS app to Facebook.

☒ Native Android App Publish from my Android app to Facebook.

☒ Page Tab Build a custom tab for Facebook Pages.

Save Changes

[Canvas Tutorial]

<https://developers.facebook.com/docs/appsonfacebook/tutorial/>



HTML for FB

- <https://developers.facebook.com/docs/howtos/fluid-canvas/>
- HTML with extra widgets

FBJS

- A subset of Regular Javascript 😊
- Works fine, but it can also be a big pain, sometime really!
- works via setter and getter methods
- Supports DOM manipulation
- Provides some cool components 😊
- Excellent support for Ajax

FBJS - Example

```
<input type='button' onclick='popup();'  
      value='Dont Click'/'>  
  
<script>  
function popup()  
{  
  new Dialog().showMessage("Info","I said 'Dont Click!' ");  
}  
</script>
```

Lets Use the PHP Client Library!

- In MathCS, easier to copy files to your lab9 directory:
`cp -R /home/cs190000/facebook-platform .`

Or: download FB-PHP Client Library from

<https://github.com/facebook/facebook-php-sdk>

Start from my example

Canvas callback url: <http://cs190.mathcs.emory.edu/~eugene/facebook/>

File location: **/home/eugene/public_html/facebook/canvas.php**