

Authentication

An Overview

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Facebook Platform



Websites



Mobile



Apps on Facebook

Social Plugins

Dialogs

Graph API

User, App, Page, Credits, Places, Ads

Standards

HTTP, HTML5, JSON, OAuth, Open Graph

“It’s All About The Access Token”

- Permissions
- Auth Dialogs
- Server-side Auth
- Client-side Auth
- SDKs
- Mobile SSO

Permissions

Default, Basic
User data

ID
Name
Friends
Picture
Gender
Username
Locale

Permissions

Without Permissions, if you query the API for anything more than the basic user data, you'll get:

```
{
   data: [
   ]
}
```

Permissions

Ask for the permissions you NEED - but not more

~60
Permissions

user_likes
user_birthday
user_events
user_photos
user_checkins
email
...

friends_likes
friends_birthday
friends_events
friends_photos
friends_checkins
...

publish_stream
publish_checkins
create_event
manage_pages
offline_access
...

Full list at developers.facebook.com/docs/authentication/permissions

Permissions

Tips

- The more permissions you request,
  the lower your conversion ratio
    ~3% reduction in conversion for each additional permission

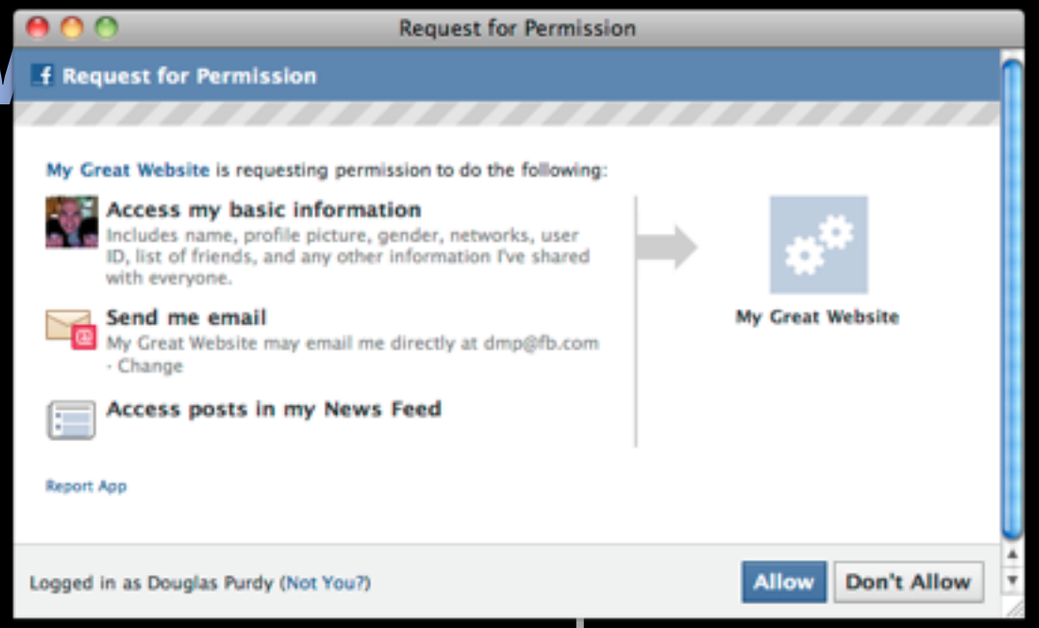
- But some permissions have a bigger effect than others:
    `email`, `user_birthday`, `stream_publish`, `offline_access` etc

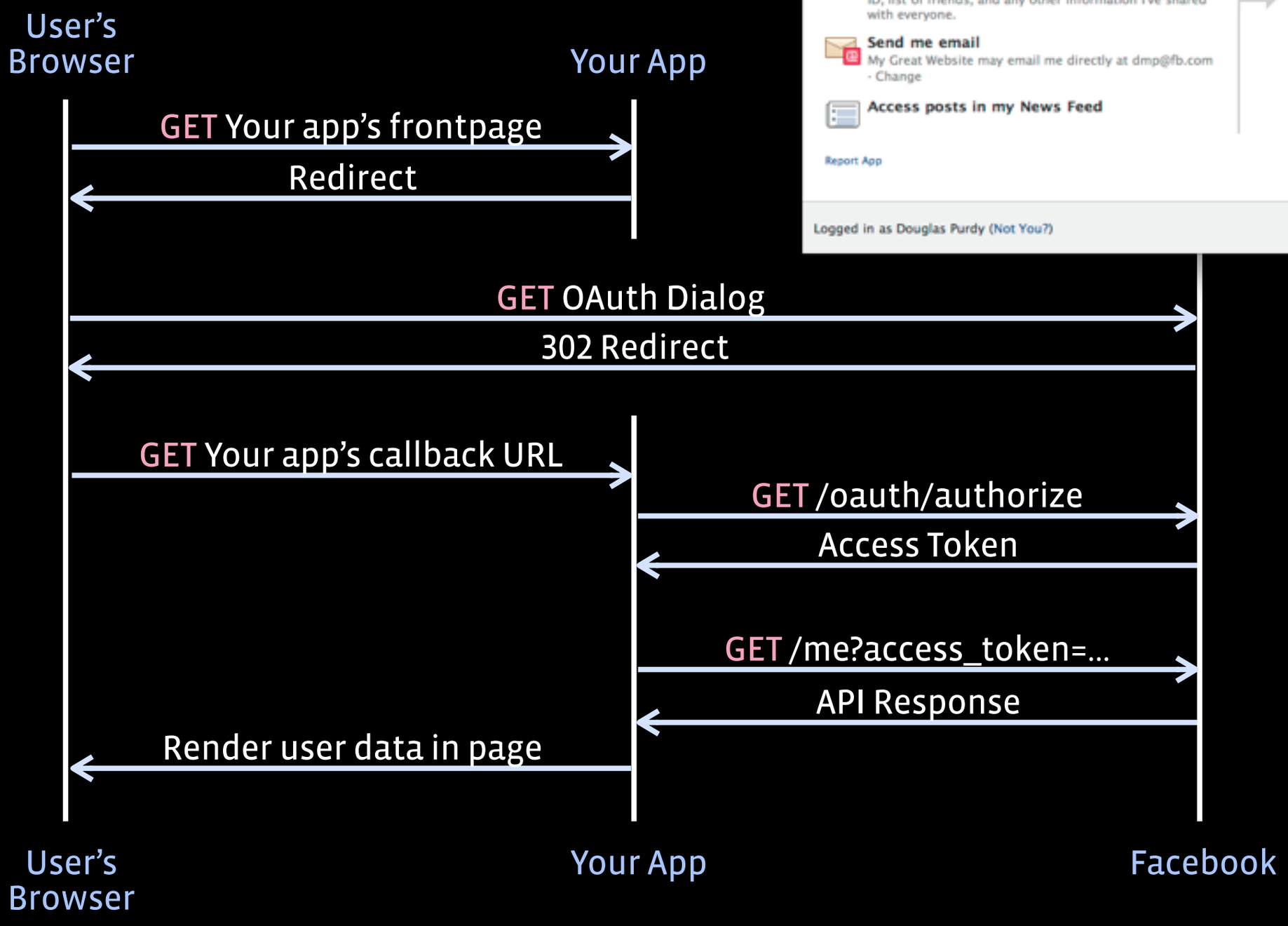
- Ask for only the permissions you actually need

- You can always ask for more later

Use Insights too

Server Side Auth Flow

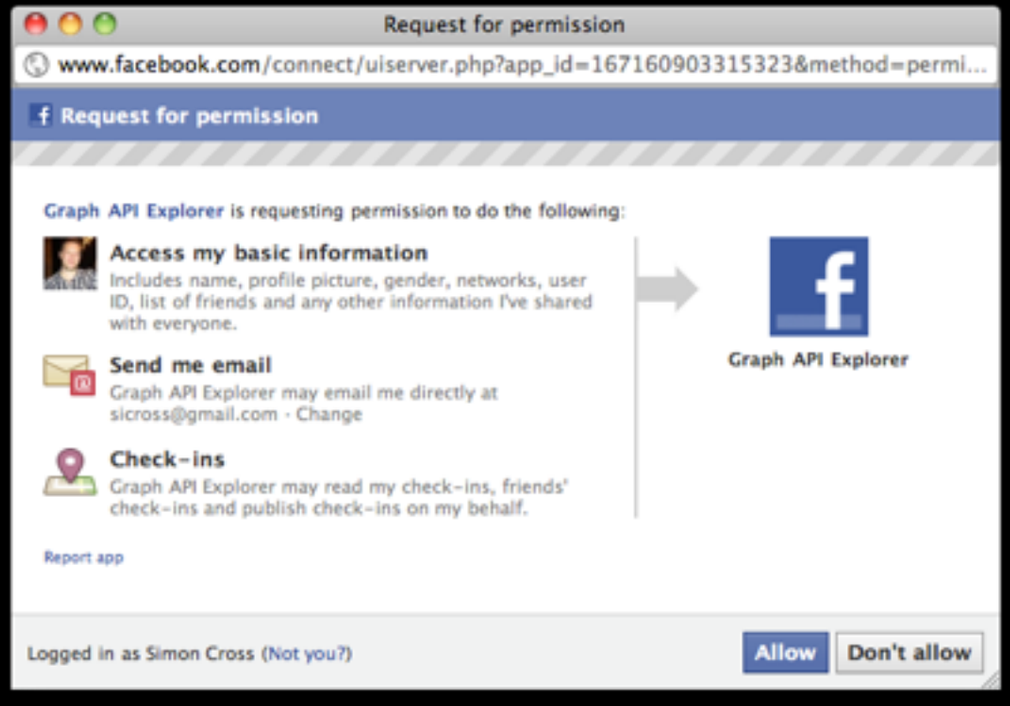




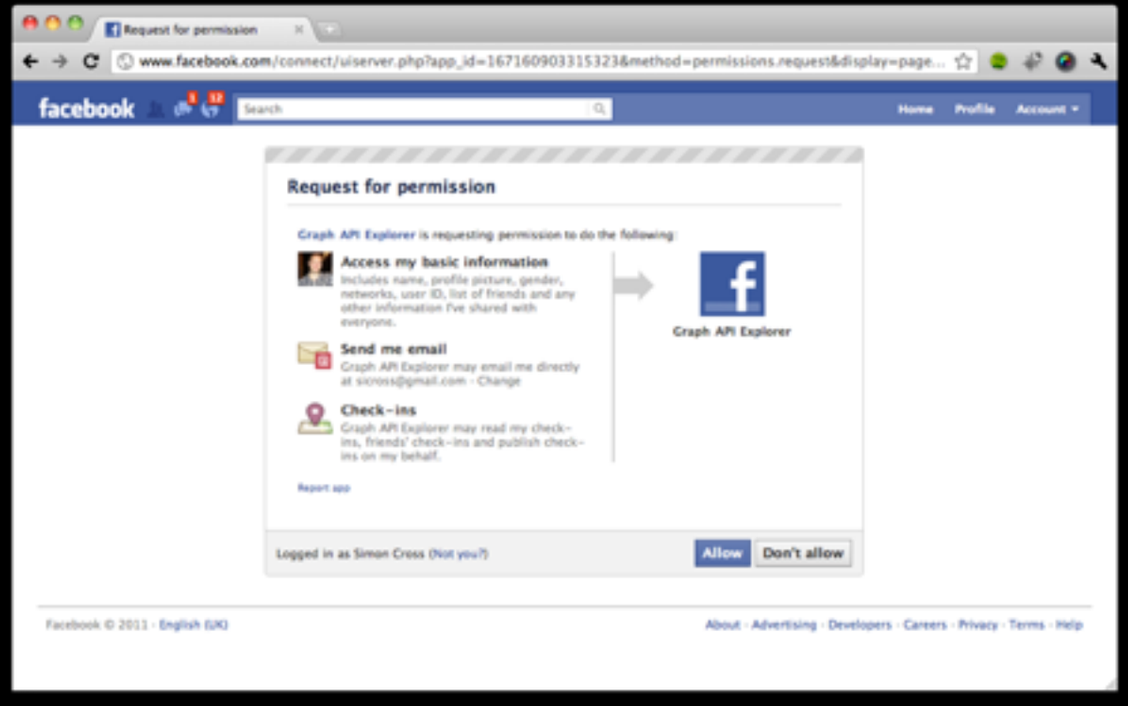
Server Side Auth Flow

GET https://www.facebook.com/dialogs/oauth?
client_id=YOUR_APP_ID&
redirect_url=http://yourapp.com/callback&
display=page|popup&
scope=perm_one,perm_two

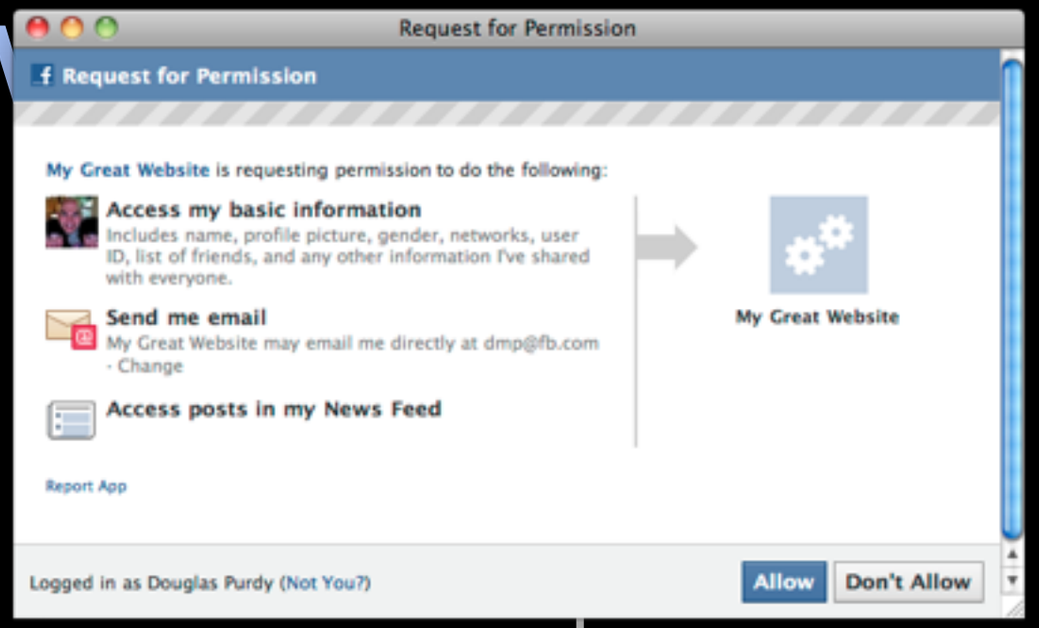
display=popup

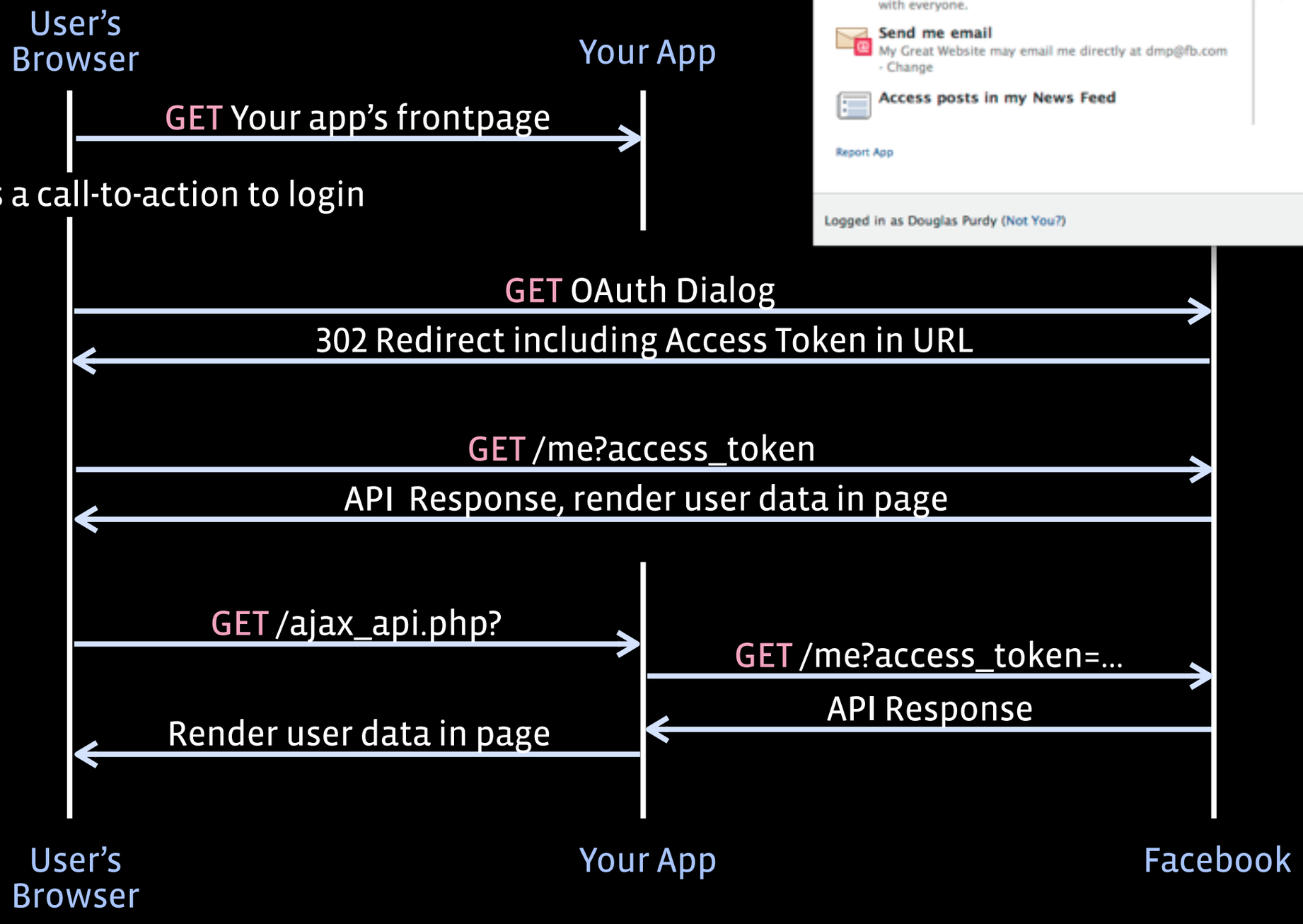


display=page



Client Side Auth Flow





Client Side Auth Flow

GET https://www.facebook.com/dialogs/oauth?
client_id=YOUR_APP_ID&
redirect_url=http://yourapp.com/callback&
display=page|popup&
response_type=token&
scope=perm_one,perm_two

Response is a 302 redirect to:

```
http://yourapp.com/
callback#access_token=166942940015970%7C2.sa0&expires_in=64090
```



Javascript SDK



Mobile SDKs