

Facebook API(Continued)

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Facebook SDK for PHP

- SDK – Software Development Kit
- Facebook SDK for PHP: a set of server-side functionality for accessing Facebook's server side API calls.
- Files for today's lab(including the SDK):
- ~cs190000/public_html/lectures/Apr2/
- Official SDK download: <https://github.com/facebook/facebook-php-sdk>
- Full SDK reference:
- <https://developers.facebook.com/docs/reference/php/>

Facebook SDK for PHP

- Installing and Initializing
- `require_once("facebook.php");`
- `$config = array();`
- `$config['appId'] = 'YOUR_APP_ID';`
- `$config['secret'] = 'YOUR_APP_SECRET';`
- `$config['fileUpload'] = false; // optional`
- `$facebook = new Facebook($config); //a Facebook object`
- Example:
- <http://dutch.mathcs.emory.edu/~cs190000/lectures/Apr2/canvas5.php>

Facebook SDK for PHP

- Facebook Object
- see facebook object reference:
- https://developers.facebook.com/docs/reference/php/#facebook_object
- Login/Logout Facebook:
- `getUser()` – returns current user id
- `getLoginUrl()` – returns a URL for current facebook user to login your app
- `getLogoutUrl()` – returns a URL for current user to logout facebook

Facebook SDK for PHP

- Accessing a user's profile using Graph API:
- `$facebook ->api('/me');` // get current user's profile
- see `canvas5.php` example for the content of a user profile.
- More general – accessing anyone's profile:
- `$facebook ->api('/username')`

More on Facebook Graph API

- `$facebook->api($path, $method, $params);`
- `$path` – the Graph API path for the request.
- e.g. `"/username"`, `"/username/picture"`, `"/username/feed"`
- `$method` – `"GET"`, `"POST"`, `"DELETE"`
- `$params` – parameters passed to the API method you are calling, in the form of an associative array.
- Other fun things you can do with Graph API:
- see example `canvas6.php`
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Facebook SDK for JavaScript

- Login/Logout:
- reference: <https://developers.facebook.com/docs/howtos/login/getting-started/>
- example:
- dutch.mathcs.emory.edu/~cs190000/lectures/Apr2/canvas7.php