Facebook Graph API - Features

- Simplifies read and write data to Facebook

  - To get the details of an id use
    - https://graph.facebook.com/<id>

  - To get user’s friends
    - https://graph.facebook.com/me/friends

  - Gives a neat and consistent data structure
    - "data": [ 
      { "id": "614004947048_362496",
        "from": { "name": "Ayse Kozan-Guler",
                  "id": "717603253" }
      }
    ]
Authentication

- Single sign on mechanism

- Social plugins – like, recommendations and comment features of Facebook.

- Open graph protocol – Use `<meta>` tags to specify structured data about the web pages. Helps to combine the data into a social graph.
Get Friends data

```php
$ch = curl_init();
curl_setopt($ch, CURLOPT_URL, "https://graph.facebook.com/me/friends?access_token=$secret");
curl_setopt($ch, CURLOPT_SSL_VERIFYPEER, 0);
curl_setopt($ch, CURLOPT_RETURNTRANSFER, 1);
curl_setopt($ch, CURLOPT_TIMEOUT_MS, 10000);

$out  = curl_exec($ch);
$data = json_decode($out, true);

// Get Facebook Friends
$friends = $data["data"];```

Login to facebook and paste the url

```json
{ "data": [
    { "name": "Kamakshi Ram", "id": "6404829" },
    { "name": "Bharani Ramamoorthi", "id": "9614115" }
] }
}