

Instagram API Tutorial

Part One: Instagram API Restrictions

1. Every new app created on the Instagram Platform starts in Sandbox mode.
2. Apps in sandbox are restricted to 10 users
3. Data is restricted to the 10 users and the 20 most recent media from each of those users.
4. To get out of Sandbox mode, you need to submit your app for review.

Part Two: Get Started

1. Register as a developer at the Instagram Developer Platform <https://www.instagram.com/developer/>
2. Register an API client <https://www.instagram.com/developer/clients/register/>. The most delicate part of configuring an API client is entering the correct values in the Valid redirect URIs field (Checking the uri guideline below). After that, you will receive your **client_id** and **client_secret**.

Samples for redirect URLs

Registered Redirect URI	Redirect URI sent to /authorize	Valid?
http://yourcallback.com/	http://yourcallback.com/	yes
http://yourcallback.com/	http://yourcallback.com/?this=that	yes
http://yourcallback.com/?this=that	http://yourcallback.com/	no
http://yourcallback.com/?this=that	http://yourcallback.com/?this=that&another=true	yes
http://yourcallback.com/?this=that	http://yourcallback.com/?another=true&this=that	no
http://yourcallback.com/callback	http://yourcallback.com/	no
http://yourcallback.com/callback	http://yourcallback.com/callback/?type=mobile	yes

3. Generate an access token programmatically using OAuth 2 workflow
 - Direct your user to Instagram's authorization URL
 - The user grants authorization
 - Instagram redirects the user back to your site with a code
 - Send the code back to Instagram in exchange for the token
4. Invite sandbox users from the Sandbox tab of the Manage Clients UI. So your app will be able to display their last 20 posts in addition to your own.

Part Three: Demo Code

Demo: <https://github.com/QiongrongJiang/photofeed>. For further information about an endpoint, please check <https://www.instagram.com/developer/authentication/>