

Table 1

	Limits	Time	Allows Caching?	Allows Distribution?	Documentation	Search By	Authentication	Client	ToS	Etc.
Tumblr	1,000 likes	`before` field: "The timestamp of when you'd like to see posts before."	"Under no circumstances will you or your Licensee Applications store or cache Content for longer than three (3) days; after three (3) days, you and/or your Licensee Applications will re-request any such Content."	"Licensee Applications are strictly prohibited from syndicating or distributing Content in any manner, public or private, including but not limited to public redisplay of any Content."	http://www.tumblr.com/docs/en/api/v2	blog, user, tag	Key or OAuth	https://github.com/tumblr/pytumblr	http://www.tumblr.com/docs/en/api_agreement	
Flickr	3,600 queries/hour	min/max upload, date taken	<ul style="list-style-type: none">Short-term caching: Your application can cache API results and images for up to 24 hrs to help reduce API load.(you shall not) "Cache or store any Flickr user photos other than for reasonable periods in order to provide the service you are providing to Flickr users."	Not clear	https://www.flickr.com/services/api/	user, tag, text	OAuth	<ul style="list-style-type: none">http://stuvel.eu/flickrapi;https://code.google.com/p/python-flickr-api/;https://code.google.com/p/flickrpy/	https://www.flickr.com/services/api/tos/	
YouTube	<ul style="list-style-type: none">50,000,000 units/day (3,000 units /second);50 results per search	publishedAfter; publishedBefore	"Caching. Your API Client may employ session-based caching solely of YouTube API results, but You must use commercially reasonable efforts to cause Your API Client to update cached results upon any changes in video metadata. For example, if a video is removed from the YouTube service or made "private" by the video uploader, cached results shall be removed from Your cache. For the avoidance of doubt, Your API Client shall not be designed to cache YouTube audiovisual content."	Can embed	https://developers.google.com/youtube/v3/docs/search/list	user,	Key or OAuth		https://developers.google.com/youtube/terms	Downloading content is hard. http://rg3.github.io/youtube-dl/documentation.html (but will run into CAPTCHA before too long); — to be used sparingly
Twitter	<ul style="list-style-type: none">180 queries per 15 minute windowmentions (@): 800 tweetsuser: 3200 most recentretweets: 100 most recent	<ul style="list-style-type: none">until: "Returns tweets generated before the given date. Date should be formatted as YYYY-MM-DD. Keep in mind that the search index may not go back as far as the date you specify here.";since_id: "Returns results with an ID greater than (that is, more recent than) the specified ID. There are limits to the number of Tweets which can be accessed through the API. If the limit of Tweets has occurred since the since_id, the since_id will be forced to the oldest ID available."max_id: "Returns results with an ID less than (that is, older than) or equal to the specified ID.""Due to capacity constraints, the index currently only covers about a week's worth of tweets."	"You will not attempt or encourage others to: use or access the Twitter API to aggregate, cache (except as part of a Tweet), or store place and other geographic location information contained in Twitter Content."	"You will not attempt or encourage others to: sell, rent, lease, sublicense, redistribute, or syndicate access to the Twitter API or Twitter Content to any third party without prior written approval from Twitter. If you provide downloadable datasets of Twitter Content or an API that returns Twitter Content, you may only return IDs (including tweet IDs and user IDs). You may provide spreadsheet or PDF files or other export functionality via non-programmatic means, such as using a "save as" button, for up to 100,000 public Tweets and/or User Objects per user per day. Exporting Twitter Content to a datastore as a service or other cloud based service, however, is not permitted."	https://dev.twitter.com/docs/api	user, content, geocode, retweet	OAuth	https://dev.twitter.com/docs/twitter-libraries	https://dev.twitter.com/terms/api-terms	
Facebook	50/batch; ??	time-based pagination while browsing user content	No obvious explicit prohibition	"Don't sell, license, or purchase any data obtained from us or our services. Don't transfer any data that you receive from us (including anonymous, aggregate, or derived data) to any ad network, data broker or other advertising or monetization-related service. Don't put Facebook data in a search engine or directory, or include web search functionality on Facebook."	https://developers.facebook.com/docs/graph-api/using-graph-api/v2.0	NOT POSTS; user, page, event, group, place, location, placetopic		https://github.com/pythonforfacebook/facebook-sdk	https://developers.facebook.com/policy	