Let’s learn about returned headers. When rate limiting is enabled, by default every response will be sent with the following HTTP headers containing the current rate limiting information:

X-Rate-Limit-Limit: This is the maximum number of requests allowed within a time period

X-Rate-Limit-Remaining: This is the number of remaining requests in the current time period

X-Rate-Limit-Reset: This is the number of seconds to wait in order to get the maximum number of allowed requests

So, now try to exceed the limit, request the following URL more than five times per minute and you will see TooManyRequestsHttpExeption:

HTTP/1.1 429 Too Many Requests Date: Thu, 24 Sep 2015 01:37:24 GMT Server: Apache X-Powered-By: PHP/5.5.23

Set-Cookie: PHPSESSID=bb630ca8a641ef92bd210c0a936e3149; path=/; HttpOnly Expires: Thu, 19 Nov 1981 08:52:00 GMT

Cache-Control: no-store, no-cache, must-revalidate, post-check=0, pre-check=0

Pragma: no-cache

X-Rate-Limit-Limit: 5

X-Rate-Limit-Remaining: 0

X-Rate-Limit-Reset: 60

Content-Length: 131

Content-Type: application/json; charset=UTF-8 {"name":"Too Many Requests","message":"Rate limit

exceeded.","code":0,"status":429,"type":"yii\\web\\TooManyRequestsHttpException"}

See also

For further information, refer to the following URLs:

* [https://en.wikipedia.org/wiki/Leaky bucket](https://en.wikipedia.org/wiki/Leaky_bucket)
* <http://www.yiiframework.com/doc-2.0/guide-rest-rate-limiting.html>
* [httpy/www.yiiframework.com/doc-2.0/yii-filters-ratelimiter.html](http://www.yiiframework.com/doc-2.0/yii-filters-ratelimiter.html)