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How do I use the League of Legends API? What language do I need to know to make something that looks up summoner's like LoLKing or LoLNexus?

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3 ANSWERS



Paul Monk, On a little break
4 upvotes by Terry Drinkwater, Anonymous, Kewl Luser, and Yu Li

Before you can start using the API, you will need:

- A *League of Legends* account
- A Riot Games developer API key
- A web server (or web application container) where you can deploy and run code in a language that allows you to make web service requests (This is for building a web app, something that will run in any web browser. Native mobile apps are another story.)
- Some experience writing code in that language.

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LOL username and password at the Riot Games developer website ([Sign In - Riot Games API](#)). After you agree to the terms of use, you'll see your developer API key. Copy and paste it in a file somewhere. You'll need it to use the API.

The third and fourth points might be the bigger challenges if you have no coding experience. If you want to get a bit of a feel for what it's like without the hassle of trying to set up a development environment or a web server, go to <http://phpfiddle.org> , click the **CodeSpace** tab, and replace the existing code in the box with the following:

```
1 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "  
2 <html xmlns="http://www.w3.org/1999/xhtml">  
3 <head>  
4 <meta http-equiv="Content-Type" content="text/html; charset=UTF-  
5 <title>Summoner Spy</title>  
6 </head>  
7 <body>  
8     <h1>Summoner Spy</h1>  
9 <?php  
10     $apiKey = '***YOUR API KEY HERE***';  
11     $summonerName = 'lolnexus';  
12  
13     // get the basic summoner info  
14     $result = file_get_contents('https://na.api.pvp.net/api/  
15     $summoner = json_decode($result)->$summonerName;  
16     // var_dump($summoner);  
17 ?>  
18     <h3>  
19         
38 </body>
39 </html>
```

Change the *****YOUR API KEY HERE***** to the API key you got from the developer site. Then click **Run - F9**. You should see some information about the summoner named **lolnexus**.


If it worked, congratulations, you've just used a PHP script to call the League of Legends API!

If you didn't go cross-eyed looking at the code (and that's pretty bad code), you might be ready to get serious and create your own applications. Try out other languages. (Do a Google search for a language and the word "fiddle", for example "python fiddle" or "ruby fiddle".) See what works best for you. Then get yourself connected to the developer community of that language to learn more. Again, Google is your friend.

Thanks for the A2A.
Written 6 Oct, 2014. 2,988 views. Asked to answer by Anonymous.

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**Terry Drinkwater**, aka MathMage
2 upvotes by Quora User and Paul Monk

According to Riot Games' [Getting Started](#) guide to their API, querying the API (which you can do in many languages--the guide provides an example with cURL) returns a JSON object. Once you get the JSON objects, you can handle them however you want, in whatever language you want.

Making LoLKing or LoLNexus probably takes something typical like a Java frontend with HTML/CSS/JS formatting to make it look pretty. I don't know how they run their servers.

Written 5 Oct, 2014. 1,709 views. Asked to answer by Anonymous.

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**Anonymous**
1 upvote by Ali Badr

So you mean when you look up a summoner name and it returns the stats from the LoL API that is Java based? Or, am I wrong in understanding this.

Written 6 Oct, 2014. 1,316 views.

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