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| TOPIC/TITLE  API authentification and Postman | |
| Keywords/Questions  Authentification  Open weather example  Postman  JSON  Other format | Notes : |
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| The API owners use authentication to allow you to have access to some part of their database when it comes to monetization. |
| Every time you make a request throw their API they have to be able to identify yourself as a developer and they have to keep track of how often you’re using their server to get data and they charge you or limit you. |
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| Once you subscribed you can acces to api key you can use. |
| http://api.openweathermap.org/data/2.5/weather?q=Paris&units=metric&appid=af26474726e73e95e9724774b5ee28a6 |
| Remember endpoint in this one is /weather; First parameter is after a ? and for example it is the q (which in that case means which city). In order to use different parameters separate them with a &. |
| There is also a authentication key : appid=af26474726e73e95e9724774b5ee28a6. |
| It doesn’t matter the order of the parameter. |
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| To use Postman click on the plus near to Launchpad.  In order to test our API we use a tool call postman |
| It allows to easier write api parameters ans also when it’s done to have a more structure feedback because it’s using JSON format. |
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| Stands for JavaScript Object Notation (looks like remarquably like JavaScript objects) |
| We use JSON to past info through the internet because it’s readable by human and it can also be easily collapsed down to take up as little space as possible.. |
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| XML (extensable marked language), HTML but JSON is the most common and used format because it’s lighter and easily turned back into JS object. |
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