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| TOPIC/TITLE  Making get request with the node HTPPS Module | |
| Keywords/Questions  make get request to external server with node  HTTP – the Standard Library  JSON.parse | Notes : |
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| https://www.twilio.com/blog/2017/08/http-requests-in-node-js.html |
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| https.get(url[, options][, callback]) |
| Native way to get request from an external server (without installing a new package) |
| const https = require('https'); |
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| Use postman to get the url from the API you have to add at the beginning https:// |
| Https.get(‘https://api.openweathermap.org/data/2.5/weather?q=London&appid=af26474726e73e95e9724774b5ee28a6&units=metric’, |
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| You can write it directly in your HTTPPS.get or using a const in order to clarify your code |
| app.get("/", function (req, res){  const url = 'https://api.openweathermap.org/data/2.5/weather?q=London&appid=af26474726e73e95e9724774b5ee28a6&units=metric'  https.get(url, function (response){  console.log(response);  });  res.send('server is up and ready')  }); |
| In order to be more specific you can add to response.statusCode |
| console.log(response.statusCode); |
| It will return the status code |
| Is everything is fine. See https://developer.mozilla.org/fr/docs/Web/HTTP/Status |
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| https.get(url, function (response){  console.log(response.statusCode);  response.on('data', function(data){  console.log(data);  })  }); |
| We will have an hexadecimal response |
| You can go to the website criipti and traduce the response to text |
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| https.get(url, function (response){  console.log(response.statusCode);  response.on('data', function(data){  const weatherData = JSON.parse(data);  console.log(weatherData);  })  }); |
| It will transform the response answer to a readable JS |
| You can also write JSON.stringify to put an answer in line. |
| When you have to specify route in JSOn it can sometime be very long route and difficult to write in order to simplify that capy the api address you are using to chrome |
| https://api.openweathermap.org/data/2.5/weather?q=London&appid=af26474726e73e95e9724774b5ee28a6&units=metric |
| Then thanks to JSON viewer pro you can copy the path and use it in your code |
| weatherData.main.temp |
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