



# Enrollment Guide for **WLTP API Service**

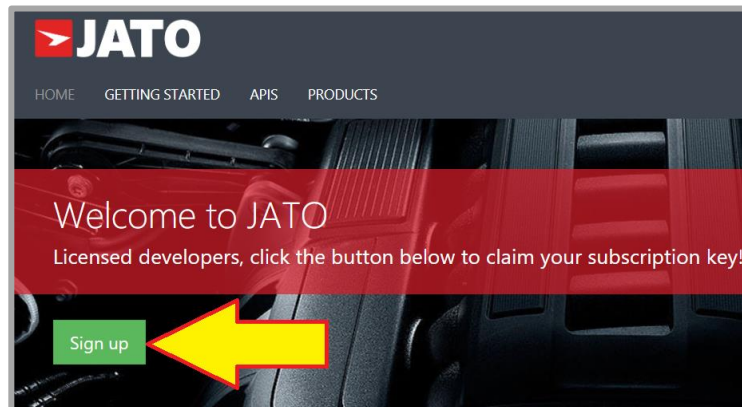
9 May 2019, Version 1.0

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# Registration and authentication for a new account

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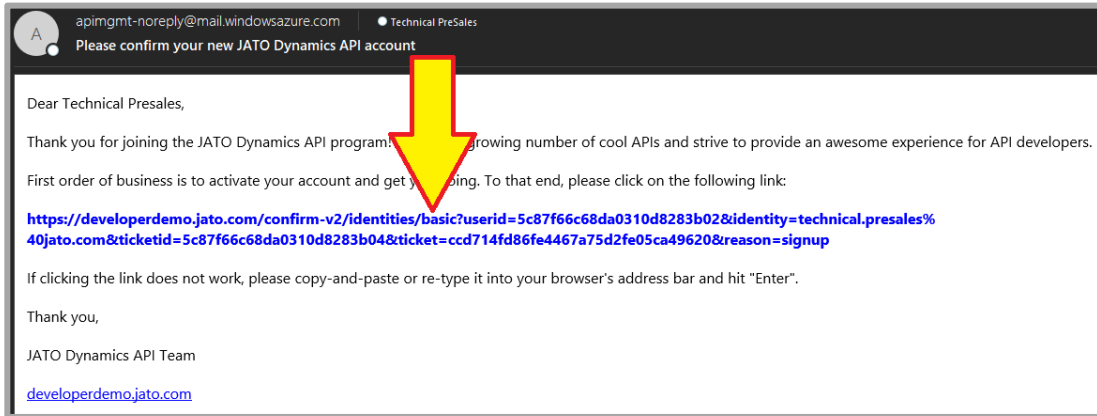
1. Navigate to the developer demo portal at the following URL:  
<https://developerdemo.jato.com/>
2. Click the green “Sign up” button



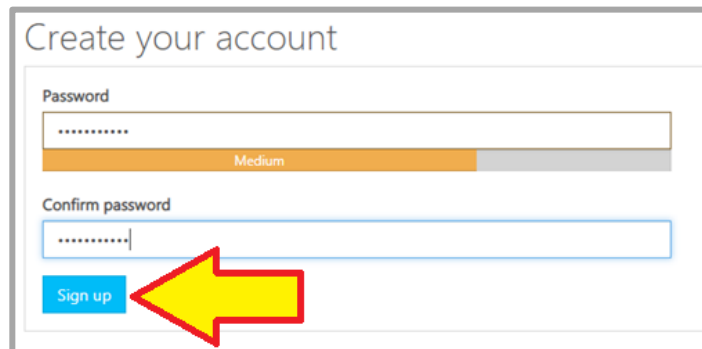
3. Complete all fields in the online form and verify the captcha
4. Click the blue “Sign up” button to receive a verification email at the address provided

5. Go to the inbox of the email address provided and look for a new message with subject “Please confirm your new JATO Dynamics API account”

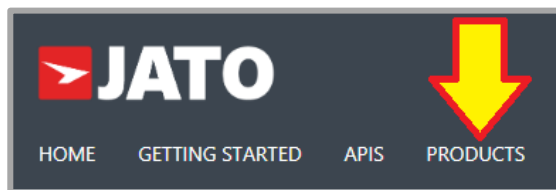
6. Click on the URL in the body of the email



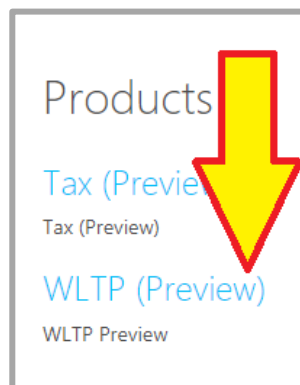
7. Enter the password you used to sign up and click the blue “Sign up” button



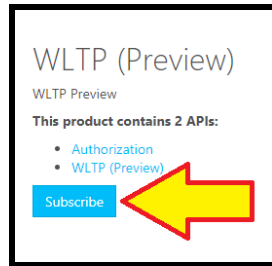
8. Go to the “Products” header



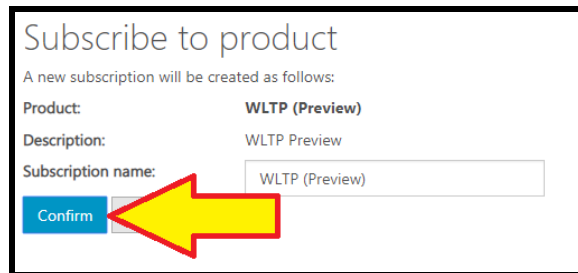
9. Click on “WLTP (Preview)”



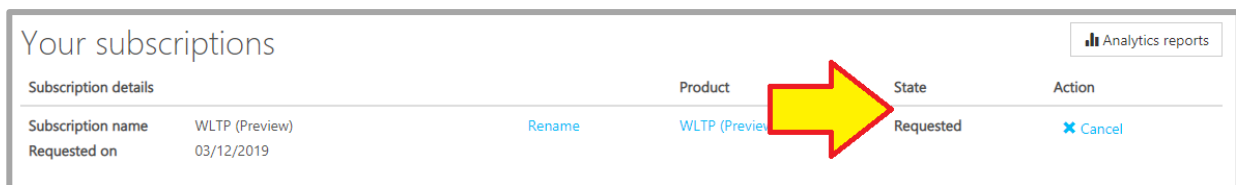
10. Click the blue “Subscribe” button



11. Click the “Confirm” button



12. Your subscription state should not show as “Requested”



13. Once approved, an automated email will be sent to the address provided, including a username and password issued by the JATO sales admin (these will not be the same as the User credentials used to Sign Up to the Service)

a. If not received, please contact your JATO sales representative

14. Your subscription state should not show as “Active” and you will have your primary and secondary subscription keys within the service



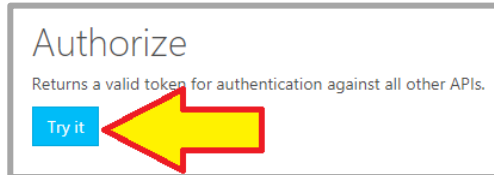
15. Go to the “APIs” header



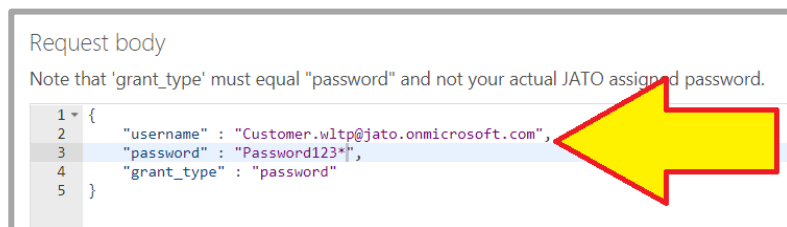
16. Click on “Authorization”



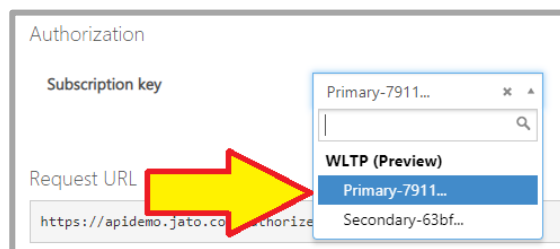
17. Click the “Try it” button



18. Enter the WLTP username and password received from the JATO sales admin in the request approval email in the JSON body



19. Select the primary subscription key in the dropdown below the Request body box



20. Click the blue “Send” button at the bottom of the page

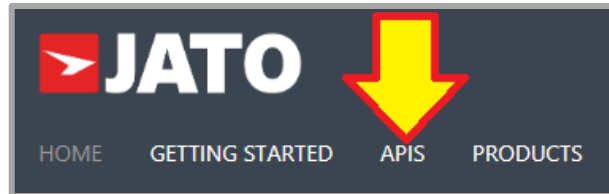


21. At this point, your subscription authentication is completed

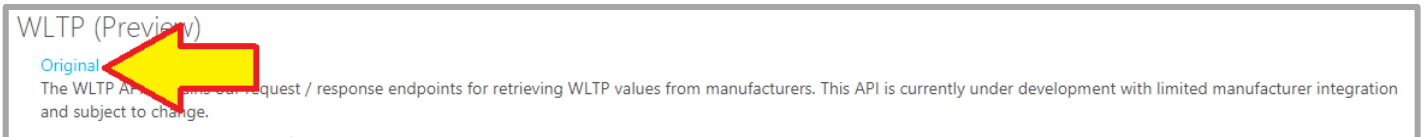
- a. Note: If at any point an authentication pop-up appears on screen, then you must enter the JATO sales admin supplied username and password to sign in

# Making your first test call

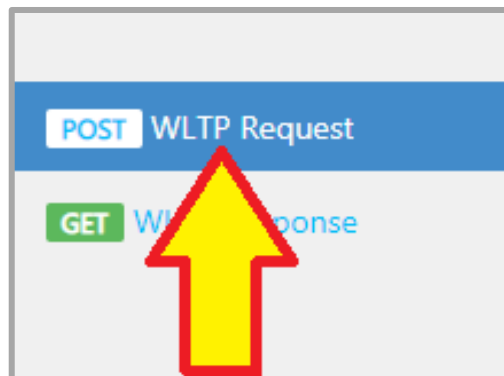
## 1. Go to the “APIs” header



## 2. Click on “Original”



## 3. Click on “WLTP Request”



## 4. Scroll down to window with the OEM example requests

## 5. Choose a brand header from the JSON window and copy a single JSON body from “{“ to “}” in the examples provided



## 6. Scroll back up and click on the “Try it” button

### WLTP Request

The WLTP service implements a service bus which directs incoming requests to a queue for first-in first-out (FIFO) processing. Once the request is sent using this endpoint, the service will respond with a unique url used to obtain the output after it has been processed.

[Try it](#)

## 7. Scroll down to the “Request” box

## 8. Enter the copied JSON body

- Note:** The request body is visible in the bottom of the window, including the “POST” address

```
The following OEM requests are meant to be used as is.
```

```
1 {
2   "CountryCode": "D",
3   "Make": "BMW",
4   "Model": "3 Series",
5   "ModelYearFraction": "NA",
6   "ManufacturerCode": "8F91",
7   "ModelYear": "2018",
8   "Date": 20181019,
9   "ExteriorColourCode": "P0300",
10  "InteriorTrimCode": "FLCNL",
11  "OptionCodes": ["S021B", "S07B3"],
12  "JatoUid": 123456,
13  "JatoDataDate": 20180820
14 }
```

## 9. Select Authorization code in the dropdown

## 10. Select the Primary subscription key in the next dropdown

Authorization

JATO Authorization  Access token expires on: 03/12/2019 5:03 PM

Subscription key

## 11. Click the blue “Send” button

```
ModelYear: 2018,
Date: 20181019,
ExteriorColourCode: "P0300",
InteriorTrimCode: "FLCNL",
OptionCodes: ["S021B", "S07B3"],
JatoUid: 123456,
JatoDataDate: 20180820
}
```

[Send](#)

## 12. Copy the RequestID starting after the “wltpl/” in the response URL

- Note:** do not include the quotation marks at the end of the URL

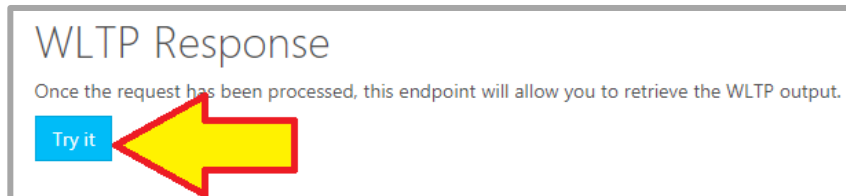
```
Response content
Pragma: no-cache
Cache-Control: no-cache
Date: Tue, 12 Mar 2019 20:10:24 GMT
X-Powered-By: ASP.NET
Content-Length: 118
Content-Type: application/json; charset=utf-8
Expires: -1

"https://apidemo.jato.com/wltpl/8BF9NzEqQsMRW1L4zyzYXTEALy4ZrfeaU11pNFV+tE2BRE=30134yw35u07AsdC013oeV6807NU-pSLUsxfqur"
```

13. Scroll back to the top of the screen and select “WLTP Response”

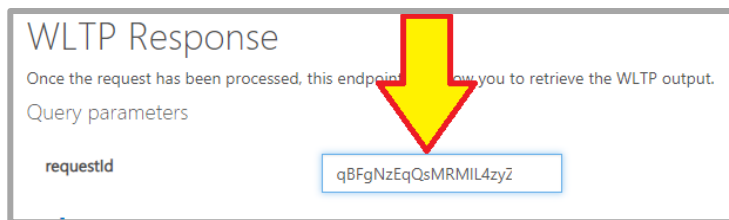


14. Click the blue “Try it” button



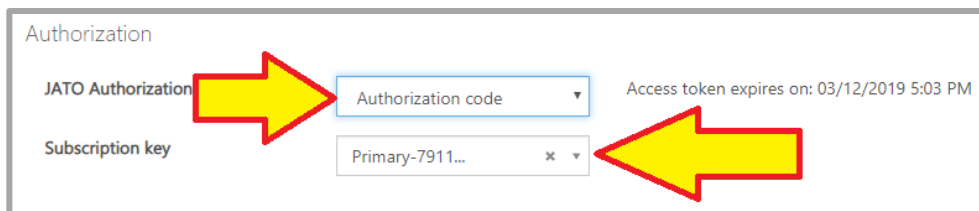
15. Paste the copied RequestID into the appropriate field at the top of the screen

a. *Note:* The request body is visible in the bottom of the window, including the “GET” address

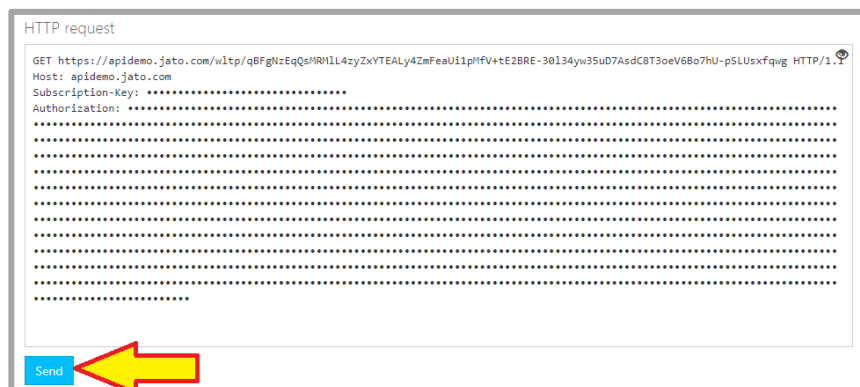


16. Select Authorization code in the dropdown

17. Select the Primary subscription key in the next dropdown



18. Click the blue “Send” button





19. You should then see the response status and response content pop up in the window

20. The response content will show the WLTP values for the RequestID provided

Response status

200 OK

Response latency

208 ms

Response content

```
Pragma: no-cache
Cache-Control: no-cache
Date: Tue, 12 Mar 2019 20:46:35 GMT
X-Powered-By: ASP.NET
Content-Length: 2052
Content-Type: application/hal+json; charset=utf-8
Expires: -1

{
  "_links": {
    "self": {
      "href": "https://apidemo.jato.com/wltp/qBFgNzEqQsMRM1L4zyZxYTEALy4ZmFeaUi1pMfV+tE2BRE-30134yw35uD7AsdC8T3oeV6Bo7hU-pSLUsxfqwg"
    }
  },
  "id": "qBFgNzEqQsMRM1L4zyZxYTEALy4ZmFeaUi1pMfV+tE2BRE-30134yw35uD7AsdC8T3oeV6Bo7hU-pSLUsxfqwg",
  "date": "3/12/2019 8:46:35 PM",
  "wltpValues": [{
    "fuelType": {
      "schemaId": 8702,
      "value": "NA"
    },
    "emissions": [{
      "testingType": {
        "schemaId": 62202,
        "value": "I"
      },
      "individualVehicle": {
        "combined": {
          "schemaId": 62203,
          "value": 150
        },
        "low": {
          "schemaId": 62206,
          "value": 178
        },
        "medium": {
          "schemaId": 62209,
          "value": 151
        },
        "high": {
          "schemaId": 62212,
          "value": 135
        }
      }
    }
  ]
}
```



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