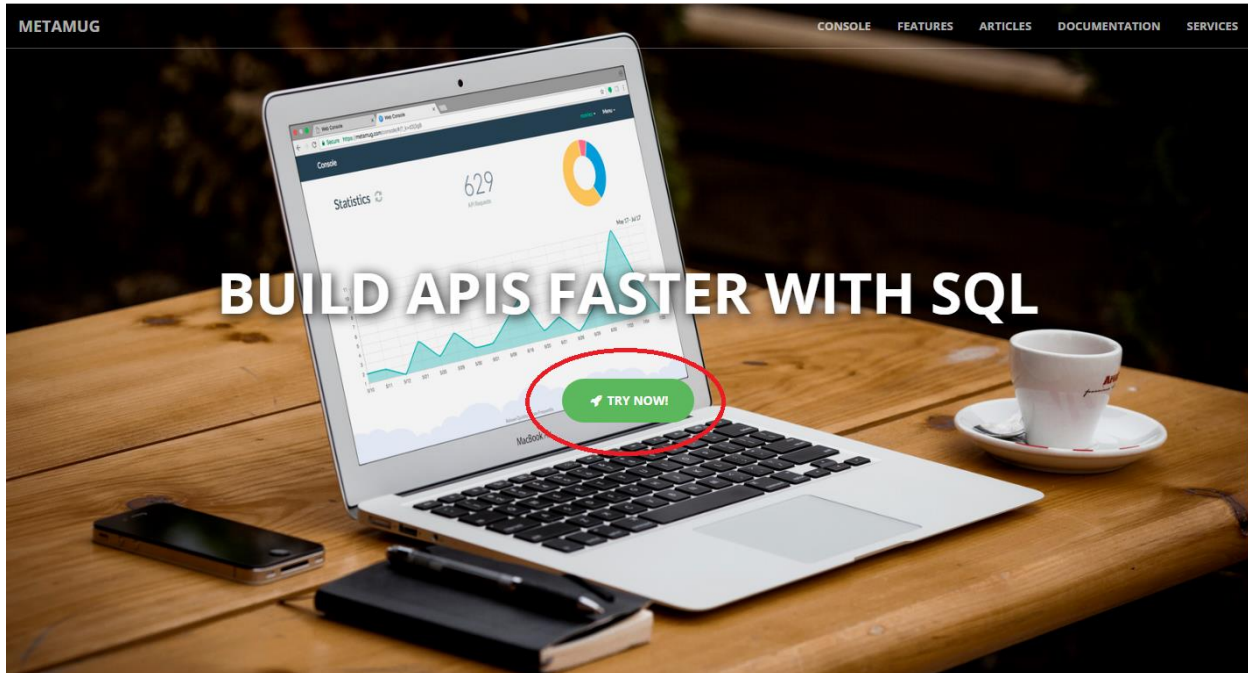


HOW TO USE METAMUG API:

Step 1: Open your browser and type in <https://metamug.com>, which is our homepage.


Step 2: Once on the homepage you can click on this button which will lead you to the console (where you can edit resource files and select a backend, don't worry we'll cover that in points stated ahead)




OR you can just use this link to access the console. <https://metamug.com/console>

Step 3: Once you are at the console, you are required to register if you are a new user or login if you are a recurring user.

Console Login

 This console enables users to create, update and access relevant information about their REST APIs built using Metamug App Backend.

[Learn more »](#) [Register](#) 

*Learn more will lead you to the Docs about our backend. If you want to see the geeky stuffs.

Register as a new user, and confirm with your E-mail ID. Confirming is optional.


Console Login

Please fill the following fields. All fields are mandatory.

Name

Email

Password

Confirm Password
 

I accept the [Terms and Conditions](#)

[Register](#)

Login with the correct username and password.

Console

Login

Do not have an account yet? Click [here](#) to register

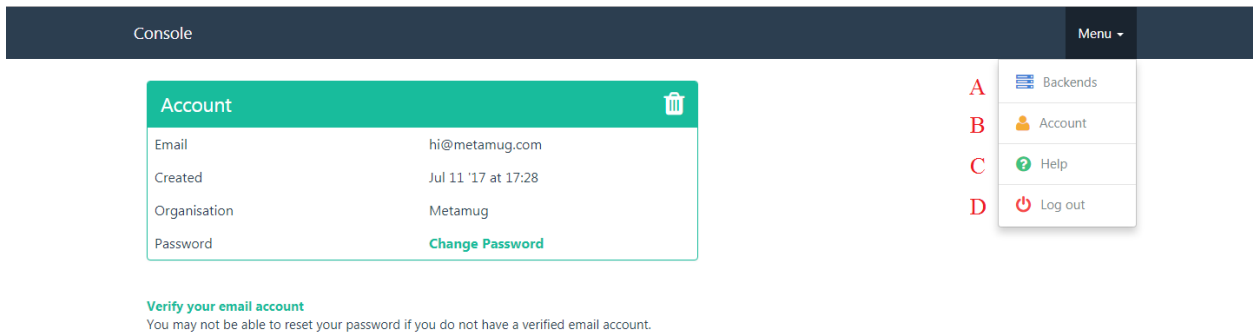
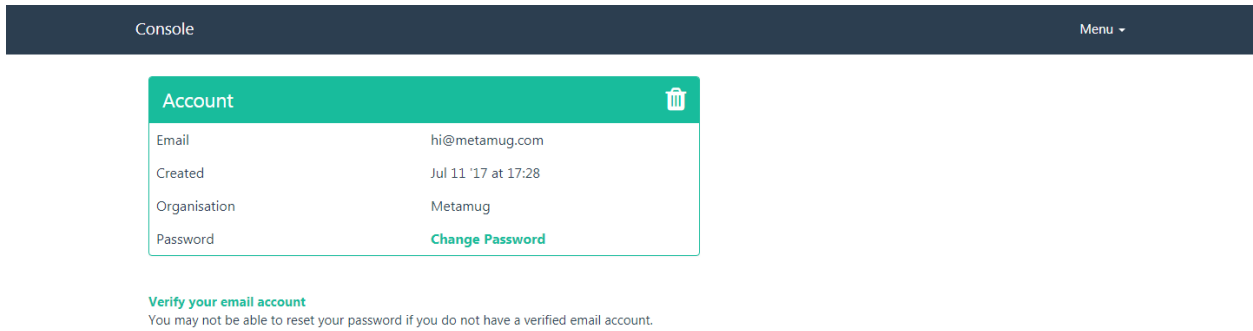
Email

Password

[Forgot password?](#)

Login

Step 4: Once you have successfully logged in, you will be able to see a screen like this.

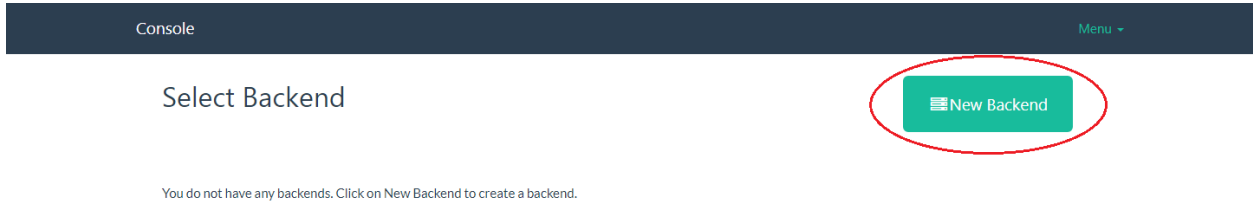


If you click on the menu you will be able to see a few options.

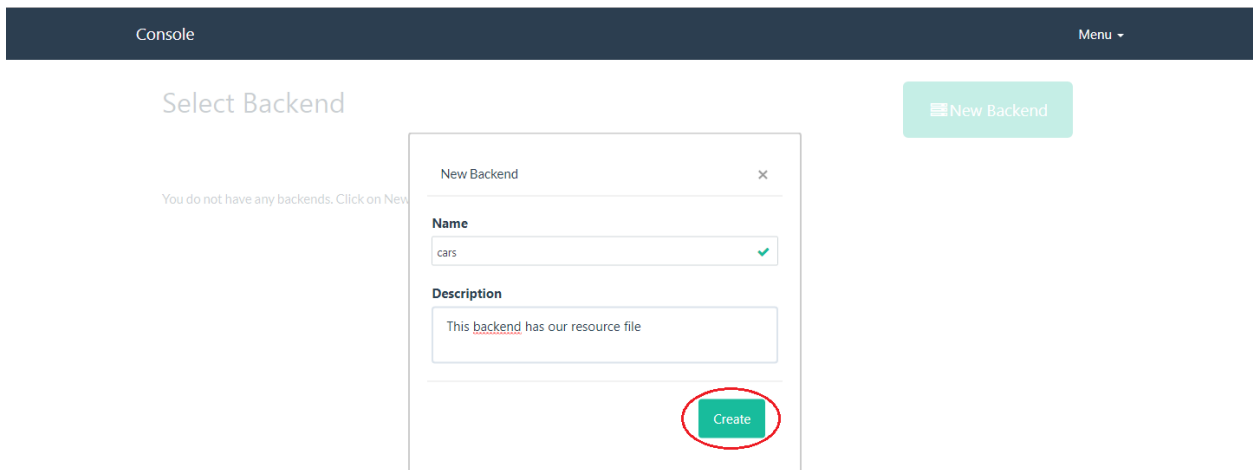
- A- See backends.
- B- Account information.
- C- Help, queries, feedback, etc. can be sent through this page.
- D- Log out and end session.

Step 5: Moving on with creating our backend, a backend is needed for our resource file. A resource file holds all the queries that a user can design as per their need.

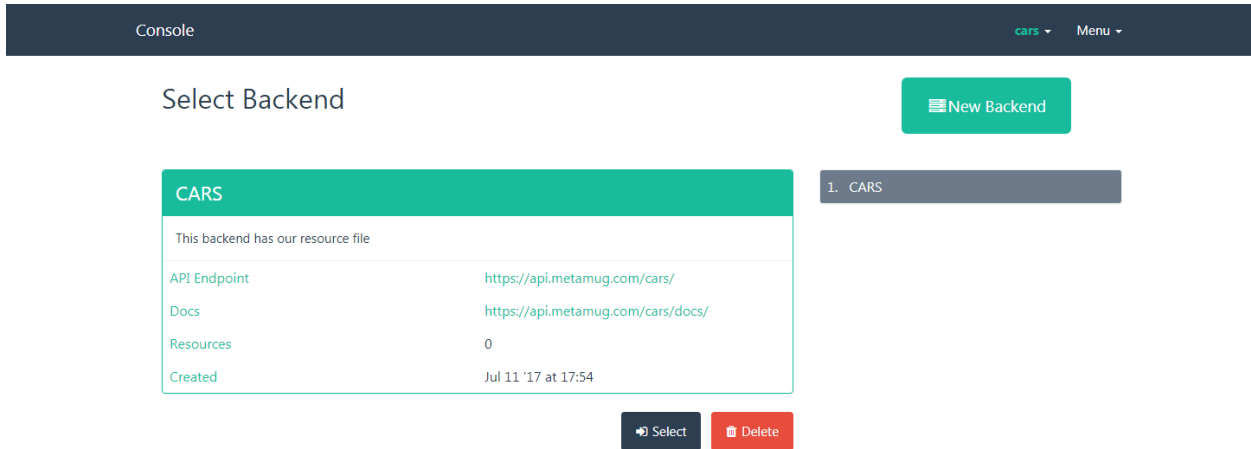
A new user that has no backends created earlier will have a page like this.



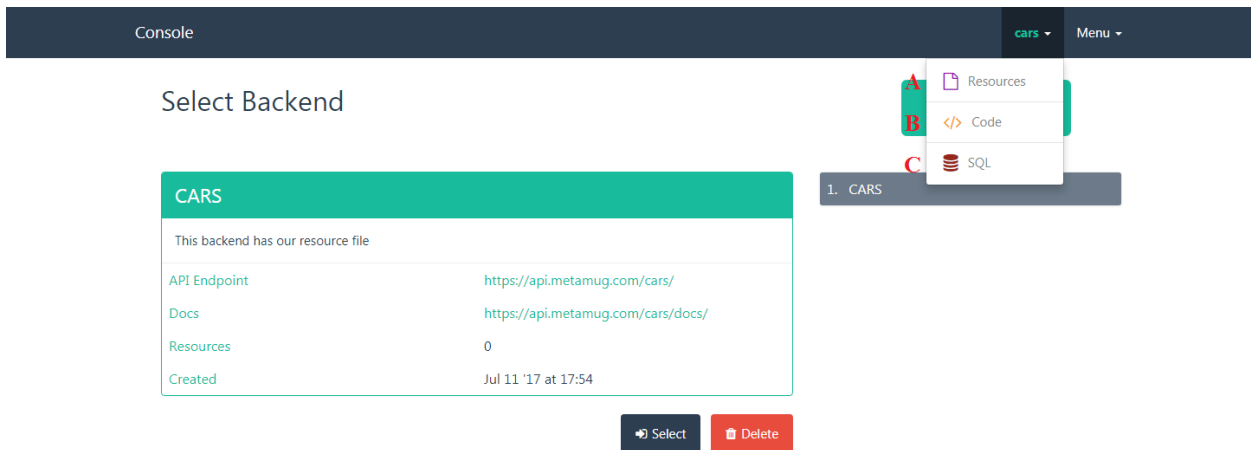
By clicking on New Backend button you can create a new backend.



Then you can select the backend that you just created.



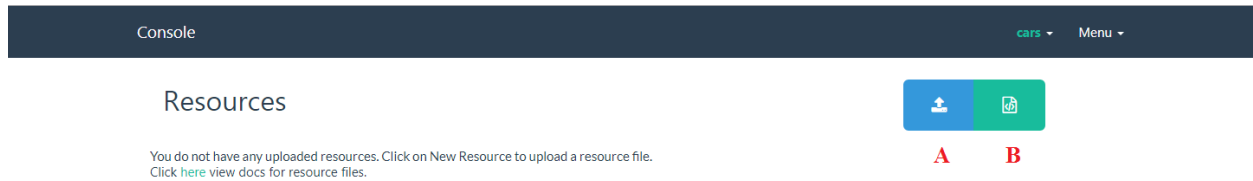
Step 6: Now that we have a backend in place we can create our resource.xml file.



You can click on your backend and see the options

- A- Resource file(s).
- B- Code.
- C- SQL Editor.

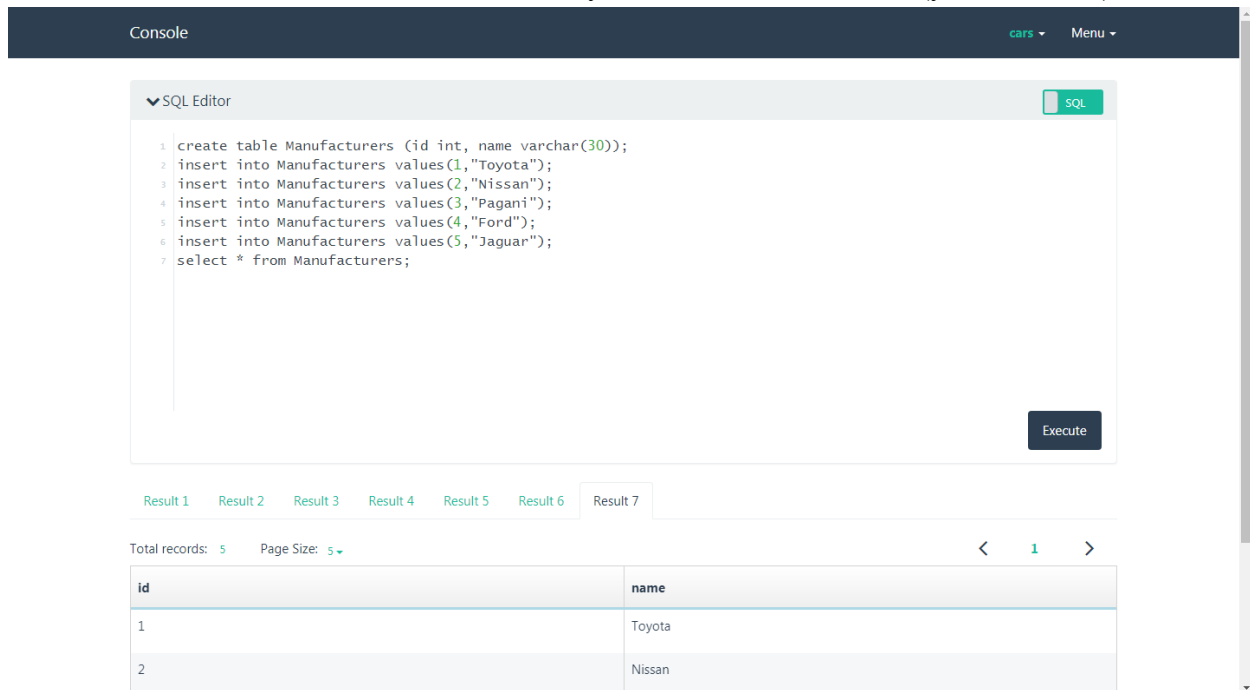
Click on Resrouces.



If you have not created any resource file yet, you'll see a screen like this. There are two options available here.

- A- Upload an XML file.
- B- Create an XML file.

Before we go any further with creating and using a resource file we need to create a table in the Database to use it with our resource. For that you need to click on “cars(your backend)->SQL”

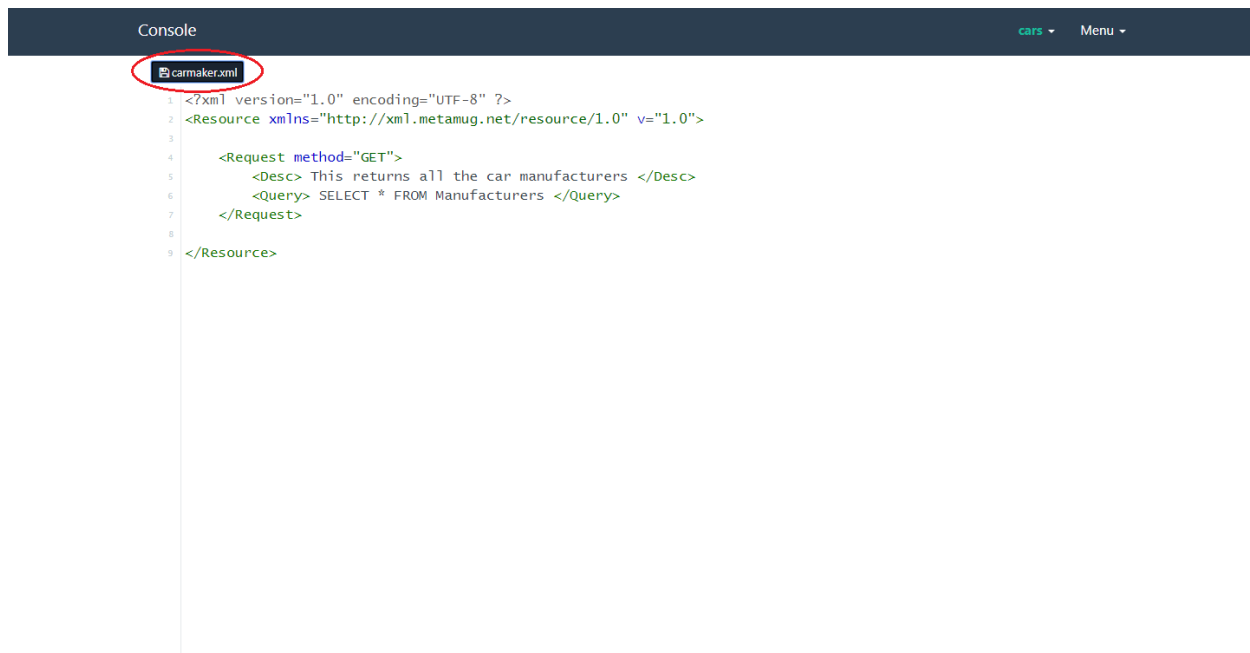


```
1 create table Manufacturers (id int, name varchar(30));
2 insert into Manufacturers values(1,"Toyota");
3 insert into Manufacturers values(2,"Nissan");
4 insert into Manufacturers values(3,"Pagani");
5 insert into Manufacturers values(4,"Ford");
6 insert into Manufacturers values(5,"Jaguar");
7 select * from Manufacturers;
```

id	name
1	Toyota
2	Nissan

Now we can create our resource file and use the Manufacturers table (your defined table).

Now to create XML click on “cars(your backend)->Resources” then click on Create an XML file.

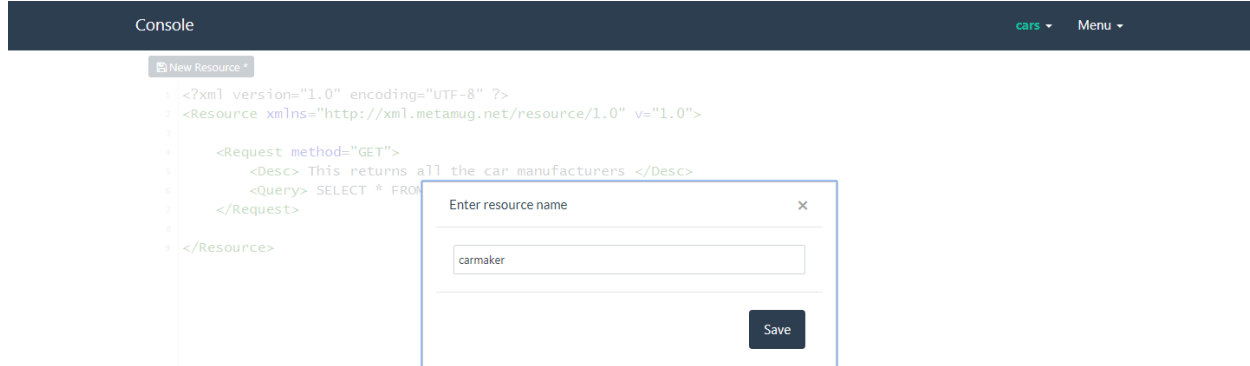


```
1 <?xml version="1.0" encoding="UTF-8" ?>
2 <Resource xmlns="http://xml.metamug.net/resource/1.0" v="1.0">
3
4   <Request method="GET">
5     <Desc> This returns all the car manufacturers </Desc>
6     <Query> SELECT * FROM Manufacturers </Query>
7   </Request>
8
9 </Resource>
```


The Request tag's method attribute defines which type of Request it is, "GET" in this case. You can learn more about RESTful methods and other attributes supported in our XML.

<https://metamug.com/docs/>

Once done you need to save your XML.






The screenshot shows a web application interface with a dark header bar. On the left, a 'Console' tab is active, displaying XML code. On the right, a 'New Resource' dialog box is open, prompting the user to enter a resource name. The dialog box has a title bar with a close button, a text input field containing 'carmaker', and a 'Save' button.

```
<?xml version="1.0" encoding="UTF-8" ?>
<Resource xmlns="http://xml.metamug.net/resource/1.0" v="1.0">
  <Request method="GET">
    <Desc> This returns all the car manufacturers </Desc>
    <Query> SELECT * FROM
  </Request>
</Resource>
```

Enter resource name Save

Step 7: Now you can make a request using the resource “Version” and the resource “Name” or by just copying the “Endpoint”.



Name	Version	Endpoint	Last Modified	Options
carmaker	v1.0	/v1.0/carmaker	Jul 11 '17 at 18:38	 

For example:

Request- <https://api.metamug.com/cars/v1.0/carmaker> *(you can use this URL with a rest client)

Response-

```
[{"name":"Toyota","id":1}, {"name":"Nissan","id":2}, {"name":"Pagani","id":3}, {"name":"Ford","id":4}, {"name":"Jaguar","id":5}]
```

Contact us: sukhinder.mann@metamug.com, hi@metamug.com .