

API Publishing : Consume APIs

Duration : 20 mins

Persona : Developer

Use case

As an App Developer you would like to learn about APIs exposed by the API Team using API Documentation. Register in API Program to get access to the APIs exposed by the API Team.

How can Apigee Edge help?

Apigee Edge has out of the box lightweight Developer Portal which allows API Team to publish API Documentation & as an App Developer you can self register onto API Platform. Once logged in, you can create Apps to get API Keys using which you can access APIs securely.

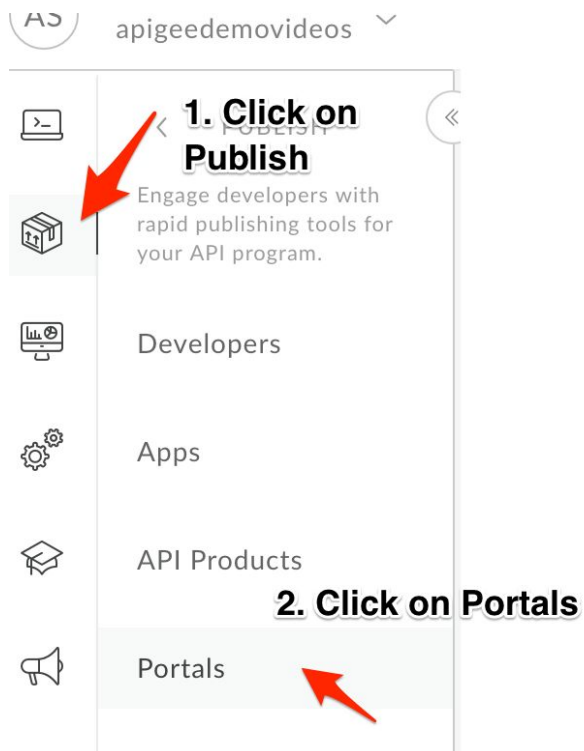
In this lab, we will see how to register as an App Developer, navigate through API documentation, create app in the Developer Portal to access API keys, test the APIs using the keys we got from Developer Portal.

Pre-requisites

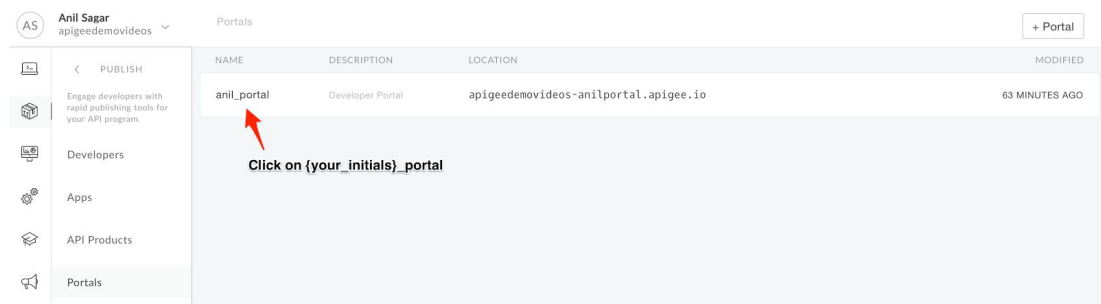
Secure APIs with API Keys, Publishing API Documentation lab exercises. If not, jump back to “Secure APIs with API Keys” lab.

Instructions

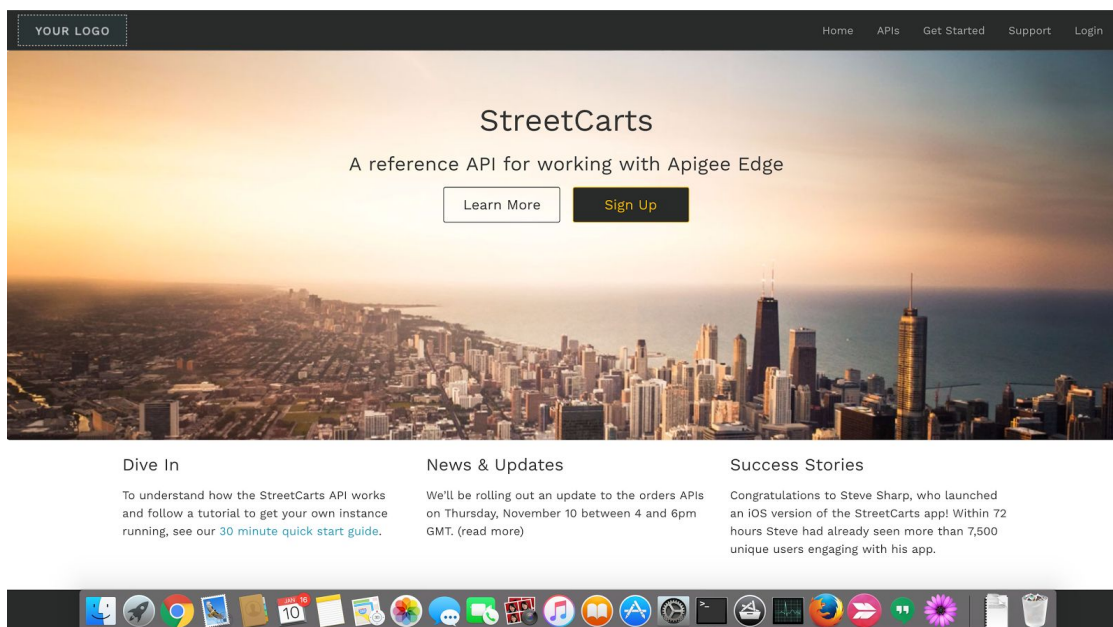
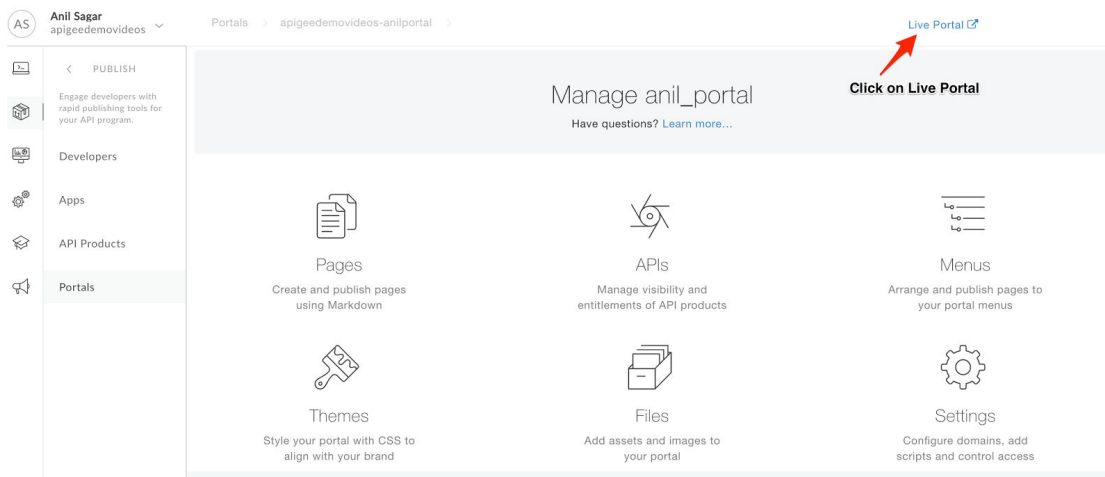
- Go to <https://apigee.com/edge> and log in. This is the Edge management UI.
- Select **Publish** → **Portals** in the side navigation menu



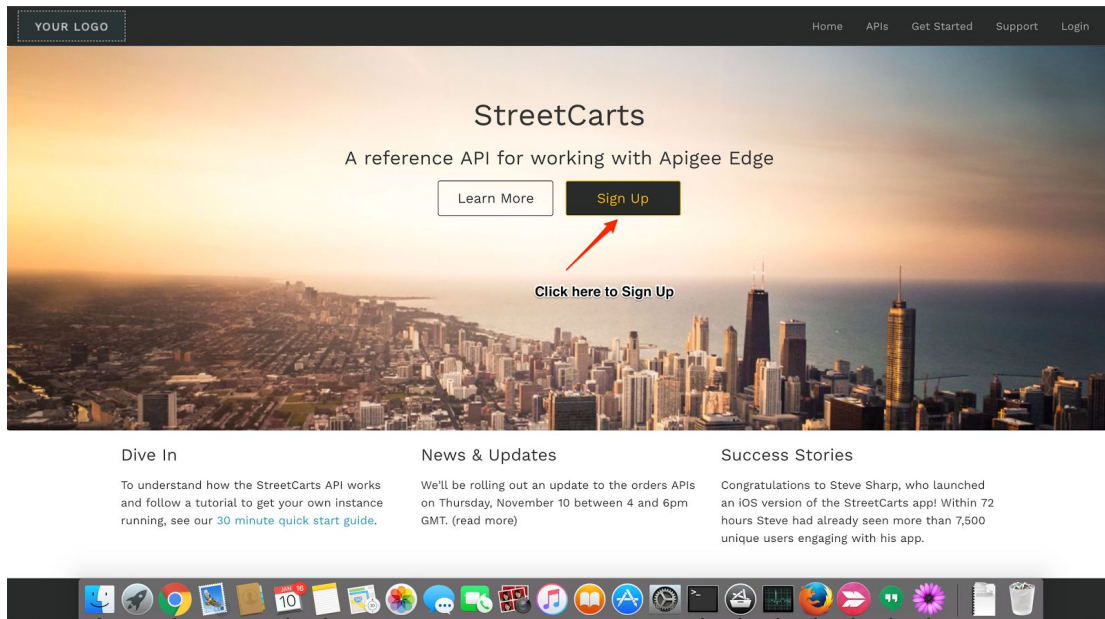
- Click on **{your_initials}_portal** that you have created in earlier lab exercise.



- Click on **Live Portal** link to access Developer Portal to start interacting as Developer persona.

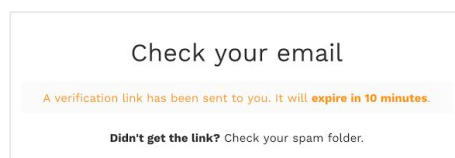


- In this lab, we will play the role of App Developer who would like to access the APIs and API Documentation.
- Let's register as an App Developer by clicking on **Sign Up** link on home page.

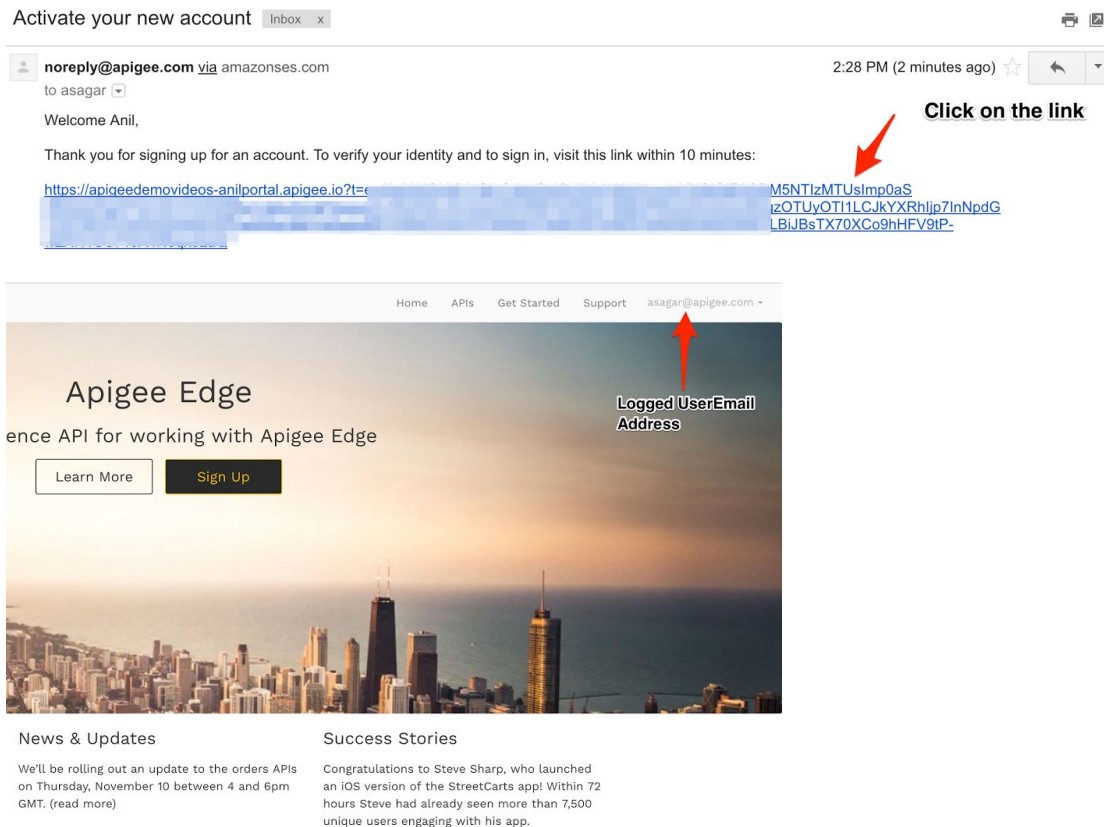


- Fill the details, Click on **Create**

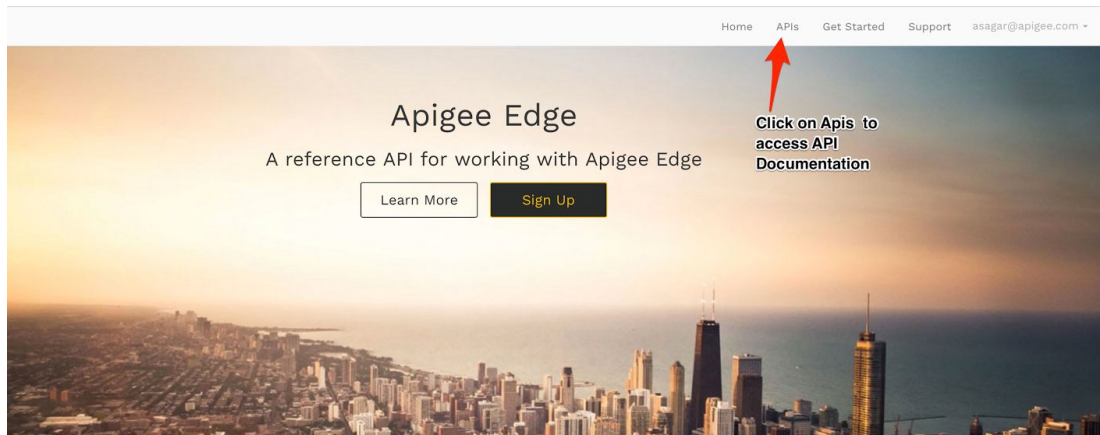
- You will notice a message that says, **Check your Email** , Check your inbox for verification link.



- Click on verification link in your inbox to login in as App Developer into Apigee Developer Portal. Notice your email address in developer portal menu link that indicates that you are logged in.



- Click on **APIs** link in top menu and then click on **{your_initials} Employee API Product** category to access API Documentation.



Dive In

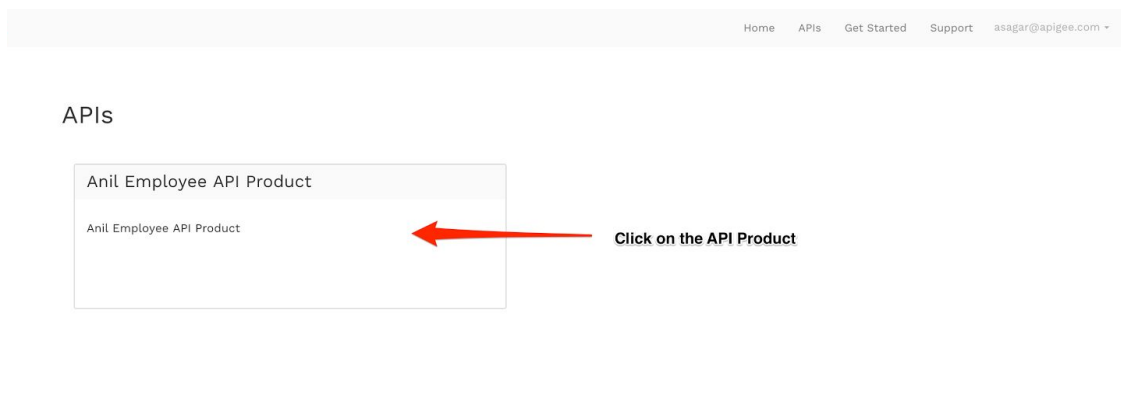
To understand how the StreetCarts API works and follow a tutorial to get your own instance running, see our [30 minute quick start guide](#).

News & Updates

We'll be rolling out an update to the orders APIs on Thursday, November 10 between 4 and 6pm GMT. ([read more](#))

Success Stories

Congratulations to Steve Sharp, who launched an iOS version of the StreetCarts app! Within 72 hours Steve had already seen more than 7,500 unique users engaging with his app.



- Go through API Documentation and understand the API Request and Response.

Home APIs Get Started Support asagar@apigee.com

Employees API

Created by Apigee
[Contact the developer](#)
 Apache 2.0

default **API Resource Path** [Show/Hide](#) [List Operations](#) [Expand Operations](#) **Expand link for more details**

API http verb	API Resource Path	API Description
GET	/	Get all Employees
POST	/	Create a new Employee
DELETE	/[employee-uuid]	Delete an Employee with given UUID
GET	/[employee-uuid]	Get an Employee with given UUID.
PUT	/[employee-uuid]	Update an Employee with given UUID

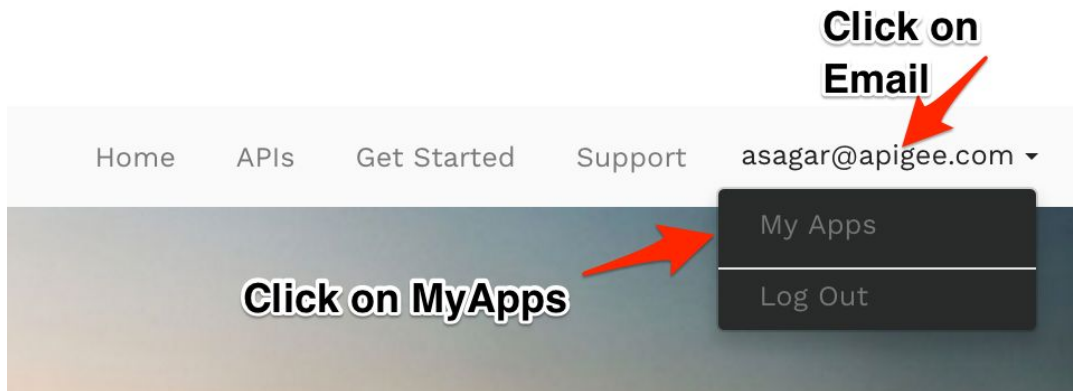
[BASE URL: /v1/employees , API VERSION: 1.0.0]

API BasePath

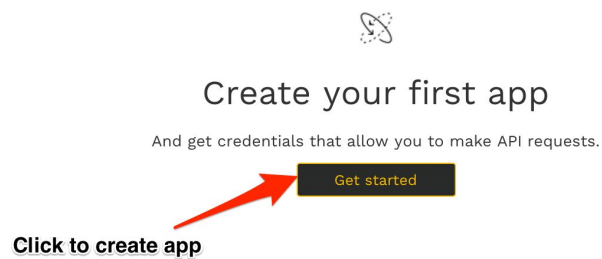
- Let's create a Developer App.

Typically, developers who want to consume APIs go to developer portal and register to use them. When registering, the developer gets to select which of API products he or she wishes to use. For example, some products may be offered for free, while others require payment depending on a service plan. Upon completion, this registration step produces an Edge entity called a **developer app**. A developer app includes the products the developer selected and a set of API keys that the developer will be required to use to access the APIs that are associated with those products.

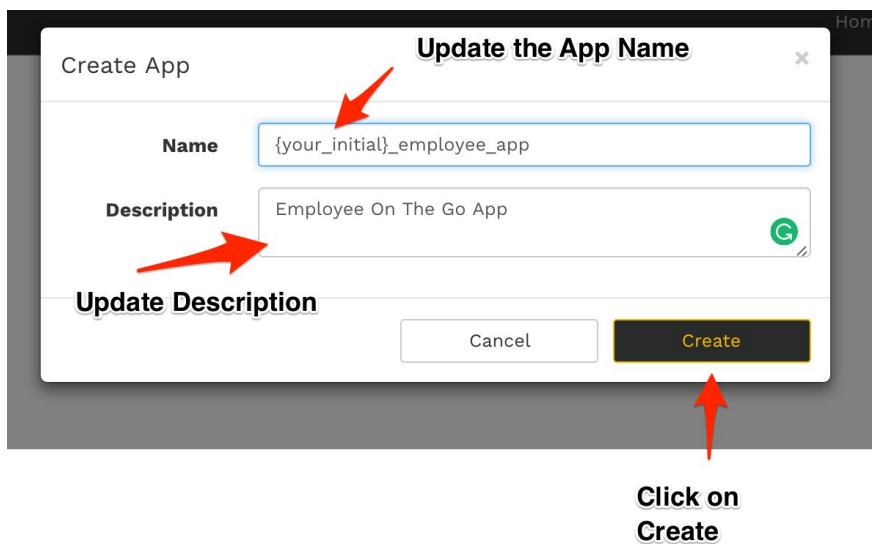
- To Create an App, Click on **Email Address** & then **My Apps** in top menu bar.



- Click on **Get Started** to create an App.




- Update App Name & Description. Click on **Create** button to create a new App.



- Click on **{your_initial}-employee-app** to access App Details.

My Apps + App

NAME	DESCRIPTION	CREATED
 anil-employee-app	Employee On The Go App	2017-01-09

Click to see App Details

- Let's add API Product to app before we use API keys, Click on **Manage Products** to add API Product to the App that we have created.

Details

Name anil_employee_app

Description Employee On The Go App **Click on Manage Products**

Created 2017-01-09

Which API Product(s) will your app use? **Manage Products**

- Choose {your_initials} Employee API Product & flip **Access** switch to **ON** and then click on **Save** to add API Product to the App.

Manage Products Turn Access to On

Choose the product(s) to use in your app.


PRODUCT	DESCRIPTION	RIGHTS	ACCESS
Anil Employee API Product	Anil Employee API Product	Allowed	<input type="checkbox"/> OFF

Choose {Your_Initials} Employee API Product

Cancel Save

Click Save

- *Congratulations, You have successfully generated API key which can be used to make secured API Calls.*


anil_employee_app
APP ID: 34ba2764-0d4c-4cf8-ac70-7fb7f77fbe14
back to my apps delete

Details

Name
anil_employee_app

Description
Employee On The Go App


Created
2017-01-09


PRODUCT
DESCRIPTION

anil_Employee API Product
anil_Employee API Product

Security

KEY
STATUS
CREATED
EXPIRES


50
[View Secret](#)
approved
2017-01-09
never


Copy the Key

Save Changes
Cancel

Save App Changes

Lab Video

If you like to learn by watching, here is a short video on consuming APIs using Apigee Developer Portal <https://youtu.be/nCJwIVF6waw>

Earn Extra-points

Now that you have Registered in Developer Portal, Created App, Read API Documentation, Explore more by making an API call using keys generated above.

Quiz

1. When you create an APP, What are the different keys associated with it ?
2. Is it possible to create different Apps with same App Name ?
3. Is it possible to associate multiple API Products with same App ?

Summary

That completes this hands-on lesson. In this simple lab you learned how to self register as a Developer to access APIs, Create Apps, Access API Keys, Navigate through API Documentation.

References

- Useful Apigee documentation links on Apigee Developer Portal.
 - Apigee Developer Portal , <https://docs-new.apigee.com/portal>

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