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.
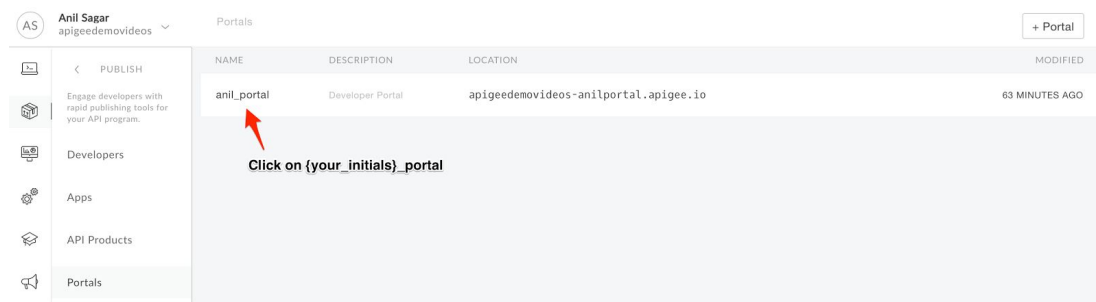
Pre-requisites

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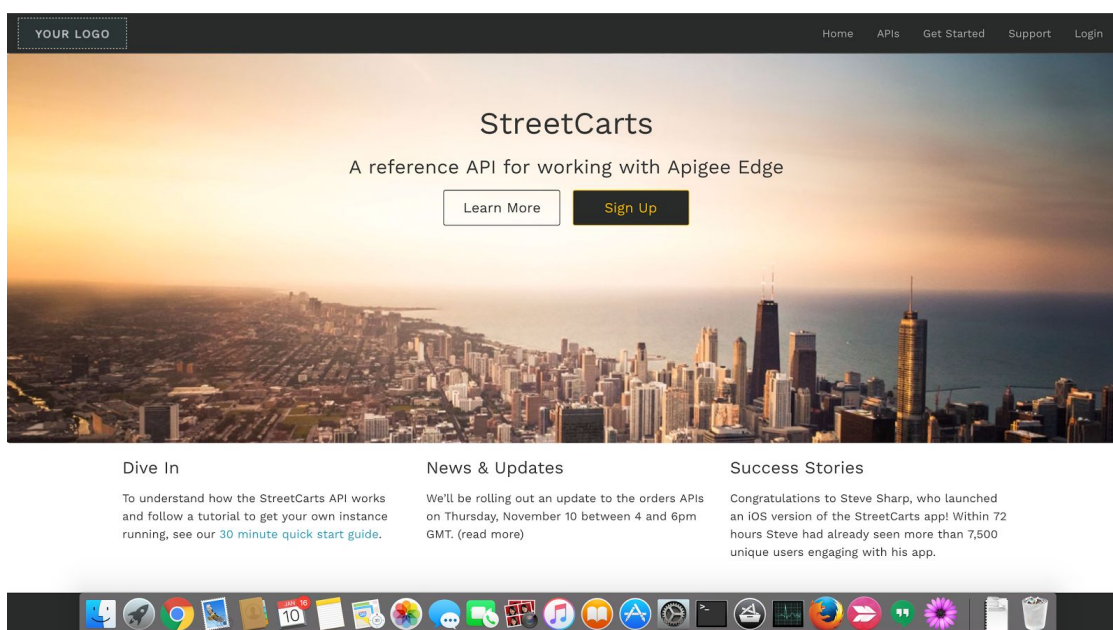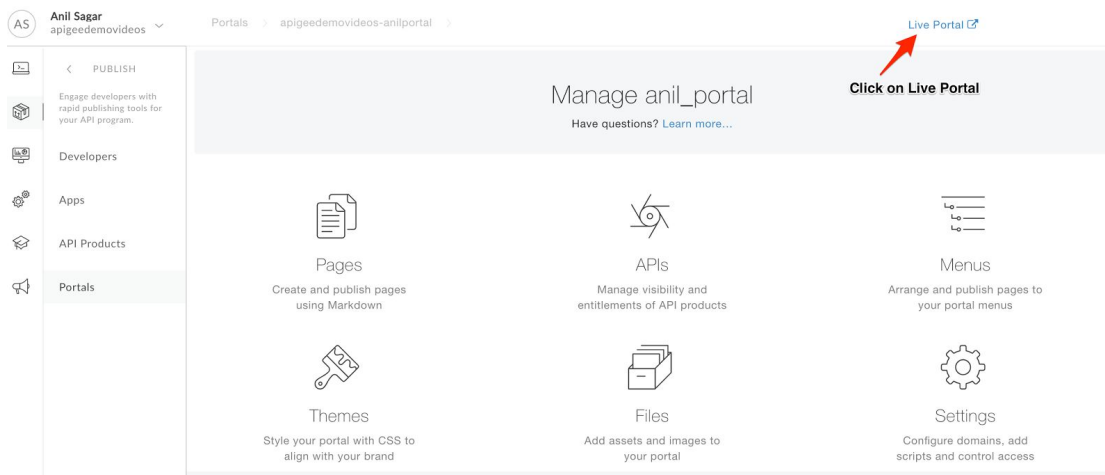
Instructions

- Go to https://apigee.com/edge and log in. This is the Edge management UI.
- Select **Publish** → **Portals** in the side navigation menu
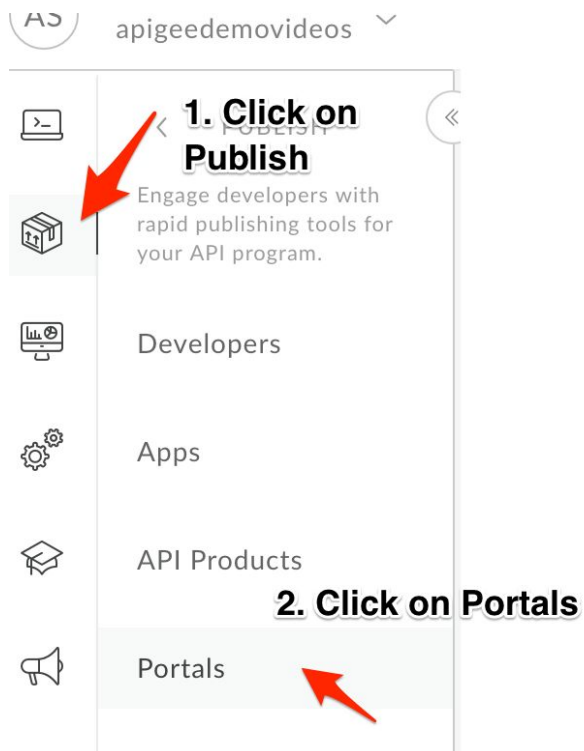
- Click on **{your_initials}_portal** that you have created in earlier lab exercise.

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

Anil Sagar
apigeedemovideos

Portals > apigeedemovideos-anilportal >

Live Portal

PUBLISH

Engage developers with rapid publishing tools for your API program.

Developers

Apps

API Products

Portals

Manage anil_portal

Have questions? Learn more...

Click on Live Portal

Pages
Create and publish pages using Markdown

APIs
Manage visibility and entitlements of API products

Menus
Arrange and publish pages to your portal menus

Themes
Style your portal with CSS to align with your brand

Files
Add assets and images to your portal

Settings
Configure domains, add scripts and control access

YOUR LOGO

Home   APIs   Get Started   Support   Login

StreetCarts

A reference API for working with Apigee Edge

Learn More   Sign Up

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.
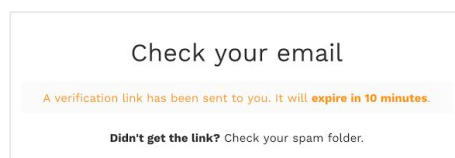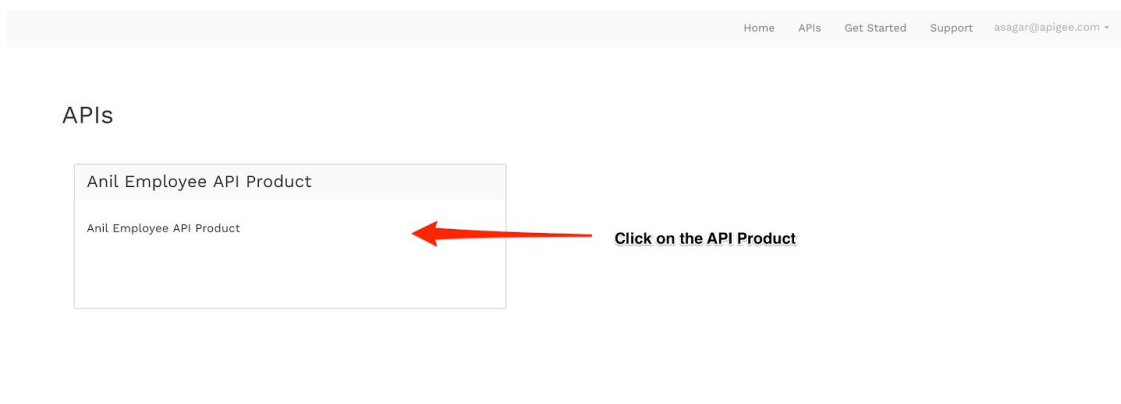

- In this lab, we will play the role of App Developer who would like to access the APIs and API Documentation.
- Let's register as an App Developer by clicking on **Sign Up** link on home page.
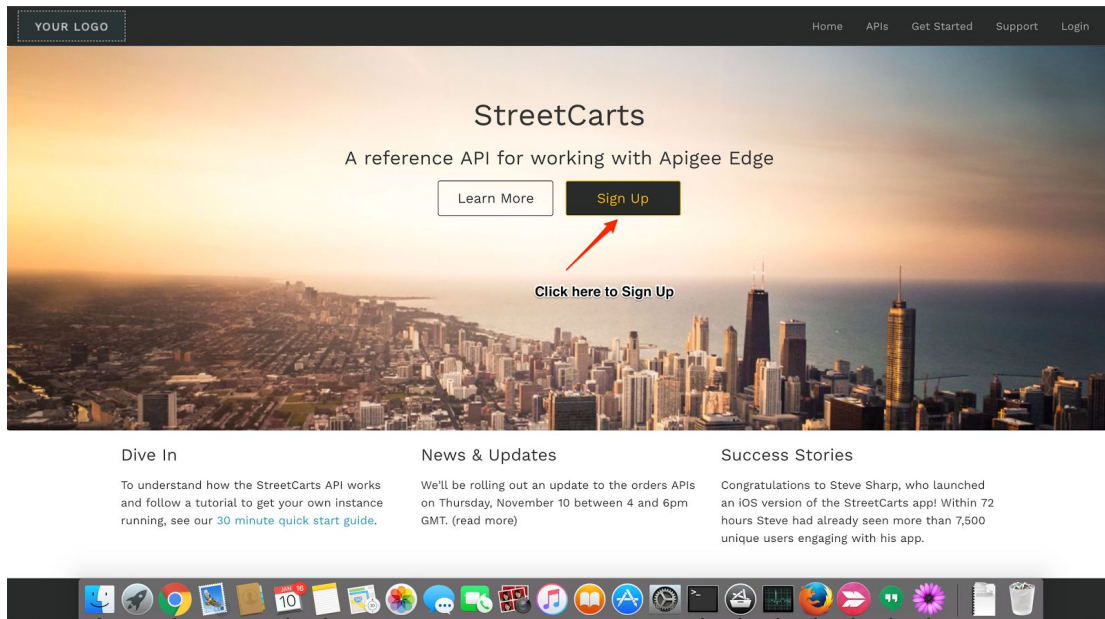
- Fill the details, Click on **Create**

- 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.

Apigee Edge

A reference API for working with Apigee Edge

Learn More   Sign Up

Click on Apis to access API Documentation

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APIs

Anil Employee API Product

Anil Employee API Product

Click on the API Product

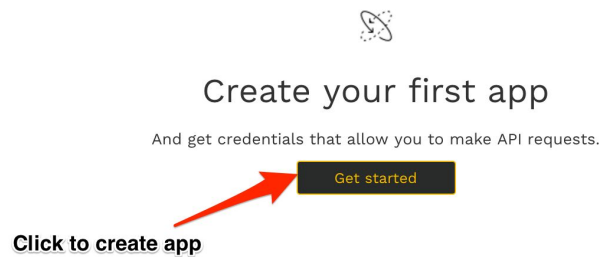● Go through API Documentation and understand the API Request and Response.

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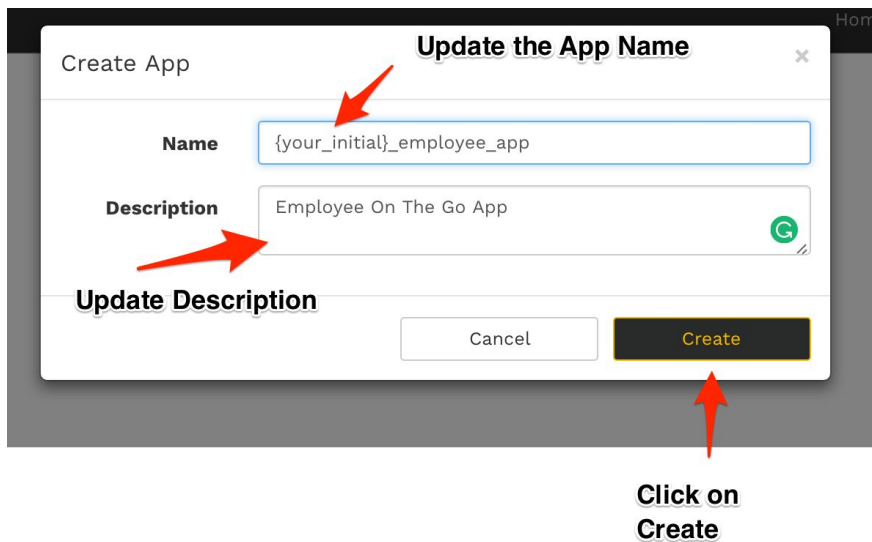
- To Create an App, Click on **Email Address** & then **My Apps** in top menu bar.

Click on Email
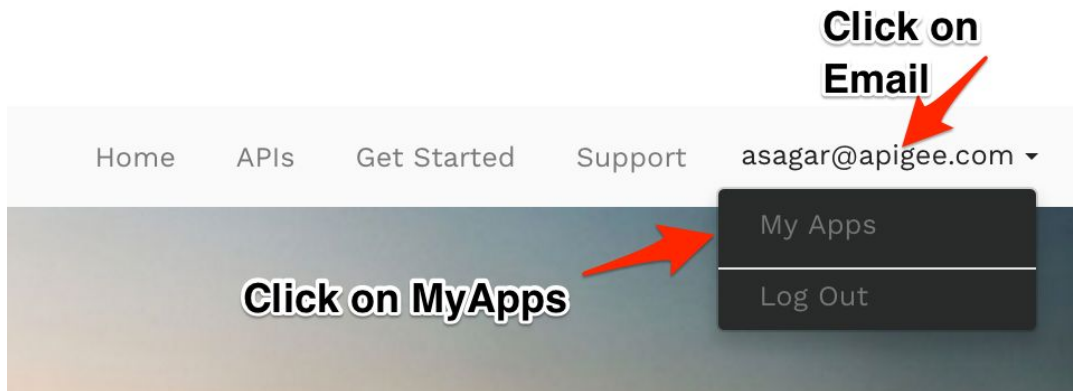
Click on MyApps

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

Create your first app

And get credentials that allow you to make API requests.

Get started

Click to create app

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

Create App

Update the App Name

Name: {your_initial}_employee_app

Description: Employee On The Go App

Update Description

Cancel | Create

Click on Create

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

My Apps

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

+ App

Click to see App Details

● Let's add API Product to app before we user 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

Created 2017-01-09

Click on Manage Products

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

● Choose {your_intials} 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	OFF

Choose {Your_Initals} Employee API Product

Cancel   Save

Click Save

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

Lab Video

If you like to learn by watching, here is a short video on consuming APIs using Apigee Developer Portal https://youtu.be/nCJwlVF6waw

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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