



# ***Developer Cloud API***

PDF Cloud, Collaboration and Data Capture SDK for Developers



# ***Getting Started Guide***

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# 1 Foxit Developer Cloud API Overview

Foxit Developer Cloud API is an cloud-based platform for embedding and deploying web-based PDF viewers in a matter of minutes. It gives you access to Foxit's high-performance PDF view/edit abilities without any need for development or server deployment. Foxit Developer Cloud API also allows you to customize the PDF viewer's look and feel to add your own configuration, so you don't even need a designer.

## Powered by Foxit's high fidelity rendering PDF engine

The core technology of Foxit Developer Cloud API is based on Foxit's PDF engine, which is trusted by a large number of well-known companies. Foxit's powerful engine makes document viewing fast and consistent in all environments.

In addition, Foxit's products are offered with the full support of our dedicated support engineers if support and maintenance options are purchased. Updates are released on a regular basis.

## 1.1 License

### 1.1.1 Subscription Plans

Our licensing fee for a subscription is charged monthly from the day you sign up. For example, if you sign up on 15<sup>th</sup> July, your next billing cycle will be on 15<sup>th</sup> August. At the end of the billing cycle, the system will charge you the monthly subscription fee (for the next billing cycle). You can cancel any time you wish and your subscription will be downgraded to the Starter plan at the end of your monthly billing cycle.

We have 3 different license subscriptions - **Starter**, **Basic** and **Professional**. These subscriptions give you access to different APIs:

Starter	Basic	Professional
\$0 per month	\$99 per month	\$199 per month
<ul style="list-style-type: none"><li>View API</li></ul>	<ul style="list-style-type: none"><li>View API</li></ul>	<ul style="list-style-type: none"><li>View API</li></ul>
	<ul style="list-style-type: none"><li>Annotation API</li></ul>	<ul style="list-style-type: none"><li>Annotation API</li></ul>
	<ul style="list-style-type: none"><li>Form API</li></ul>	<ul style="list-style-type: none"><li>Form API</li></ul>
		<ul style="list-style-type: none"><li>Collaboration API</li></ul>

### 1.1.2 API Requests

In addition to the monthly fee for your chosen subscription, you pay per API request. The pricing for each API request is as follows:

View API	Annotation API	Form API	Collaboration API
\$0.02 per request	\$0.03 per request	\$0.04 per request	\$0.07 per request

You can use any API in your project but if it is not included in your subscription, you will only have access to a trial (watermarked) version of the API as shown below:

API Customization



View API

Annotation API **Trial**

Form API **Trial**

Collaboration API **Trial**

For example, if you are on the Starter Plan and want to use the licensed Annotation API, you must upgrade your subscription plan to either Basic or Professional.

### 1.1.3 Upgrading your Subscription Plan

You can upgrade your subscription at any time by selecting your user avatar in the top left of your screen and choose 'Change Subscription' and you can enter your credit card details in the billing screen. If you would prefer to pay via bank transfer you can contact your account manager or email us on [sales@foxitsoftware.com](mailto:sales@foxitsoftware.com).

### 1.1.4 API Request Quotas

To better control your monthly spend on API requests, you set a quota. In the example below, here we set a quota of 150 Annotation API requests.

API ↓↑	Requests ↓↑	Credits ↓↑	Quota ↓↑
View API	0	\$0.00	80
Annotation API	0	\$0.00	150
Form API	0	\$0.00	100
Collaboration API	0	\$0.00	160

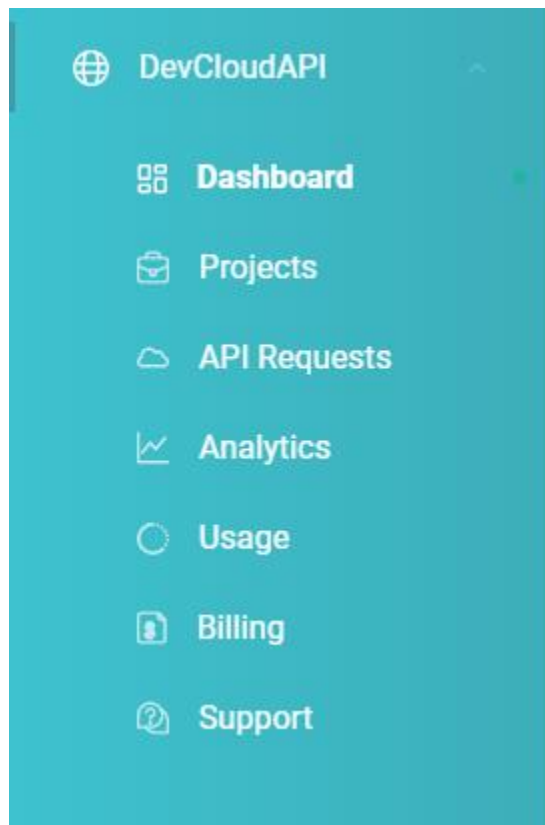
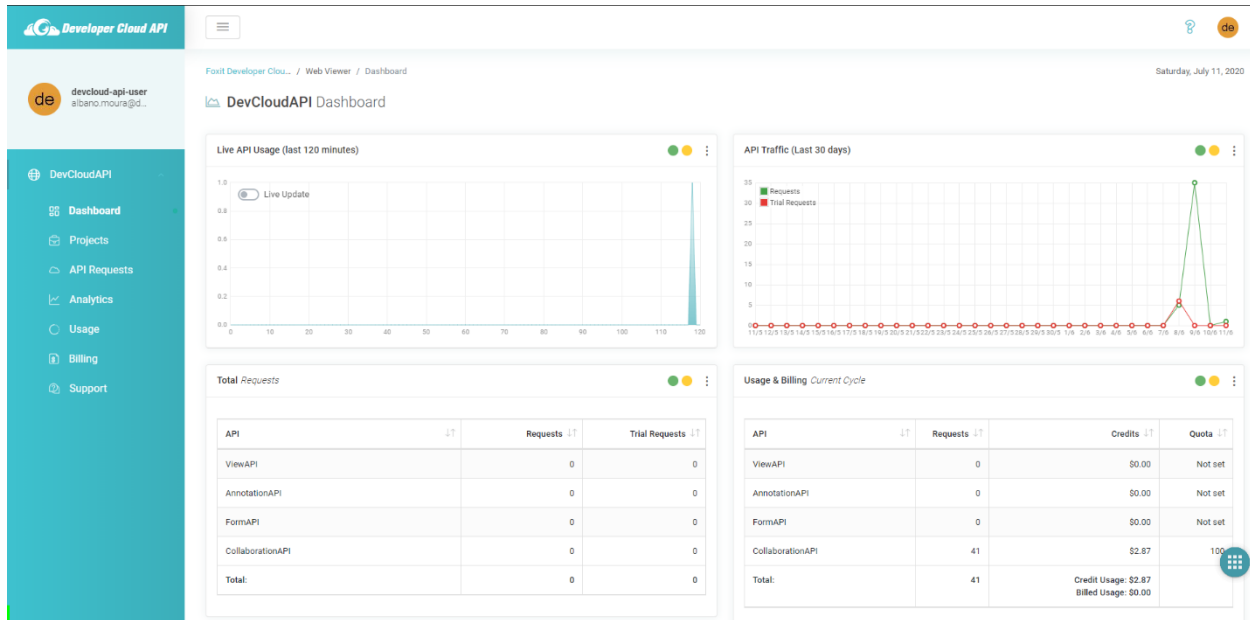
This will limit the number of annotations available to 150 requests per month. This means you don't get any nasty surprises in your billing each month. Read more about setting a quota and adding more API requests to your quota [here](#).

## 2 Getting Started

### 2.1 Developer Cloud API Platform

#### 2.1.1 Dashboard

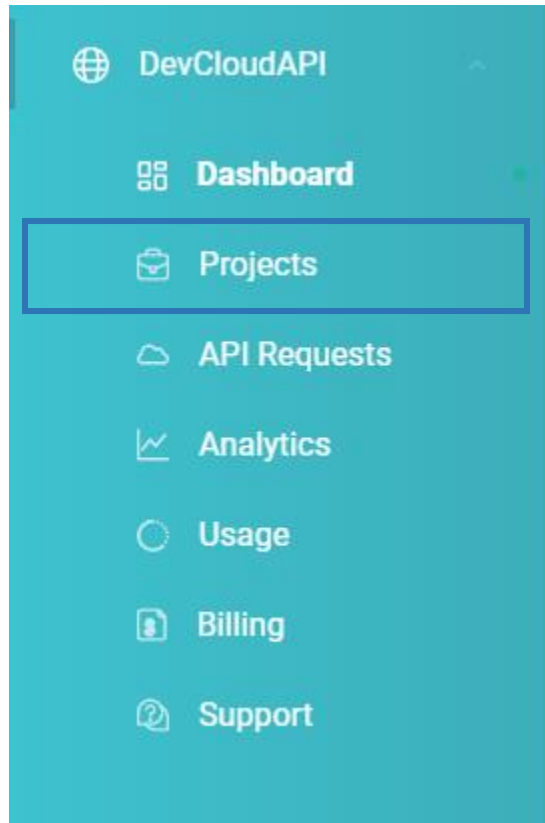
Welcome to your Dashboard! This is where you will find all the functionality and information about your DevCloudAPI platform:



In your dashboard home page, you will see the tracking information for the projects you create, the amount of requests your PDF viewer and your monthly usage data. All the data is tracked live and updated on real-time while anyone is using the DevCloudAPI viewer.

### 2.1.2 Projects

The first step to understanding how to deploy the DevCloudAPI PDF viewer is by creating or using a project. Essentially, a project is where your **DevCloudAPI PDF Viewer** will be hosted, where you will configure its settings before you deploy it to your website, CMS or application.



This is your Projects page:



The screenshot shows the 'Your Projects' page in the Foxit Developer Cloud API web interface. The sidebar on the left contains links to DevCloudAPI, Dashboard, Projects, API Requests, Analytics, Usage, Billing, and Support. The top header displays the user profile 'devcloud-api-user' and the date 'Saturday, July 11, 2020'. The main content area features a 'Create New Project' button and a table titled 'Your Projects Info'. The table has columns for Setup, Name, Key, Restrictions, Creation Date, and Edit. It lists two projects: 'Default' and 'DevCloudAPI First Project'.

Setup	Name	Key	Restrictions	Creation Date	Edit
	Default	ki35vjtdKGUomPn	None	3 days ago	
	DevCloudAPI First Project	8MrDh1ehb77TrkF	None	16 minutes ago	

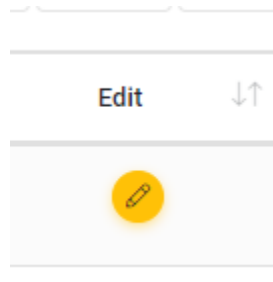
Your projects will be listed in the table as below. We create a default project when you register with Developer Cloud API for convenience.

This block provides a detailed view of the 'Your Projects Info' table. It includes a search bar and a table with two columns: 'Setup' and 'Name'. The table lists two projects: 'Default' and 'DevCloudAPI First Project'. Below the table, it indicates 'Showing 1 to 2 of 2 entries'.

Setup	Name
	Default
	DevCloudAPI First Project

Showing 1 to 2 of 2 entries

You may change the name of your project anytime by clicking in the 'Edit' button.



You will be prompted to modify the name of your project, and also set up new security options:

1. Secret – That is a password protection you can set to your own project API Key. This will ensure your project's key is secured and the project can only be deployed by providing the secret key you set up here.
2. Website Restriction – This option makes your PDF viewer only accessible through a specific HTTP domain using a specific keyword. It's an additional security option to prevent others to deploy the viewer in other websites.

Update Project

Update your project details

Project Name

Default

✓

Secret

✓

Provide a secrete key to enable the requirement to provide a secrete key to use the API Key or to replace existing secrete key. If leave this empty, will disable the secrete key if enabled before.

Website Restrictions

✓

Restrict API key usage to specified website(s). Provides one or more keywords that must appear in the domain name of the hosting page (HTTP referrer). Please seperate the keywords with comma (.). In your API, use either "info=1" URL parameter or "showInfo: true" JavaScript parameter to provide you the proper keyword to use here.

Close

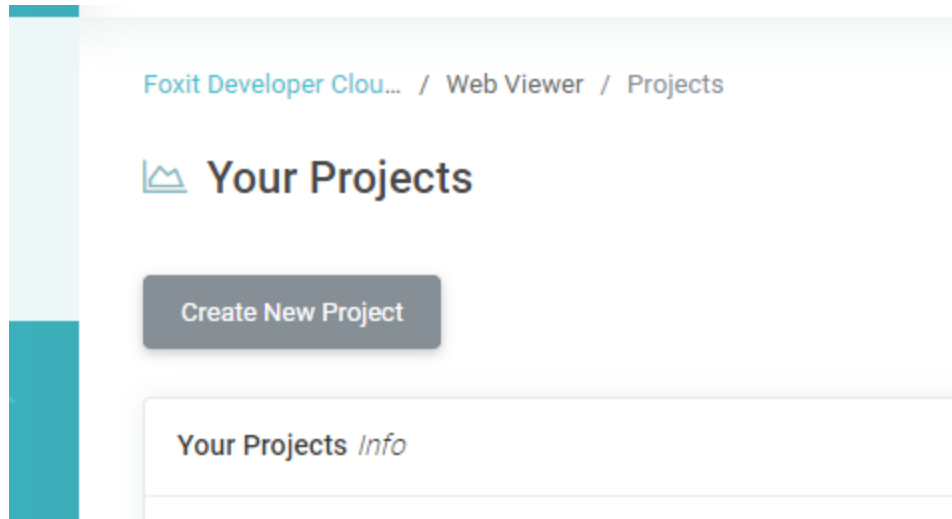
Update Project

However useful, these options are **optional** and provide a good way to further secure the access to the PDF viewer instances of your projects. If you have any difficulties or require assistance setting these options, please submit a form in <http://devcloudapi.foxitsoftware.com/support> and our team will assist you.

### 2.1.3 Creating and Working on Projects

#### 2.1.3.1 Create a new project

To create a new project, click on the 'Create New Project Button':



This is very low effort – just create a name and done. Let's create our example project and call it 'DevCloudAPI First Project':

A screenshot of the 'Add Project' dialog box. The dialog has a title bar with 'Add Project' and a close button (X). Below the title, it says 'Provide a name of the Project'. There's a text input field labeled 'Project Name' containing the text 'DevCloudAPI First Project'. To the right of the input field is a green checkmark icon. At the bottom right, there are two buttons: 'Close' and 'Add Project'.



Click on 'Add Project', and done! Your project will appear in the projects table. We will work with the 'DevCloudAPI First Project' in these tutorials.

### 2.1.3.2 Setup your first project

Any time you wish to open your DevCloudAPI project's PDF viewer or make any change in the configuration, you must click on the 'Setup' button.

### Your Projects Info

Q Search

Setup	↓↑	Name
		Default
		DevCloudAPI First Project

Showing 1 to 2 of 2 entries

This button will automatically open the 'Setup' sidebar window:

[illegible]

View API

Annotation API

Form API

Collaboration API

## Foxit Developer Cloud Collaboration API

PDF Viewer with Collaboration Features

Embed with iFrame

Embed with JavaScript

Use Foxit Developer Cloud API

```
<iframe width="560" height="315" src="https://devcloudapi.foxitsoftware.com/collaborationSDK.html?
f=/docs/DevCloudAPI_Guide.pdf&fn=Development%20Cloud%20API%20Getting%20Started%20Guide&ac1=%233ec2cf&ac2=%234
1888f&ac3=%23fffff&ac4=%23636363&als=1&alp=1&alu=/img/foxit-logo-
136W.png&alw=674&alh=72&ala=1&ats=1&atst=1&atbs=0&atbt=0&ass=1&asbs=0&asbt=0&a=kI35VjtfdKGUomPn&n=devcloud-
api-user&s=c5ec7374-f7ea-4029-997b-f1071e7648df&cn=devcloud-api-user&ci=&cp=&ct=0" frameborder="0"
allowfullscreen=""></iframe>
```

## PDF Viewer Configuration

Modify the options to apply your own settings

General

☐ Require Login

File

/docs/DevCloudAPI\_Guide.pdf

File Name

Development Cloud API Getting Started Guide

User Name

devcloud-api-user

☐ Don't include

Zoom settings

Zoom Name

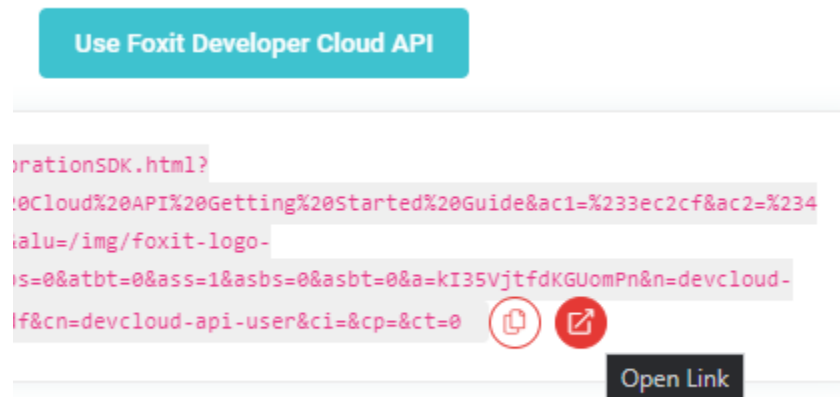
It is very easy to set up your DevCloudAPI PDF Viewer and start using it. There are three basic ways of accessing the viewer:

1. [Through an <iframe> tag](#)
2. [By creating a JavaScript object](#)

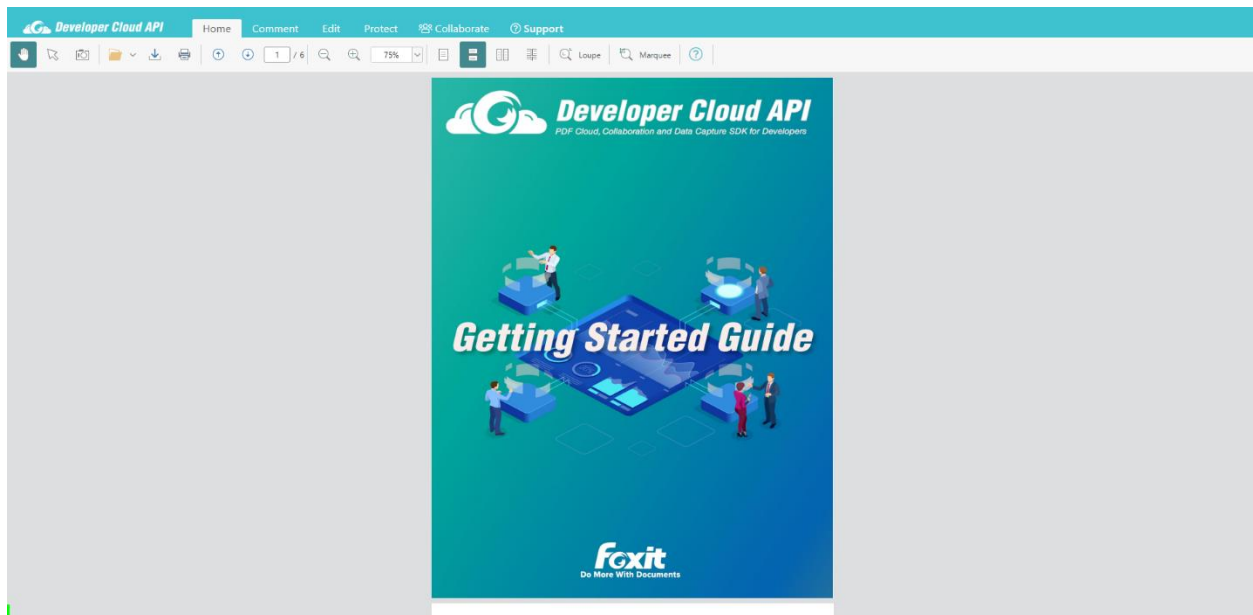
### 3. Using DevCloudAPI's URL

In this section, we will quickly run and see how the viewer looks in its default state. To do that, we'll go with option 3, using DevCloudAPI's own hosting platform. This is useful when you wish to test and see how your PDF viewer looks before you embed it into your own website.

Click on the 'Use Foxit Developer Cloud API' tab. And click on the 'Open Link' icon:



The DevCloudAPI PDF Viewer will open in a new tab as below:

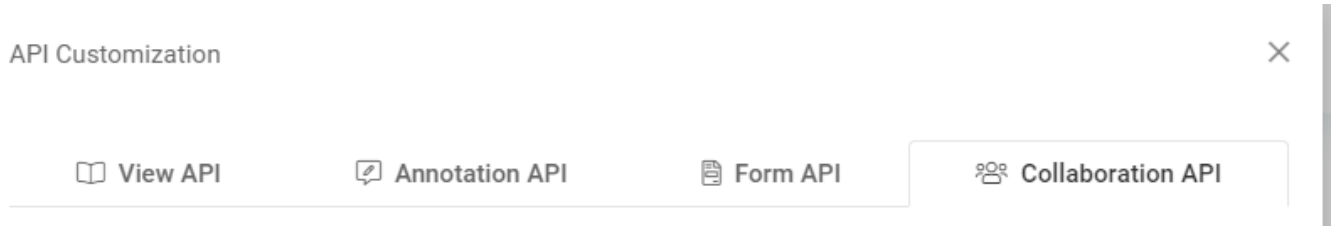


As easy as this, you have opened up the DevCloudAPI PDF Viewer for the first time! Now that you understand the first steps on how to deploy the viewer, we will look at the different options of viewers the DevCloudAPI provides, and a few more topics on how to use the platform.

### 2.2 Understanding the APIs

There are four main APIs you can use to deploy the DevCloudAPI PDF Viewer, and each one provides different functionality to use in your PDFs when you add the PDF viewer to your website or application.

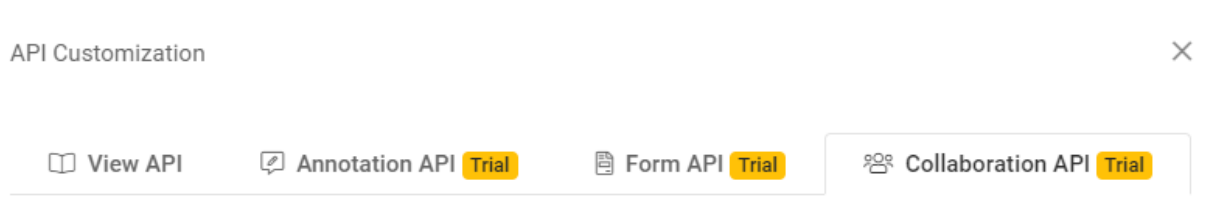
The four options are displayed in your Setup window:



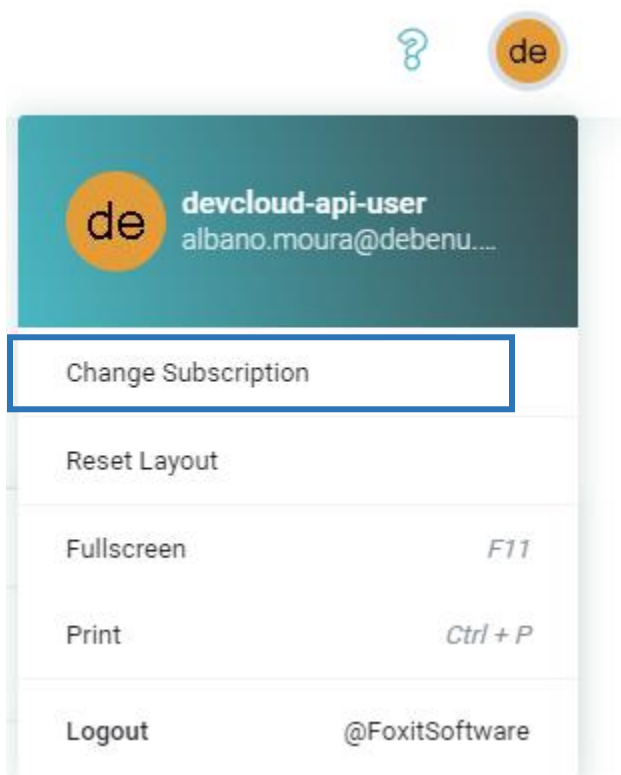
- **View API** – Provides PDF viewing only
- **Annotation API** – Provides full PDF viewing and annotation capabilities
  - Complete set of markups and annotation tools
  - Import/Export your annotations to your local client
- **Forms API** – Provides full PDF View/Edit and Forms functionality
  - Text Editing
  - Form filling
  - Import/Export your forms data to your local client
- **Collaboration API** – Provides the complete set of functionality of the Foxit Developer Cloud API Platform
  - Full PDF View/Edit functionality
  - Complete set of markups and annotation tools
  - Real-time Collaboration
    - View PDF files and interact in real-time with other users by sharing a single URL link
  - Chat
  - Video Conference room



You have the option to use all the APIs in any project you have. If your License does not offer a specific API ability, they will be displayed as below and you will still be able to use it as a 'Trial' watermarked version:



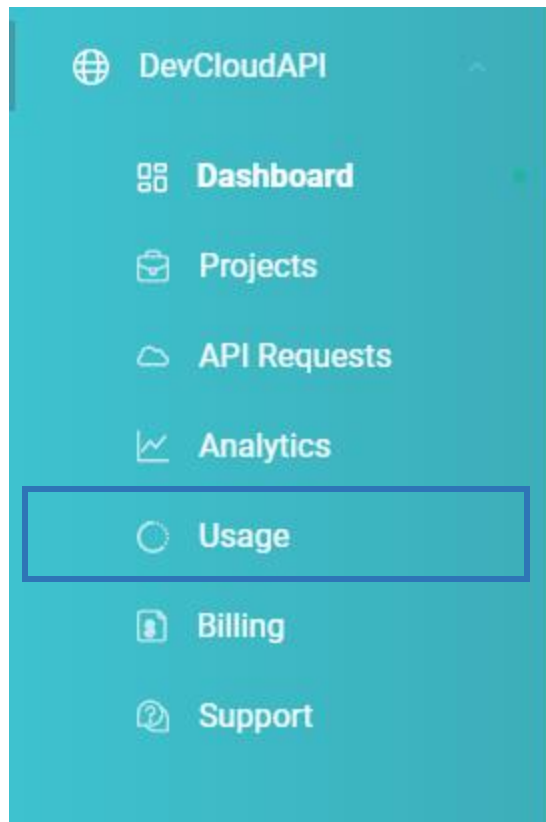
You may upgrade your account at any time by going to your user avatar in the top left and clicking on 'Change Subscription':



Check the [License](#) section for more details.





### 2.3 Usage and Quotas

The DevCloudAPI Platform usage is tracked by requests. To see how many times you have used the platform, go to the 'Usage' section in the dashboard:



In the 'API Request' table, the data will be displayed on how many times a request has been made to open the DevCloudAPI PDF Viewer. In the 'DevCloudAPI First Project' project we've created, the Collaboration API has been used for testing, so we only see requests for this API.

### API Usage





API Quotas				
API	Used	Quota	Edit	
ViewAPI	0	Not set		
AnnotationAPI	0	Not set		
FormAPI	0	Not set		
CollaborationAPI	49	Not set		

Every month, the platform will track how many requests have been made to the DevCloudAPI to open the viewer. If you want to control how many requests are made, you may set up a limit to how many times the viewer can be opened in a month.

### 2.3.1 Setting up a monthly Quota

Click on the 'Edit' icon to set a quota limit for monthly usage.

 API Usage

API Quotas				
API	Used	Quota	Edit	
ViewAPI	0	Not set		
AnnotationAPI	0	Not set		
FormAPI	0	Not set		
CollaborationAPI	49	Not set		

At the 'Update Quota' window, you may set up a number for the maximum amount of requests the DevCloudAPI should process in a month. We'll choose five hundred requests per month (approx. 17 requests per day). Click on 'Update Quota'.

### Update Quota

Quota

500

The number you provide here means the maximum number of requests expected. This allows you to set a budget of specific API. If usage over the quota, the API will become a trial version. Put -1 to disable quota.

CloseUpdate Quota

## API Usage

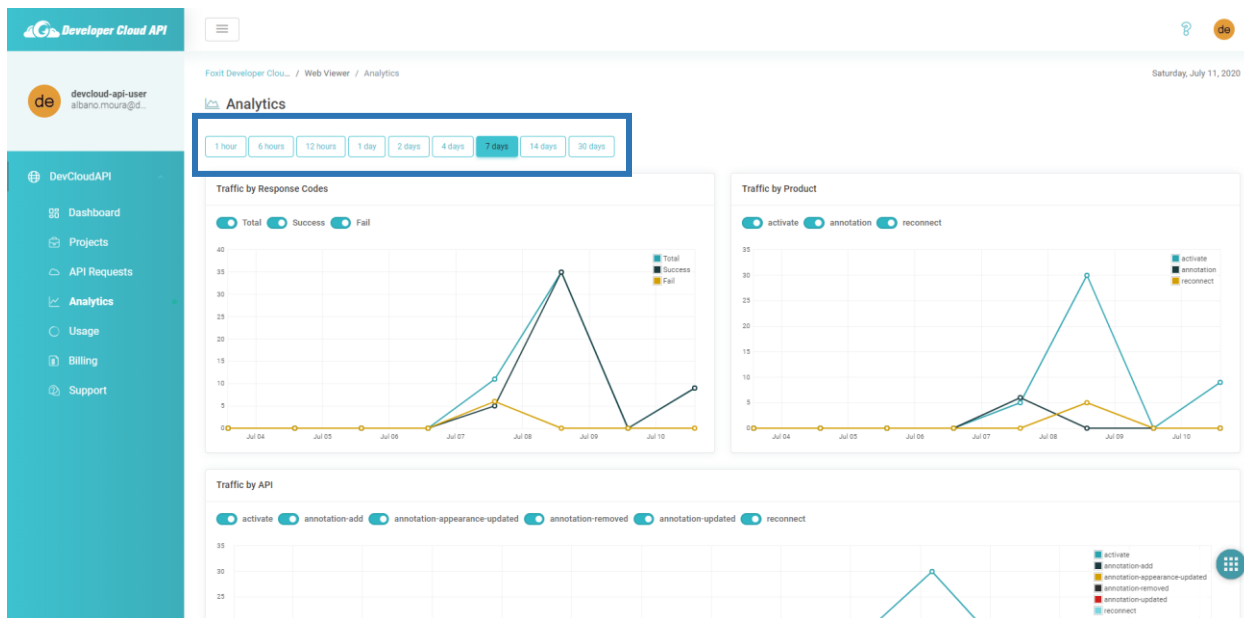
### API Quotas

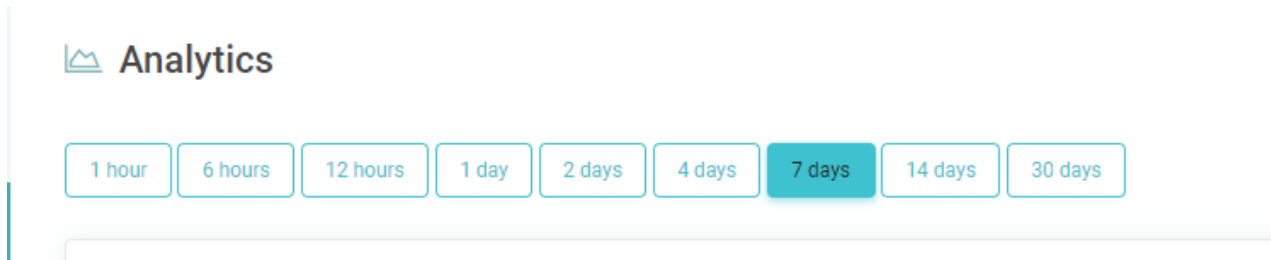
API	Used	Quota
ViewAPI	0	Not set
AnnotationAPI	0	Not set
FormAPI	0	Not set
CollaborationAPI	49	500

Done! DevCloudAPI will display a toast message once the requests reach the monthly limit. You can update the quota again at any point. If you wish to disable the quota again, just add '-1' in the 'Update Quota' number at it will be automatically disabled.

## 2.4 Analytics

The Analytics page provides an in-depth tracking of the DevCloudAPI platform usage and how you interact with your projects, your viewer deployment and much more. You may select a specific time-range from the button options below to see how your uses have been tracking.







And this is a quick introduction to get you started using DevCloudAPI platform! You should be able to start testing and choose which API you'd like to use, create new projects and much more.

## **3 Customizing your Developer Cloud API PDF**

### **Viewer**

Once you have setup your own viewer and understands the different options it provides, you should pick an API for your project and start working on your project's DevCloudAPI PDF Viewer. This section will help you modify a series of elements in your viewer to customize it for when you embed this to your website or application later on. DevCloudAPI will allow you to provide a seamless document viewing experience for your users with your own branding and styling guide.

### 3.1 General Options



 **General** 

☐ Require Login

**File**

**File Name**

**User Name**  
 ☐ Don't include

 **Viewer Size** 

**Width**

**Height**

#### 3.1.1 Changing your default URL

If you want your default URL displayed to be different than the default Developer Cloud API file, modify the 'File' option with a server URL of the PDF file you wish to use.

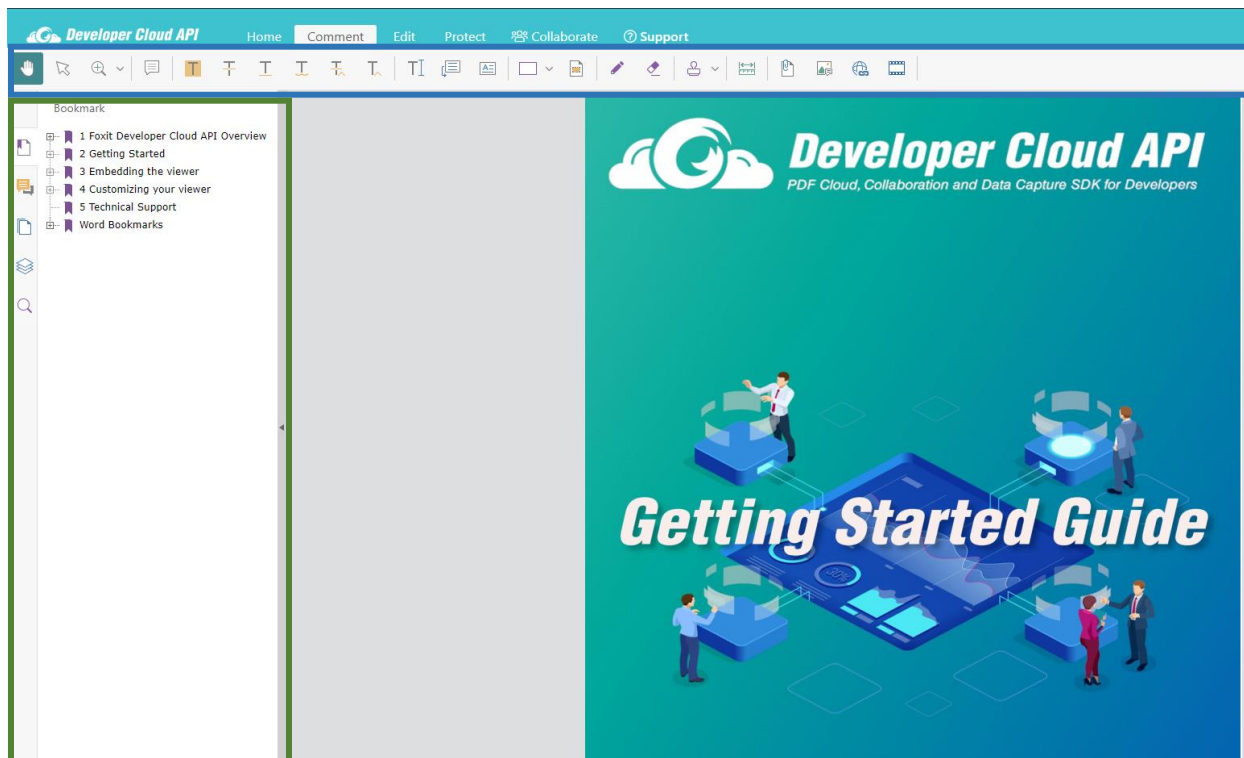
**Note:** Make sure your server has CORS policy enabled to accept cross-reference requests, or this option might not work in some cases.

#### 3.1.2 Changing your viewer size

Changing the size is one of the first things you will need to do once you embed this to an application, given there are many different dimensions for where you will be placing your viewer. Just modify the Width and Height to your desired size and copy the link again when you use.

### 3.2 Toolbar and Sidebar

The key elements of controlling your PDF viewer UI are the toolbar and sidebar. Below they are represented visually, the toolbar is a blue outlined square and the sidebar is on green outline.



#### 3.2.1 Modifying toolbar and sidebar layouts

Your project's layout can be customized in the Setup window. The toolbar and sidebar configuration elements are listed out below:

**Toolbar Settings**

☒ Show toolbar
 ☒ Show toolbar tabs

Toolbar Buttons Set
 

☒ Full
 ☐ View-only
 ☐ Basic Annotation

Toolbar Buttons Theme
 

☒ Default
 ☐ Font Awesome

**Viewer Sidebar Display**

☒ Show sidebar

Sidebar Buttons Set
 

☒ Full
 ☐ Comment-only

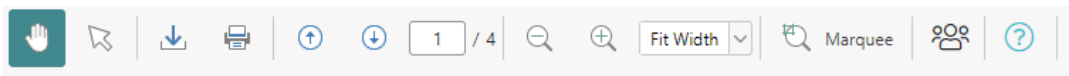
Sidebar Buttons Theme
 

☒ Default
 ☐ Font Awesome

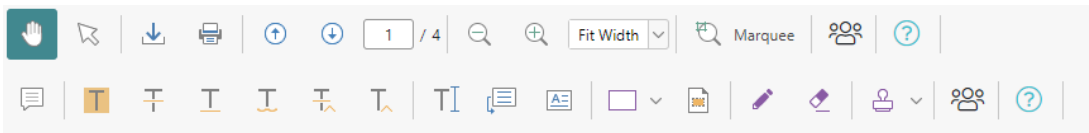
## Toolbar Settings

### Button Layout

- Full – Default UI
- View-Only – Removes all editing options as well. Useful for projects where only viewing is necessary (brochures, ads, manuals)



- Basic Annotation – Provides annotation and markups. Useful for projects where adding markups and annotations are required (designs, presentations, interactive documents)



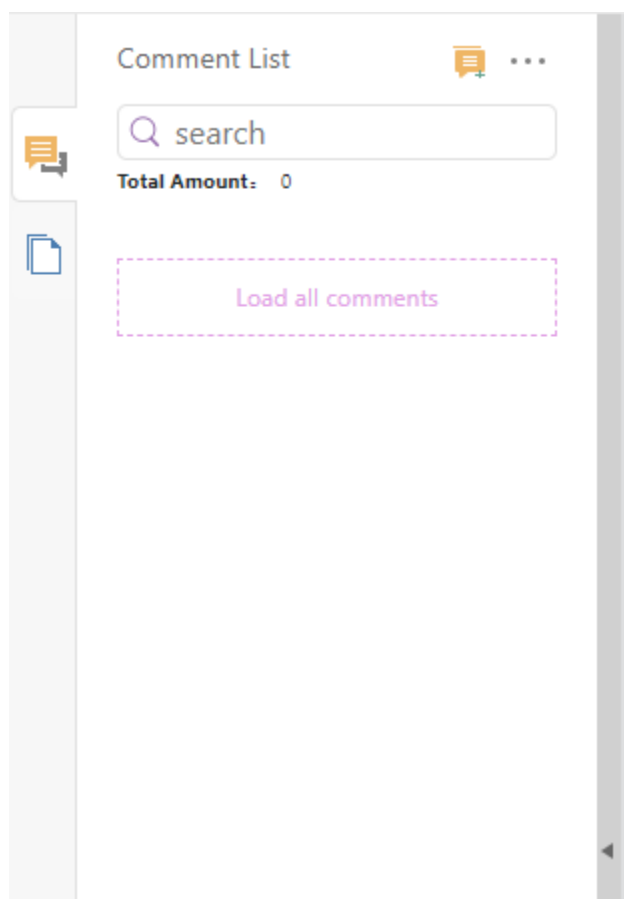
You may choose between the default theme or a secondary theme based on Font Awesome Light icons.



### Sidebar Settings

#### Button Layout

- Full – Default UI
- Comment-Only – Removes bookmarks, layers and search option from the sidebar. Only annotations are available.



You may choose between the default theme or a secondary theme based on Font Awesome Light icons.

**Note:** There were bug reports that the sidebar does not display by default. If that is the case, please try to **add a simple annotation to the page** to trigger the sidebar activity.

### 3.3 Adding your logo

You may select to use a new logo by updating the URL field below. You may also control the size of the logo in the Width and Height fields, as well as the positioning of the viewer. Let's update the logo here for Foxit's main logo.

 **Logo Settings** 

URL

☒ Show logo

Logo Width

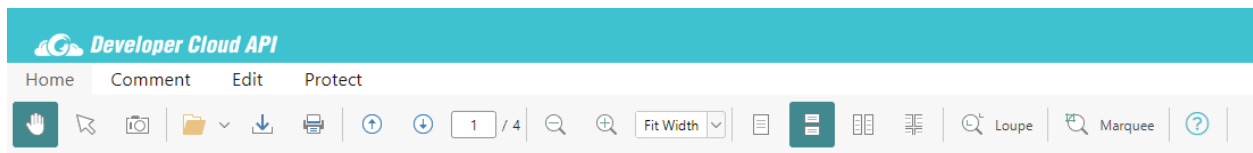
Logo Height

Logo Position

☐ Banner on top

☒ Left of toolbar tabs (if tabs is shown)



### Banner on top



Left of toolbar tabs

### 3.4 Changing viewer colors

The set of default colors are provided below with the DevCloudAPI original color guide styling:

 **Colors** 



Primary

Secondary

Tertiary

Text(Active)

Let's change that into Foxit's main styling orange guide and also add a Foxit main logo on top by changing the URL into an image hosted in our website:


 Colors 


Primary


Secondary


Tertiary



Text(Active)









 Logo Settings 

URL

☒ Show logo



Logo Width

Logo Height

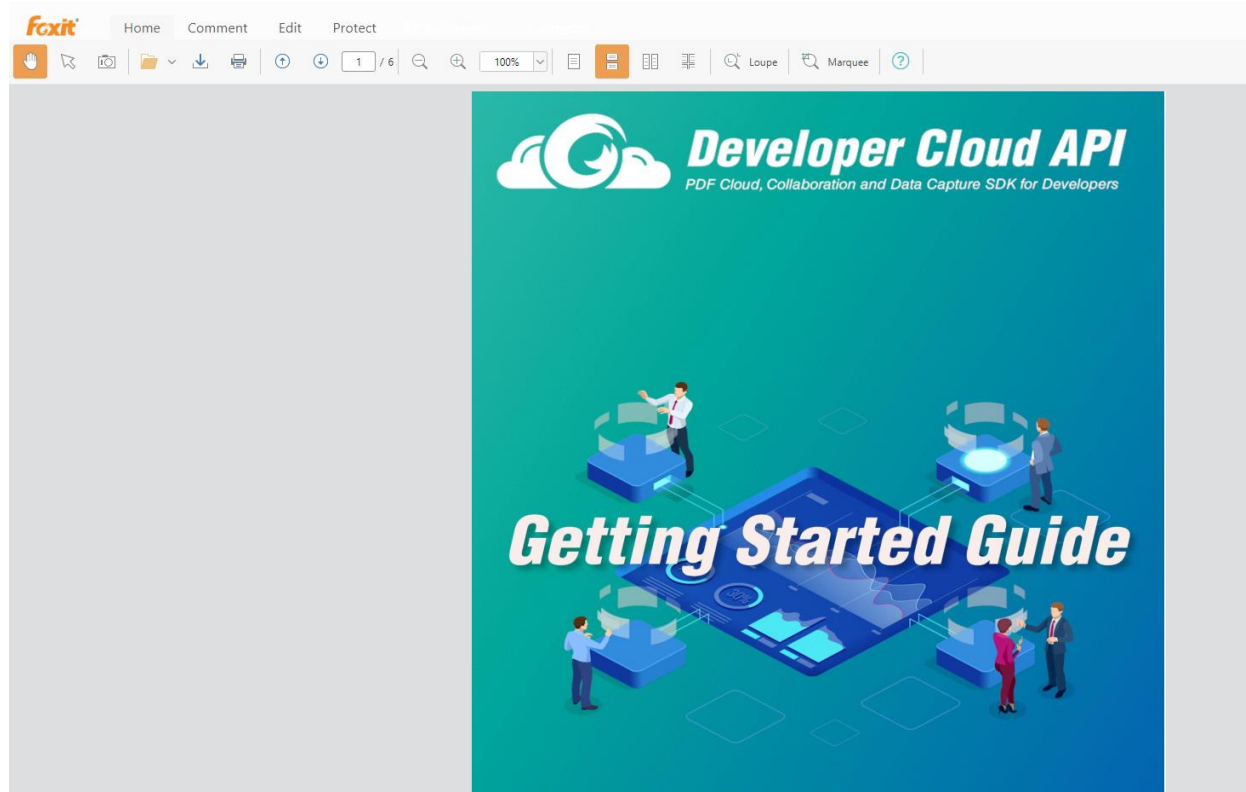
Logo Position

☐ Banner on top

☒ Left of toolbar tabs (if tabs is shown)

 Toolbar Settings 

This is how our viewer looks now:



**Note:** Any time you make a change in your viewer customization, make sure to copy the link and paste again in your environment to see the changes.

## 4 Working with the Developer Cloud API PDF

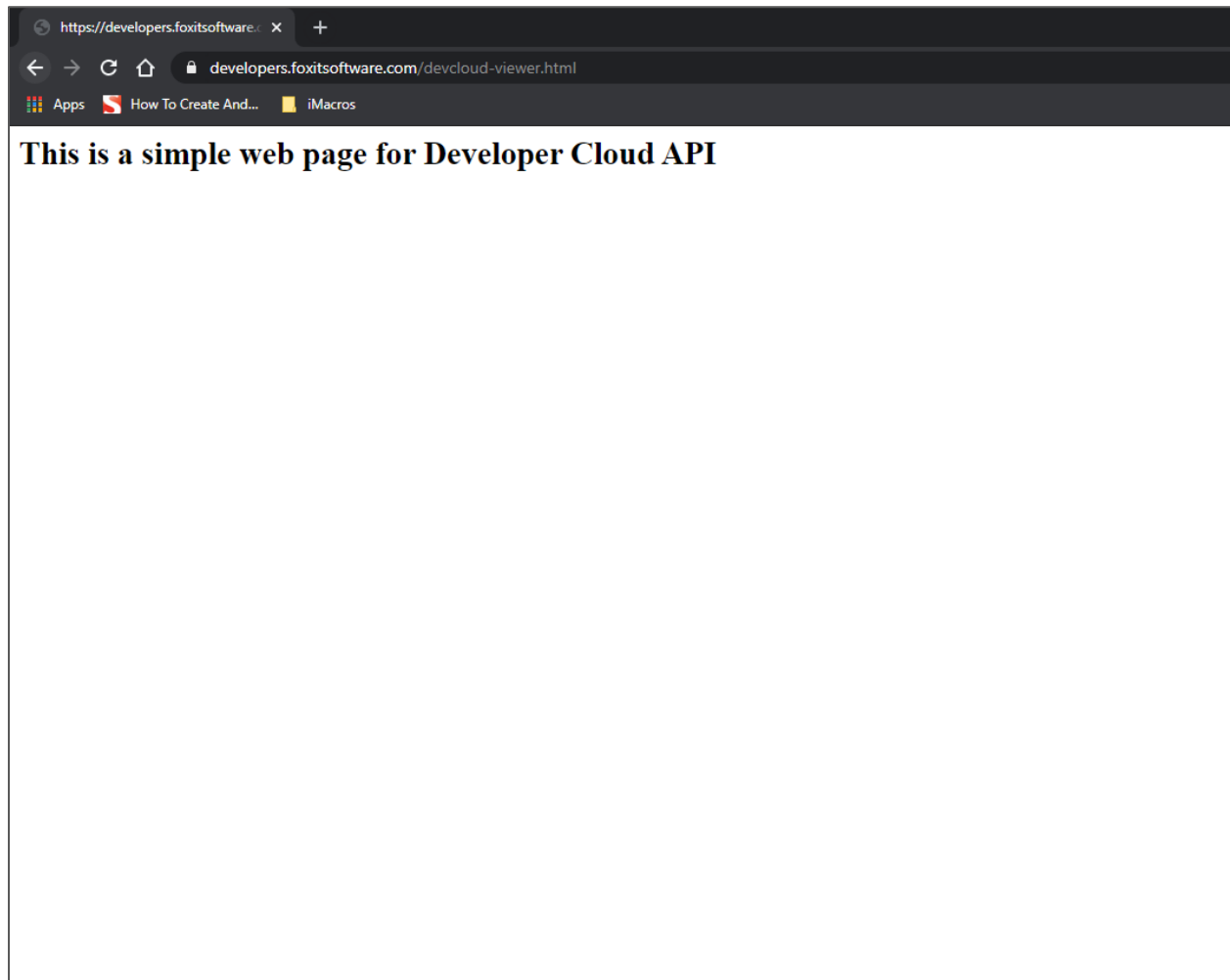
### Viewer

This guide has provided instructions on how to access your projects and customize your Developer Cloud API PDF Viewer with your own settings. This next section will provide the guidelines to work with the viewer in the platforms your own application, website, CMS or are being used. It is very easy to work with the DevCloudAPI PDF viewer by just embedding the HTML element of the viewer or using the direct URL in your website. We'll also explore a few additional and more advanced options.

### 4.1 Embedding options

#### 4.1.1 Simple Embedding

In the first step we will show the simplest application of the DevCloudAPI PDF viewer, which is copying the HTML objects provided by the viewer and pasting them anywhere in your own web environment. We'll use a simple HTML page hosted in our own Foxit SDK website.



##### 4.1.1.1 Using HTML

Follow the steps in the **Project** section if you haven't learned how to create and use your projects yet.

First, click on the '**Embed with iFrame**' button and copy the tag code in your project by clicking the 'Copy Link' button.

We suggest you change the viewer size (Check the 'Viewer Size' section to learn how) before you do it to put it on the correct size for your page. We changed our dimensions to 1920x1080 to fit on the full page.

API Customization



View API

Annotation API

Form API

Collaboration API

Foxit Developer Cloud Collaboration API

PDF Viewer with Collaboration Features

Embed with iFrame

Embed with JavaScript

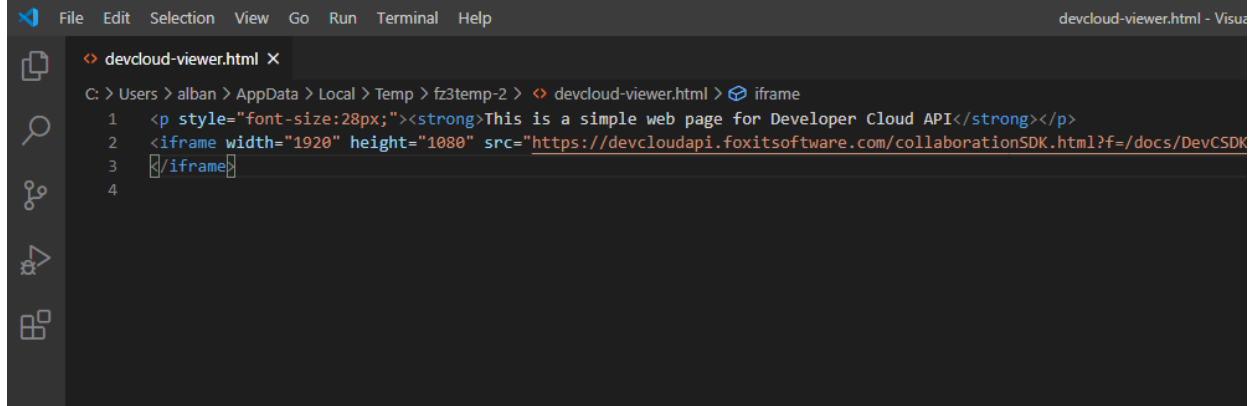
Use Foxit Developer Cloud API

```
<iframe width="1920" height="1080" src="https://devcloudapi.foxitsoftware.com/collaborationSDK.html?
f=/docs/DevCSDKUseCases.pdf&fn=Development%20Cloud%20API%20Use%20Cases&ac1=%233ec2cf&ac2=%2341888f&ac3=%23fff
fff&ac4=%23636363&als=1&alp=1&alu=/img/foxit-logo-
136W.png&alw=674&alh=72&ala=1&ats=1&atst=1&atbs=0&atbt=0&ass=1&asbs=0&asbt=0&a=kI35VjtfdkGUomPn&n=devcloud-
api-user&s=4171dbc5-1ee0-4d64-94fc-13e103480207&cn=devcloud-api-user&ci=&cp=&ct=0" frameborder="0"
allowfullscreen=""></iframe>
```

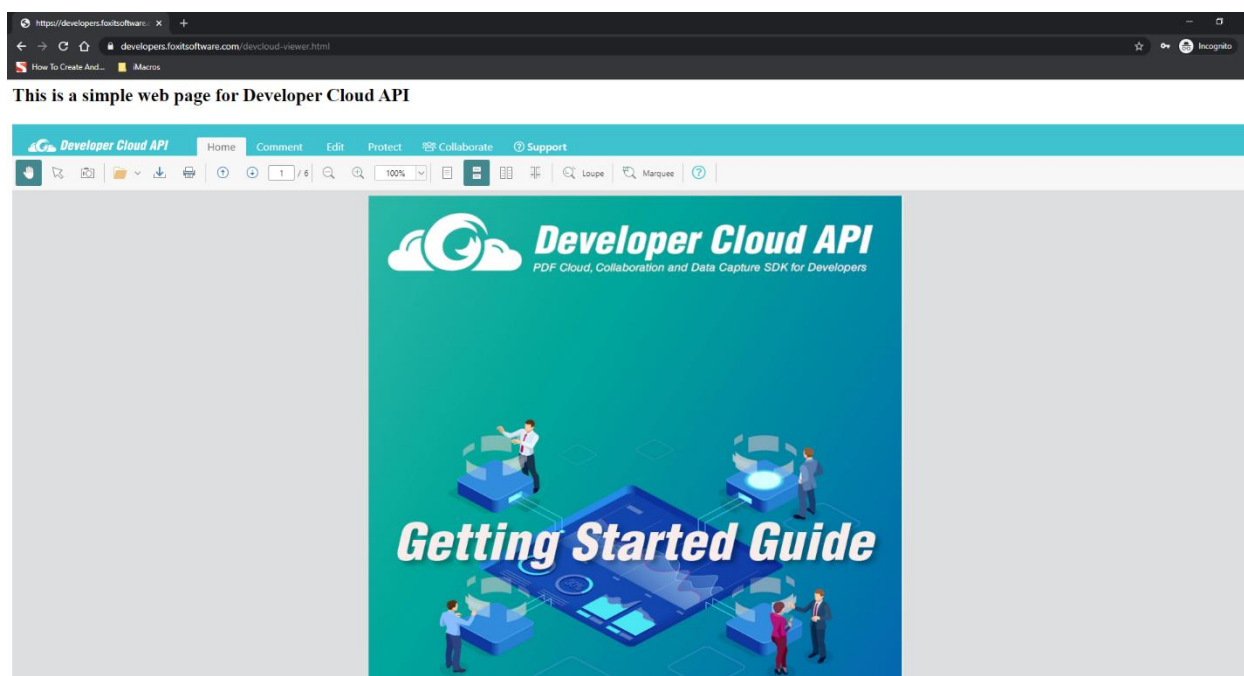


Copy Link

Open up the HTML page in your own website in any editor or platform you use. We'll use a basic Visual Studio Code window in this example.



After pasting the code in the HTML window, we save the file and update it in our website. This is how it will look:



And that's it, with two lines of code and a couple of minutes, we have embedded a complete PDF viewer in a simple website.

Now, if you don't have any programming experience and is hosting your website in a content management system like Wordpress or Wix, the next section will show you how to do it.

### 4.1.1.2 In a Content Management System (CMS)

#### 4.1.1.2.1 Wordpress

First, click on the '**Embed with iFrame**' button and copy the tag code in your project by clicking the 'Copy Link' button.

We suggest you change the viewer size (Check the 'Viewer Size' section to learn how) before you do it to put it on the correct size for your page. We changed our dimensions to 1920x1080 to fit on the full page.

View API

Annotation API

Form API

Collaboration API

### Foxit Developer Cloud Collaboration API

PDF Viewer with Collaboration Features

Embed with iFrame

Embed with JavaScript

Use Foxit Developer Cloud API

```
<iframe width="1920" height="1080" src="https://devcloudapi.foxitsoftware.com/collaborationsDK.html?
f=/docs/DevCSDKUseCases.pdf&fn=Development%20Cloud%20API%20Use%20Cases&ac1=%233ec2cf&ac2=%2341888f&ac3=%23fff
fff&ac4=%23636363&als=1&alp=1&alu=/img/foxit-logo-
136W.png&alw=674&alh=72&ala=1&ats=1&atst=1&atbs=0&atbt=0&ass=1&asbs=0&asbt=0&a=kI35VjtfdKGUomPn&n=devcloud-
api-user&s=4171dbc5-1ee0-4d64-94fc-13e103480207&cn=devcloud-api-user&ci=&cp=&ct=0" frameborder="0"
allowfullscreen=""></iframe>
```



Copy Link

In your wordpress website, create a simple new page or article for testing purposes. Here's their [own article](#) on how to do it. We've called our page 'DevCloudAPI' in this example.

In your page editing window, paste the iframe element.



The screenshot shows the WordPress admin dashboard for a site named 'Foxit Developer Knowledge Base'. The left sidebar contains navigation links for Dashboard, Media, Links, Pages (highlighted), All Pages, Add New, and Comments (with a notification badge). The top bar shows site statistics (23 views, 1 comment) and options to create a new page or copy to a draft. A notification banner at the top states 'WordPress 5.4.2 is available! Please update now.' The main content area is titled 'Edit Page' with an 'Add New' button. The page title 'DevCloudAPI' is entered in the title field. Below it, the permalink is shown as 'https://developers.foxitsoftware.com/kb/devcloudapi/' with an 'Edit' button. A rich text editor toolbar is visible, followed by the page content which contains an `<iframe>` code block. The code block specifies a width of 1920 and height of 1080, and its source is a long URL pointing to a Foxit collaboration SDK document. At the bottom of the editor, it shows 'Word count: 0' and 'Draft saved at 7:21:10 pm. Last edited by Albano Moura on July 9, 2020 at 1:28 am'. A 'Yoast SEO' section is partially visible at the very bottom.

WordPress 5.4.2 is available! [Please update now.](#)

Edit Page [Add New](#)

DevCloudAPI

Permalink: <https://developers.foxitsoftware.com/kb/devcloudapi/> [Edit](#)

[Add Media](#) [Find & Replace](#)

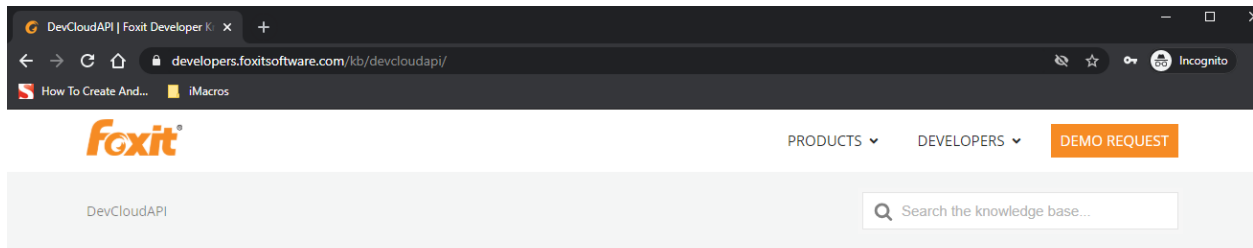
[b](#) [i](#) [link](#) [b-quote](#) [del](#) [ins](#) [img](#) [ul](#) [ol](#) [li](#) [code](#) [Table](#) [more](#) [close tags](#)

```
<iframe width="1920" height="1080"
src="https://devcloudapi.foxitsoftware.com/collaborationSDK.html?
f=/docs/DevCSDKUseCases.pdf&fn=Development%20Cloud%20API%20Use%20Cases&ac1=%233ec2cf&ac2=%2341888
f&ac3=%23ffffff&ac4=%23636363&als=1&alp=1&alu=/img/foxit-logo-
136W.png&alw=674&alh=72&ala=1&ats=1&atst=1&atbs=0&atbt=0&ass=1&asbs=0&asbt=0&a=kI35VtfdKGUomPn&n
=devcloud-api-user&s=4171dbc5-1ee0-4d64-94fc-13e103480207&cn=devcloud-api-user&ci=&cp=&ct=0"
frameborder="0" allowfullscreen=""></iframe>
```

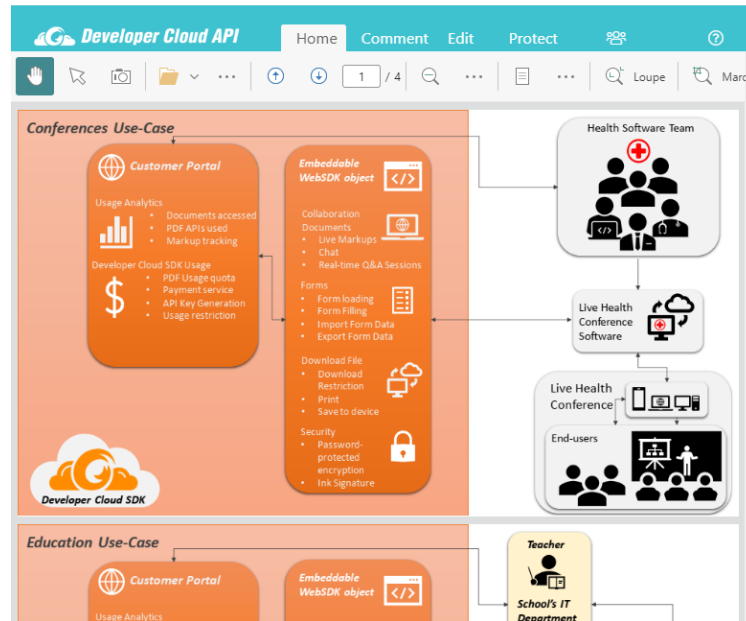
Word count: 0 Draft saved at 7:21:10 pm. Last edited by Albano Moura on July 9, 2020 at 1:28 am

Yoast SEO

Click on 'Publish' and open the page URL in your browser. This is how it looks with our own wordpress layout:



### DevCloudAPI



Done! You now have a complete PDF Viewer in your website page in Wordpress. You can choose to add this anywhere, within an article, in multiple pages, as a presentation, brochure, whatever you like!

#### 4.1.1.2.2 Wix

First, click on the '**Embed with iFrame**' button and copy the tag code in your project by clicking the 'Copy Link' button.

We suggest you change the viewer size (Check the 'Viewer Size' section to learn how) before you do it to put it on the correct size for your page. We changed our dimensions to 1024x768 to fit on our page style.

### API Customization



View API

Annotation API

Form API

Collaboration API

#### Foxit Developer Cloud Collaboration API

PDF Viewer with Collaboration Features

Embed with iFrame

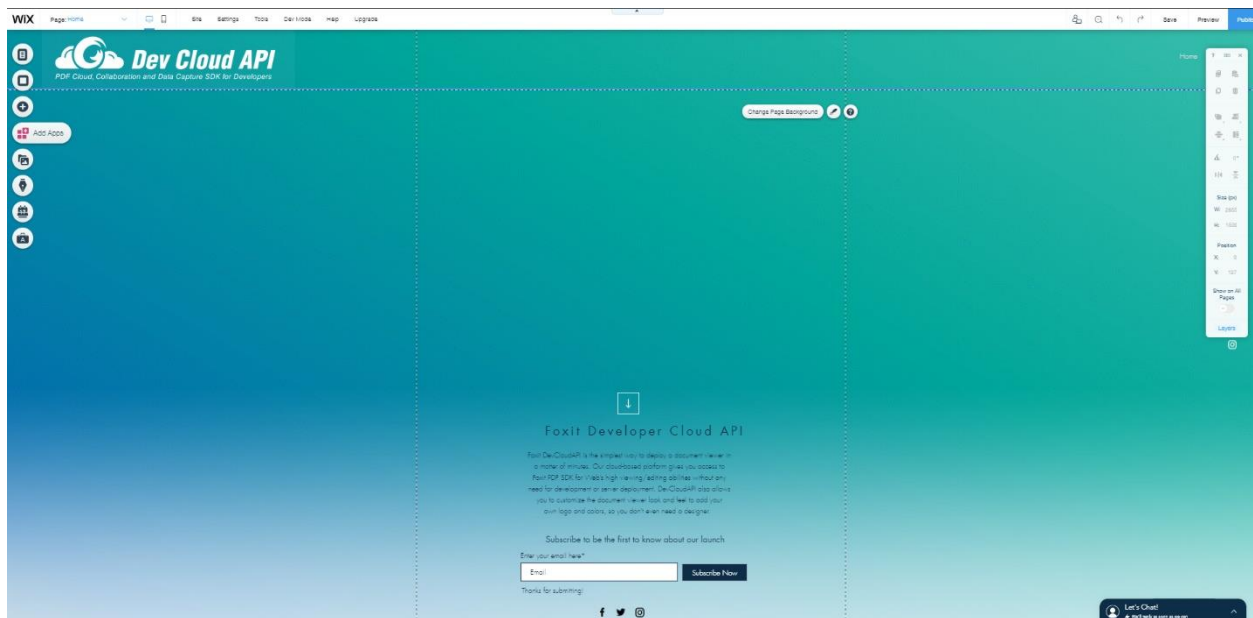
Embed with JavaScript

Use Foxit Developer Cloud API

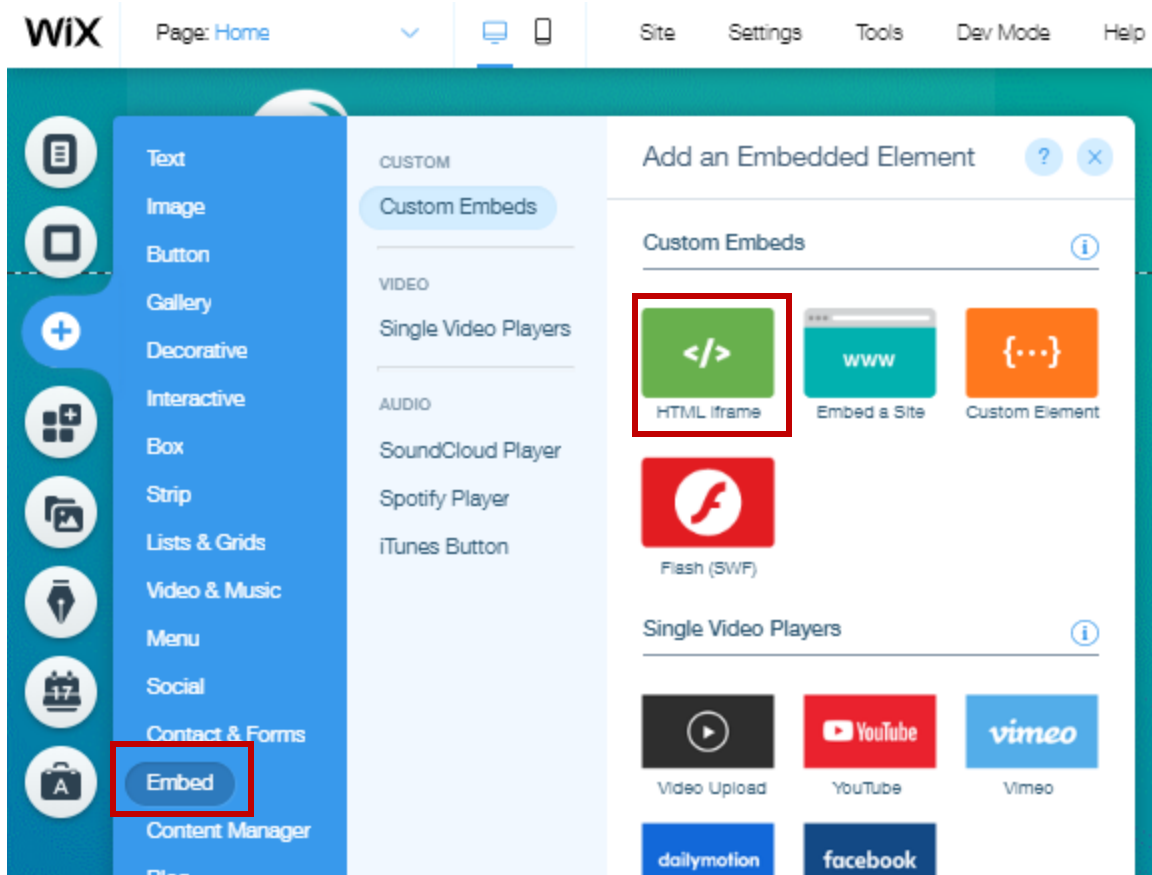
```
<iframe width="1024" height="768" src="https://devcloudapi.foxitsoftware.com/collaborationSDK.html?
f=/docs/DevCSDKUseCases.pdf&fn=Development%20Cloud%20API%20Use%20Cases&ac1=%233ec2cf&ac2=%2341888f&ac3=%23fff
fff&ac4=%23636363&als=1&alp=1&alu=/img/foxit-logo-
136W.png&alw=674&alh=72&ala=1&ats=1&atst=1&atbs=0&atbt=0&ass=1&asbs=0&asbt=0&a=kI35VjtfdKGUomPn&n=devcloud-
api-user&s=4171dbc5-1ee0-4d64-94fc-13e103480207&cn=devcloud-api-user&ci=&cp=&ct=0" frameborder="0"
allowfullscreen=""></iframe>
```

Copy Link

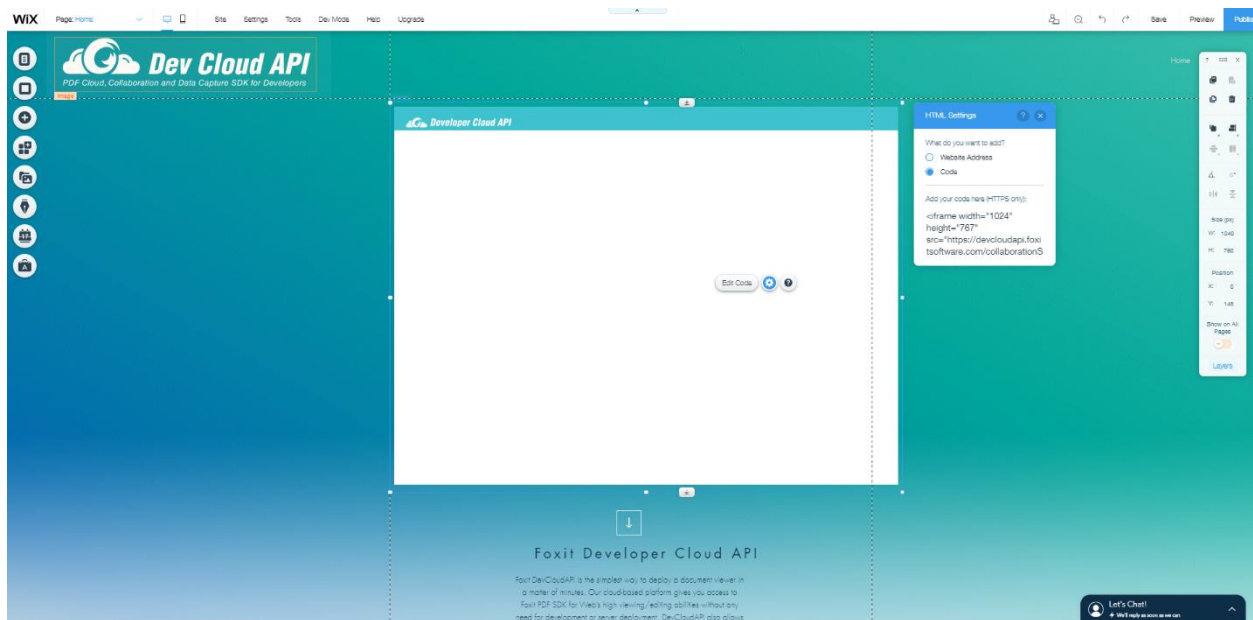
In your Wix website, create a simple new page or article for testing purposes. Here's their [own article](#) on how to do it. We have created a Devcloudapi website in Wix for testing and added some of our branding to it.

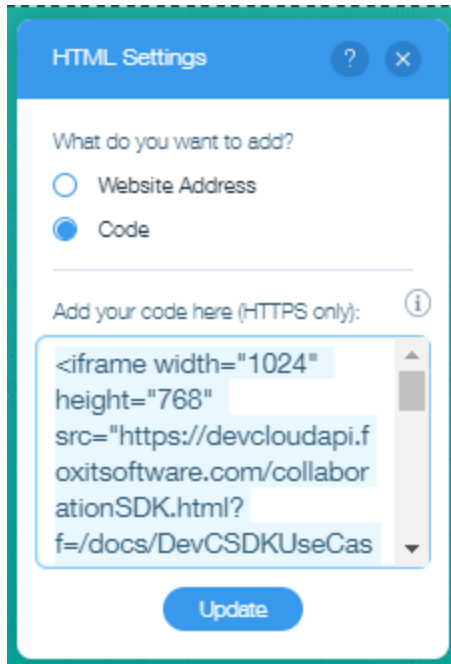


In your editing window, [create a new Embed element](#) and choose 'HTML iframe'.



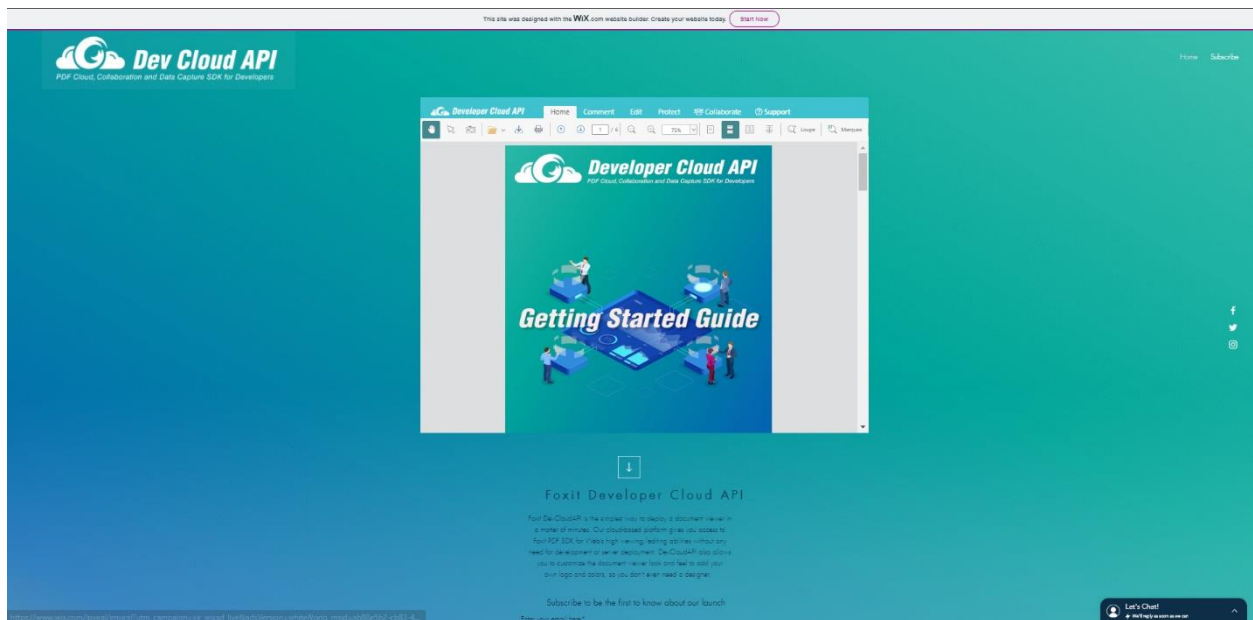
Place the object in the page, click on the 'Edit Code' button. Paste your iframe link from DevCloudAPI and paste on the 'Add your code here' box:





The image shows a 'HTML Settings' dialog box with a blue header. It contains two radio buttons: 'Website Address' and 'Code'. The 'Code' option is selected. Below the radio buttons is a text area with the following HTML code: `<iframe width="1024" height="768" src="https://devcloudapi.foxitsoftware.com/collaborationSDK.html?f=/docs/DevCSDKUseCas" />`. An 'Update' button is at the bottom.

Click on 'Publish' to go live with your changes. This is how our website looks:



Done! You now have a complete PDF Viewer in your website page in Wix. You can choose to add this anywhere, within an article, in multiple pages, as a presentation, brochure, whatever you like!

## 4.1.2 Advanced Embedding using JavaScript

This section looks at a slightly more advanced application of the viewer, which is creating a new web application and adding the viewer as a JavaScript Object. You can also use the same copy and paste method from the previous section in this same web application.

### 4.1.2.1 Create a new web project

In this example, you will need a local server like [Node.js](#), [XAMPP](#) or [Microsoft IIS](#) enabled on your machine to run the viewer. We'll use Node.js and the http-server method to create a local web project and run it

1. Create a new directory as a project folder, such as "D:/devcloudapi\_test".
2. Create a html file (index.html) in the "D:/devcloudapi\_test " folder.

### 4.1.2.2 Add JavaScript and HTML tags

In your index.html page, put the following code in the <head> tag:

```
<link rel="stylesheet" href="https://devcloudapi.foxitsoftware.com/css/collaborationSDK.min.css">
<!-- The include below is not required for View API-->
<link rel="stylesheet" href="https://devcloudapi.foxitsoftware.com/css/bundle/app.bundle.css">
<link rel="stylesheet" href="https://devcloudapi.foxitsoftware.com/lib/WebSDK/UIExtension.vw.css">
```

In the body of your HTML page, create a <div> tag like below:

```
<div id="pdf-ui"></div>
```

In the bottom part of your HTML page where you put the <script> tags, please add the followings:

```
<script src="https://devcloudapi.foxitsoftware.com/lib/WebSDK/UIExtension.full.js"></script>
  <script src="https://devcloudapi.foxitsoftware.com/js/collaborationSDK.min.js"></script>
  <script>
    var foxitViewer = foxitCollaborationSDK({
      divId: 'pdf-ui',
      apiKey: 'kI35VjtfdKGUomPn',
      server: 'https://devcloudapi.foxitsoftware.com',
      name: 'devcloud-api-user',
      file: 'https://devcloudapi.foxitsoftware.com/docs/FoxitPDFSDKforWeb_DemoGuide.pdf',
      fileName: 'FoxitPDFSDKforWeb_DemoGuide.pdf'
    });
  </script>
```

Your complete index.html file should look like this:

```
<html>
<head>
  <meta charset="utf-8">
  <link rel="stylesheet" href="https://devcloudapi.foxitsoftware.com/css/collaborationSDK.min.css">
  <!-- The include below is not required for View API-->
  <link rel="stylesheet" href="https://devcloudapi.foxitsoftware.com/css/bundle/app.bundle.css">
  <link rel="stylesheet" href="https://devcloudapi.foxitsoftware.com/lib/WebSDK/UIExtension.vw.css">
</head>
<body>

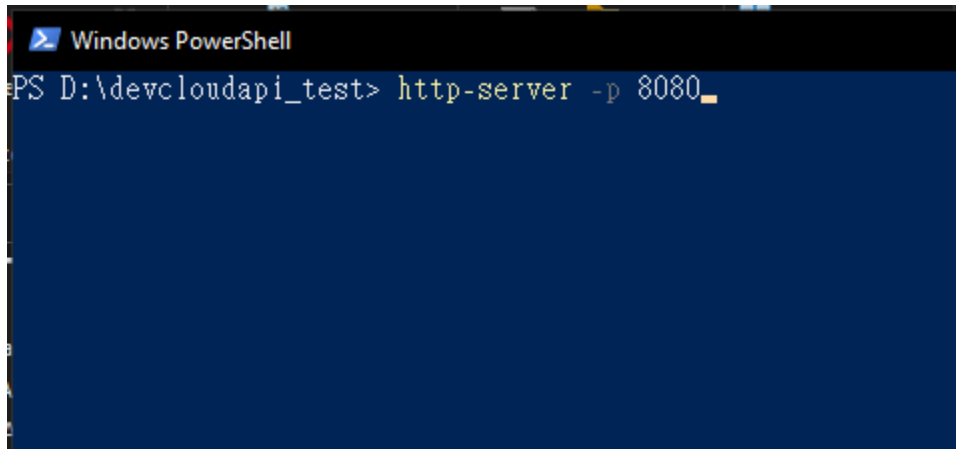
  <div id="pdf-ui"></div>

  <script src="https://devcloudapi.foxitsoftware.com/lib/WebSDK/UIExtension.full.js"></script>
  <script src="https://devcloudapi.foxitsoftware.com/js/collaborationSDK.min.js"></script>
  <script>
    var foxitViewer = foxitCollaborationSDK({
      divId: 'pdf-ui',
      apiKey: 'kI35VjtfDKGUomPn',
      server: 'https://devcloudapi.foxitsoftware.com',
      name: 'devcloud-api-user',
      file: 'https://devcloudapi.foxitsoftware.com/docs/FoxitPDFSDKforWeb_DemoGuide.pdf',
      fileName: 'FoxitPDFSDKforWeb_DemoGuide.pdf'
    });
  </script>
</body>
</html>
```

### 4.1.2.3 Run the project

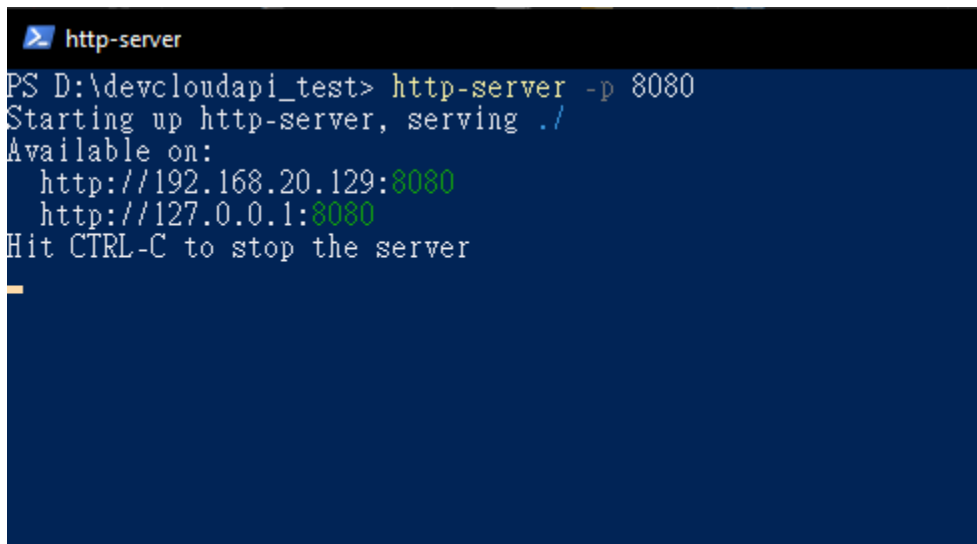
Now, run the command prompt or PowerShell window in the D:/devcloudapi\_test folder and the Node http-server command:





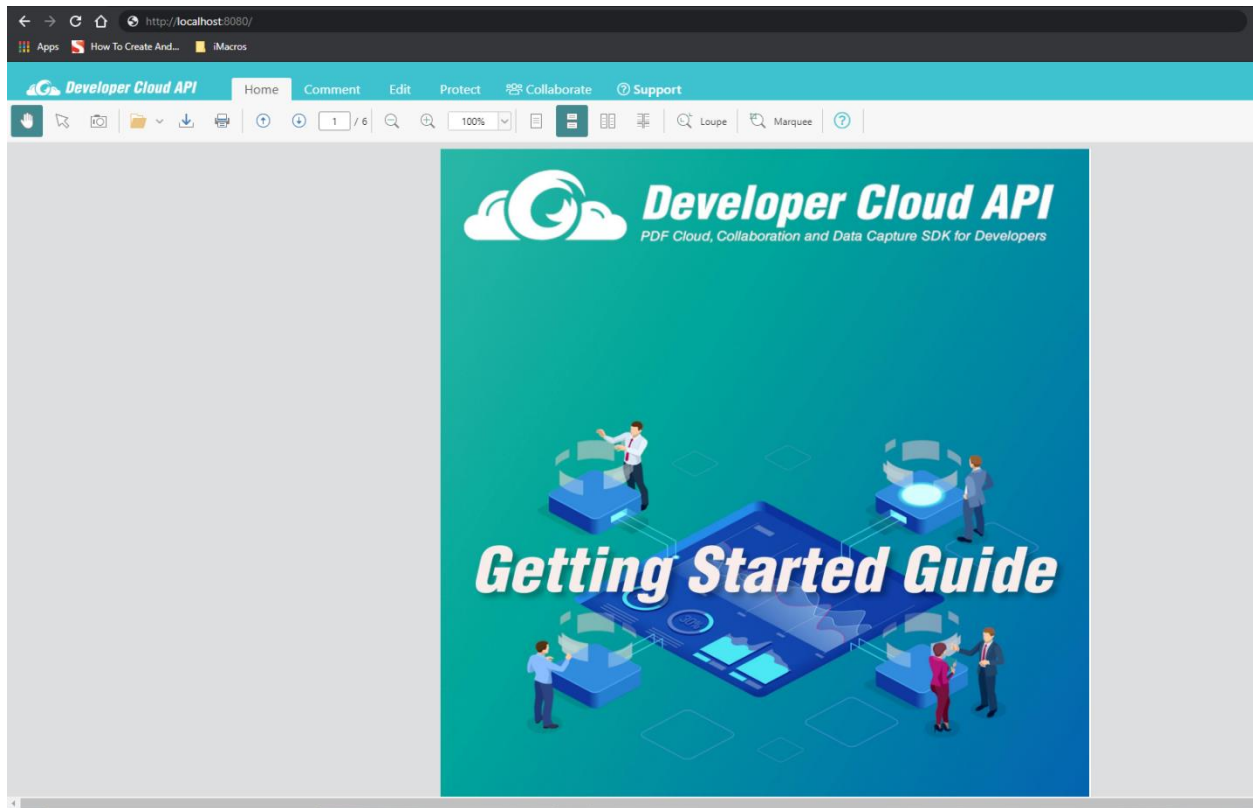
```
Windows PowerShell
PS D:\devcloudapi_test> http-server -p 8080
```

Node will open the local server in the 8080 port:



```
http-server
PS D:\devcloudapi_test> http-server -p 8080
Starting up http-server, serving ./
Available on:
  http://192.168.20.129:8080
  http://127.0.0.1:8080
Hit CTRL-C to stop the server
```

And finally go to <http://localhost:8080> :



Done, you've just wrapped the DevCloudAPI into a JavaScript object and embedded the viewer into a local web application using Foxit Developer Cloud API! The possibilities are endless, and there are many more advanced workflows you can do with this option.

If you need more information or support for advanced workflows, get in touch using the <https://devcloudapi.foxitsoftware.com/support>

## 5 Technical Support

### Reporting Problems

Foxit offers 24/7 support for its products and are fully supported by the PDF industry's largest development team of support engineers. If you encounter any technical questions or bug issues when using Foxit Developer Cloud API, please submit the problem report to our support team at <http://devcloudapi.foxitsoftware.com/support>.

### Contact Information

You can contact Foxit directly, please use the contact information as follows:

### **Foxit Support:**

- <http://www.foxitsoftware.com/support/>

### **Sales Contact:**

- Phone: 1-866-680-3668
- Email: [sales@foxitsoftware.com](mailto:sales@foxitsoftware.com)

### **Support & General Contact:**

- Phone: 1-866-MYFOXIT or 1-866-693-6948
- Email: [support@foxitsoftware.com](mailto:support@foxitsoftware.com)