





1 F	oxit	Develop	per Cloud API Overview	1	
	1.1	Li	icense	1	
2	Getting Started				
	2.1	D	Peveloper Cloud API Platform	2	
		2.1.1	Dashboard	2	
		2.1.2	Projects	3	
		2.1.3	Creating and Working on Projects	6	
		2.1.3.1	Create a new project	6	
		2.1.3.2	Setup your first project	7	
		2.2	Understanding the APIs	11	
		2.3	Usage and Quotas	12	
		2.3.1	Setting up a monthly Quota	14	
		2.4	Analytics	15	
3	Customizing your Developer Cloud API PDF Viewer				
		3.1	General Options	17	
		3.1.1	Changing your default URL	17	
		3.1.2	Changing your viewer size	17	
		3.2	Toolbar and Sidebar	18	
		3.2.1	Modifying toolbar and sidebar layouts	18	
		3.3	Adding your logo	20	
		3.4	Changing viewer colors	21	
4	Wo	orking w	vith the Developer Cloud API PDF Viewer	23	
		4.1	Embedding options	24	
		4.1.1	Simple Embedding	24	
		4.1.1.1	Using HTML	24	
		4.1.1.2	In a Content Management System (CMS)	26	
		4.1.1.2.1	1 Wordpress	26	

5	Technical S	upport	37
	4.1.2.3	Run the project	35
	4.1.2.2	Add JavaScript and HTML tags	33
	4.1.2.1	Create a new web project	33
	4.1.2	Advanced Embedding using JavaScript	33
	4.1.1.2.2	Wix	29

1 Foxit Developer Cloud API Overview

By using Foxit PDF SDK for Web developers can deploy and customize a Foxit PDF SDK for Web that supports viewing PDF documents within a web browser. Integrating a Foxit PDF SDK for Web into a zero-footprint web app allows end users to view PDF documents on desktop and mobile devices without installing anything.

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

Our licensing model

Developers are required to purchase licenses to use Foxit PDF SDK for Web in their solutions. Licenses grant users permission to release their applications based on Foxit PDF SDK for Web. However, users are prohibited to distribute any documents, sample codes, or source codes in the released packages of Foxit PDF SDK for Web to any third party without the permission from Foxit Software Incorporated.

Commented [Jo1]: For users, who approach this product but have no knowledge about Foxit PDF SDK for Web, may feel strange about reading the term "Foxit PDF SDK for Web". Same problem may exist in our sales page (home page). Maybe we can add a link to the Web SDK product page could help.

Commented [AM2R1]: No, this is just the blob from the SDK guide I used as reference, it will be removed completely

Commented [AM3R1]:

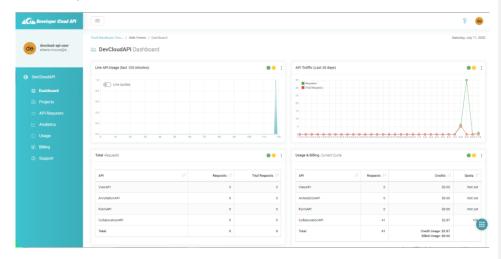
Commented [AM4]: @Conor Smith , I'd like you to write this section, to make sure that we properly explain the whole license and subscription upgrade options. It's kind of in the dark at the moment, so we need to talk to Susana about what's the best approach here. Nevertheless, we need to write it down, I reference this section on other parts of the guide where we talk about purchase, upgrade etc.

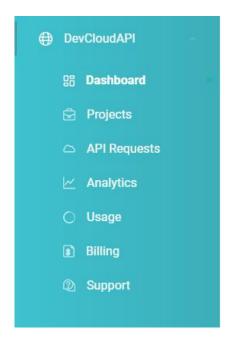
2 Getting Started

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:

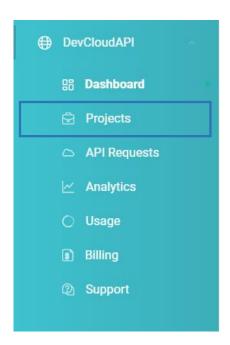




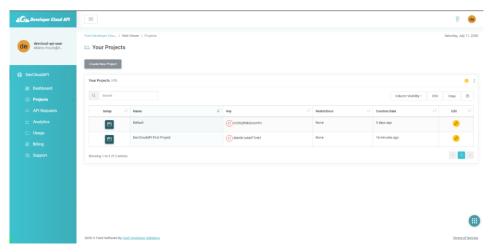
In your dashboard home page, you will see the tracking information for the projects you create, the amount of requests your PDF viewer and your monthly usage data. All the data is tracked live and updated on real-time while anyone is using the DevCloudAPI viewer.

2.1.2 Projects

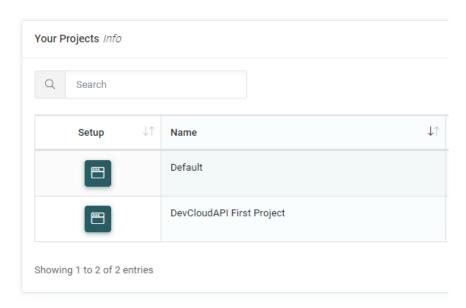
The first step to understanding how to deploy the DevCloudAPI PDF viewer is by creating or using a project. Essentially, a project is where your **DevCloudAPI PDF Viewer** will be hosted, where you will configure its settings before you deploy it to your website, CMS or application.



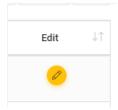
This is your Projects page:



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

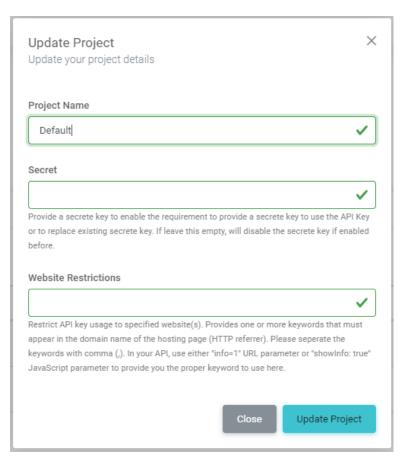


You may change the name of your project anytime by clicking in the 'Edit' button.



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.

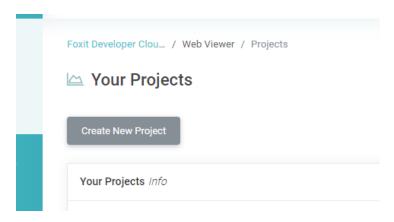


However useful, these options are **optional** and provide a good way to further secure the access to the PDF viewer instances of your projects. If you have any difficulties or require assistance setting these options, please submit a form in http://devcloudapi.foxitsoftware.com/support and our team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

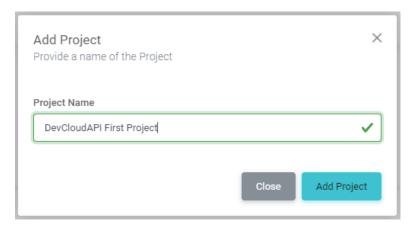
2.1.3 Creating and Working on Projects

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':

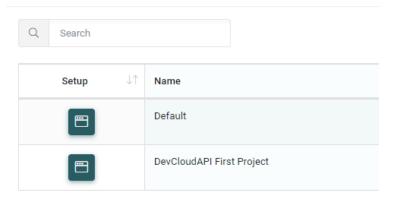


Click on 'Add Project', and done! Your project will appear in the projects table. We will work with the 'DevCloudAPI First Project' in these tutorials.

2.1.3.2 Setup your first project

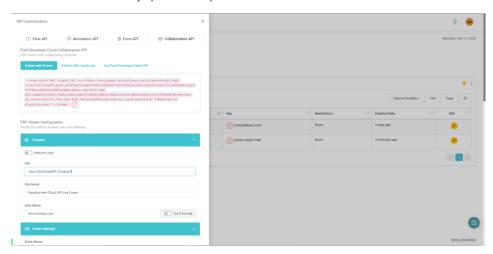
Any time you wish to open your DevCloudAPI project's PDF viewer or make any change in the configuration, you must click on the 'Setup' button.

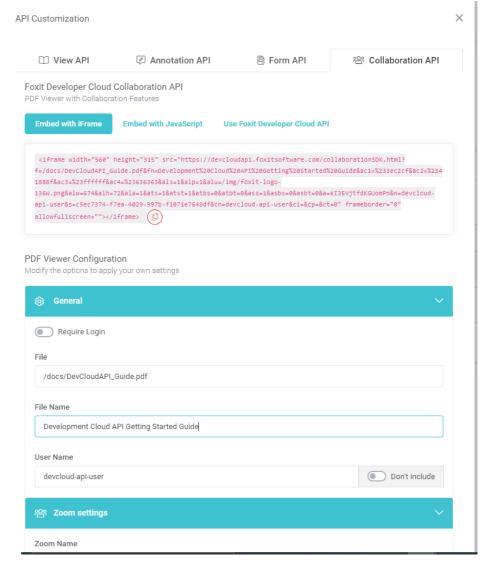
Your Projects Info



Showing 1 to 2 of 2 entries

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





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:

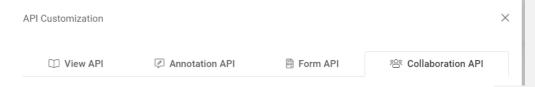


As easy as this, you have opened up the DevCloudAPI PDF Viewer for the first time! Now that you understand the first steps on how to deploy the viewer, we will look at the different options of viewers the DevCloudAPI provides, and a few more topics on how to use the platform.

2.2 Understanding the APIs

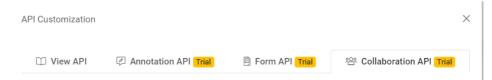
There are four main APIs you can use to deploy the DevCloudAPI PDF Viewer, and each one provides different functionality to use in your PDFs when you add the PDF viewer to your website or application.

The four options are displayed in your Setup window:

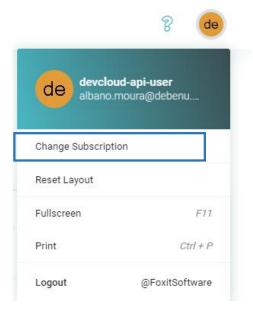


- View API Provides PDF viewing only
- Annotation API Provides full PDF viewing and annotation capabilities
 - o Complete set of markups and annotation tools
 - o Import/Export your annotations to your local client
- Forms API Provides full PDF View/Edit and Forms functionality
 - o Text Editing
 - o Form filling
 - o Import/Export your forms data to your local client
- Collaboration API Provides the complete set of functionality of the Foxit Developer Cloud API Platform
 - o Full PDF View/Edit functionality
 - o Complete set of markups and annotation tools
 - o Real-time Collaboration
 - View PDF files and interact in real-time with other users by sharing a single URL link
 - o Chat
 - o 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 able to use it as a 'Trial' watermarked version:



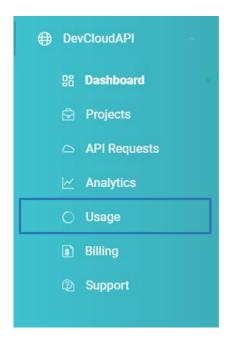
You may upgrade your account at any time by going to your user avatar in the top left and click on 'Change Subscription':



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.



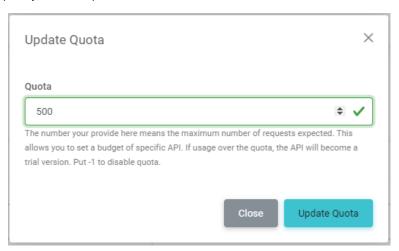
Every month, the platform will track how many requests have been made to the DevCloudAPI to open the viewer. If you want to control how many requests are made, you may set up a limit to how many times the viewer can be opened in a month.

2.3.1 Setting up a monthly Quota

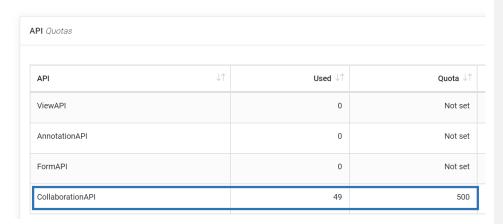
Click on the 'Edit' icon to set a quota limit for monthly usage.



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'.



API Usage



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.





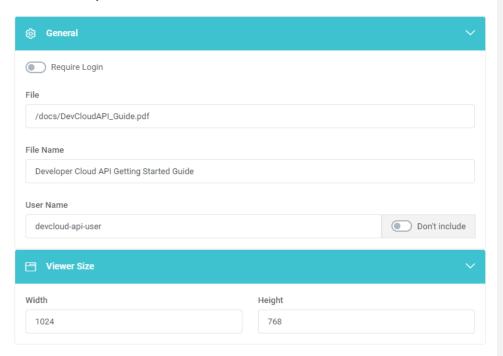
And this is a quick introduction to get you started using DevCloudAPI platform! You should be able to start testing and choose which API you'd like to use, create new projects and much more.

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



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.

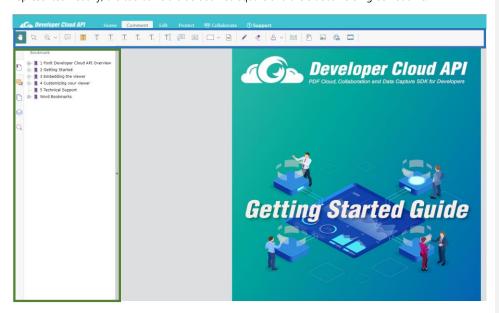
Note: Make sure your server has CORS policy enabled to accept cross-reference requests, or this option might not work

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.

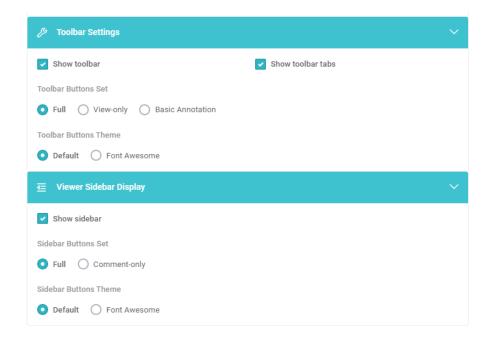
3.2 Toolbar and Sidebar

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

Button Layout

- o 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)

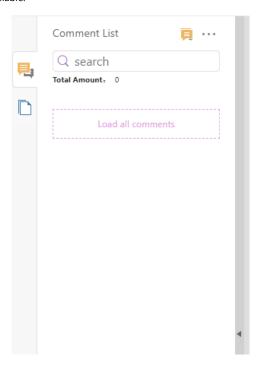


You may choose between the default theme or a secondary theme based on Font Awesome Light icons.

Sidebar Settings

Button Layout

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

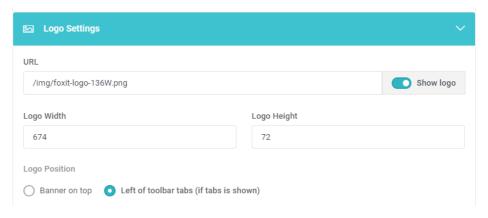


You may choose between the default theme or a secondary theme based on Font Awesome Light icons.

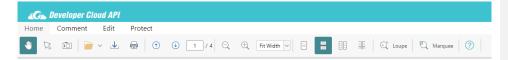
Note: There were bug reports that the sidebar does not display by default. If that is the case, please try to **add a simple annotation to the page** to trigger the sidebar activity.

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.



Banner on top



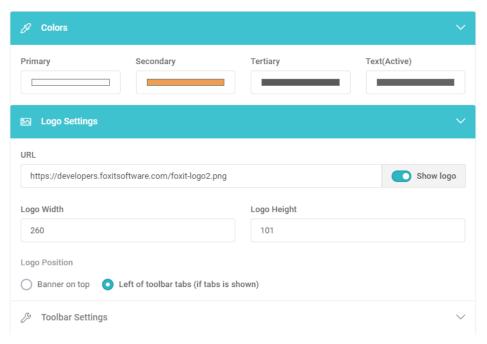
Left of toolbar tabs

3.4 Changing viewer colors

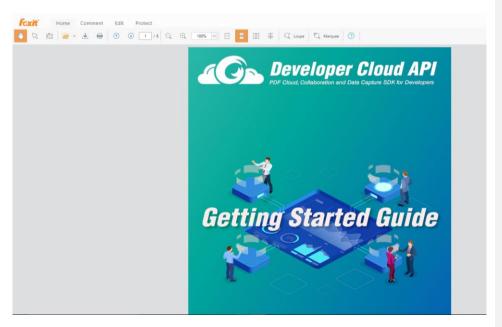
The set of default colors are provided below with the DevCloudAPI original color guide styling:



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:



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

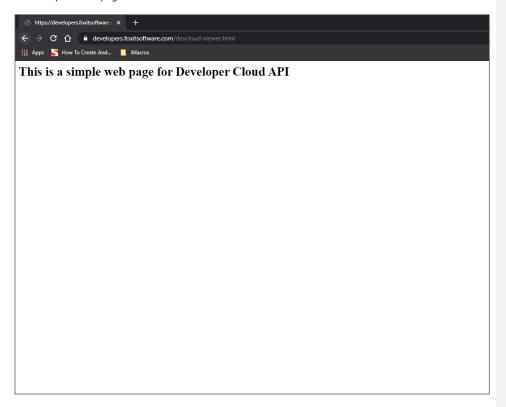
Viewer

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.

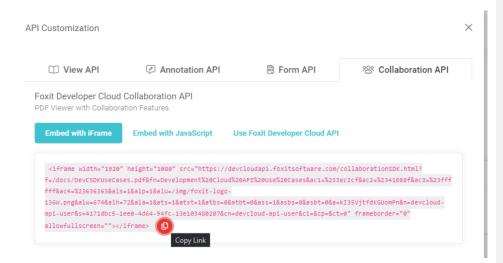


4.1.1.1 Using HTML

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

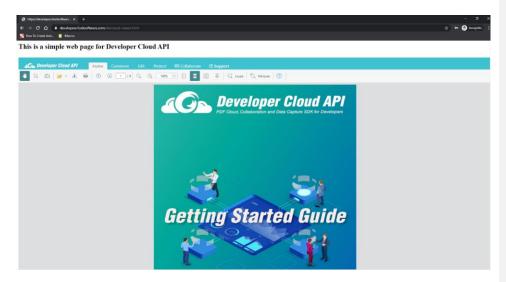
First, click on the 'Embed with iFrame' button and copy the tag code in your project by clicking the 'Copy Link' button.

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.



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.

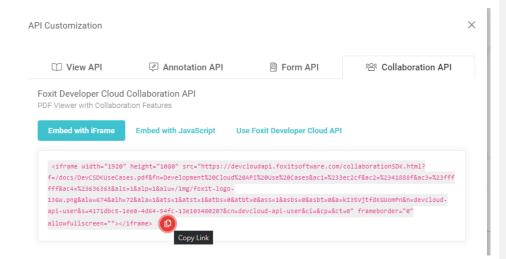
Now, if you don't have any programming experience and is hosting your website in a content management system like Wordpress or Wix, the next section will show you how to do it.

4.1.1.2 In a Content Management System (CMS)

4.1.1.2.1 Wordpress

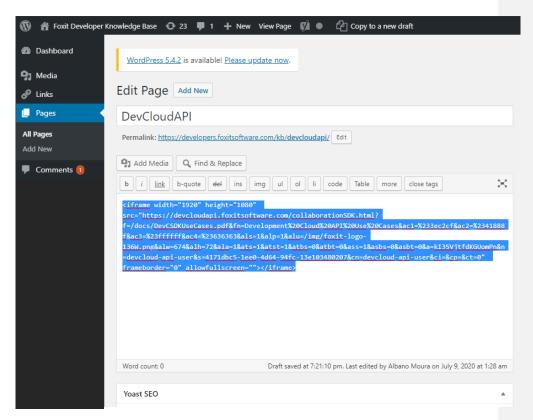
First, click on the 'Embed with iFrame' button and copy the tag code in your project by clicking the 'Copy Link' button.

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.



In your wordpress website, create a simple new page or article for testing purposes. Here's their <u>own</u> <u>article</u> on how to do it. We've called our page 'DevCloudAPI' in this example.

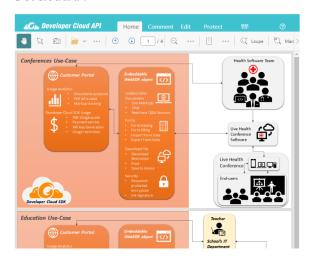
In your page editing window, paste the iframe element.



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



DevCloudAPI

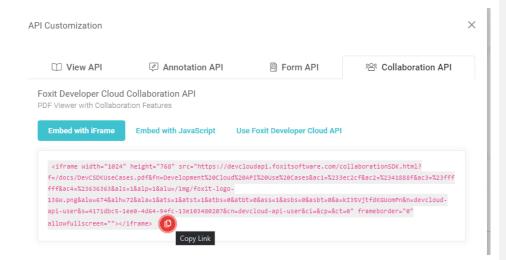


Done! You now have a complete PDF Viewer in your website page in Wordpress. You can choose to add this anywhere, within an article, in multiple pages, as a presentation, brochure, whatever you like!

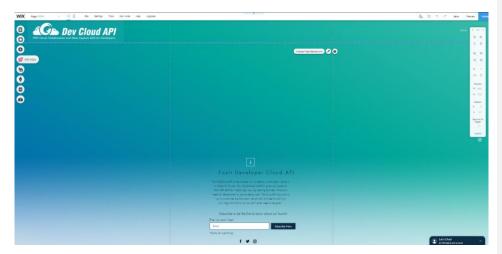
4.1.1.2.2 Wix

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

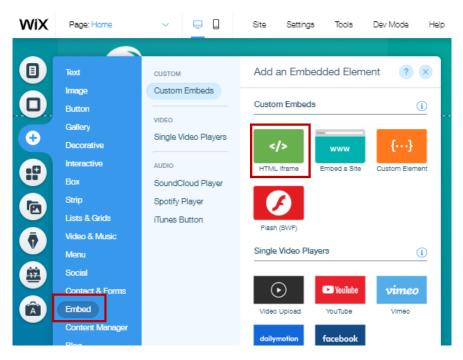
We suggest you change the viewer size (Check the 'Viewer Size' section to learn how) before you do it to put it on the correct size for your page. We changed our dimensions to 1024x768 to fit on our page style.



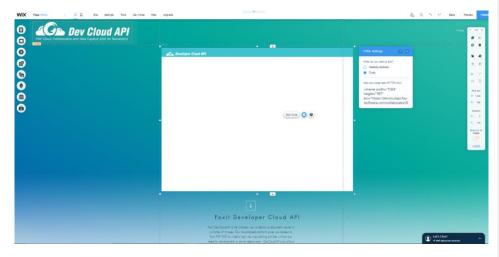
In your Wix website, create a simple new page or article for testing purposes. Here's their <u>own article</u> on how to do it. We have created a Devcloudapi website in Wix for testing and added some of our branding to it.

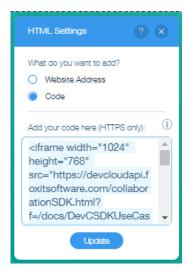


In your editing window, create a new Embed element and choose 'HTML iframe'.

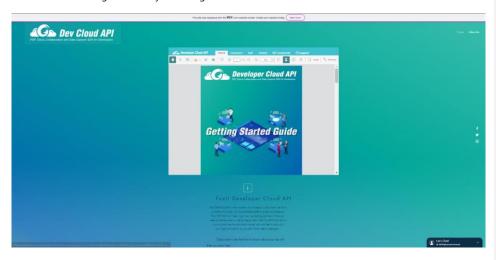


Place the object in the page, click on the 'Edit Code' button. Paste your iframe link from DevCloudAPI and paste on the 'Add your code here' box:





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 <u>Node.js</u>, <u>XAMPP</u> or <u>Microsoft IIS</u> 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:

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:

Your complete index.html file should look like this:

```
<html>
   <meta charset="utf-8">
   <link rel="stylesheet" href="https://devcloudapi.foxitsoftware.com/css</pre>
/collaborationSDK.min.css">
   <link rel="stylesheet" href="https://devcloudapi.foxitsoftware.com/css</pre>
/bundle/app.bundle.css">
   <link rel="stylesheet" href="https://devcloudapi.foxitsoftware.com/lib</pre>
'WebSDK/UIExtension.vw.css">
   <div id="pdf-ui"></div>
   <script src="https://devcloudapi.foxitsoftware.com/lib/WebSDK/UIExtens</pre>
   <script src="https://devcloudapi.foxitsoftware.com/js/collaborationSDK</pre>
   var foxitViewer = foxitCollaborationSDK({
   divId: 'pdf-ui',
   apiKey: 'kI35VjtfdKGUomPn',
   server: 'https://devcloudapi.foxitsoftware.com',
   name: 'devcloud-api-user',
   file: 'https://devcloudapi.foxitsoftware.com/docs/FoxitPDFSDKforWeb_De
noGuide.pdf',
   fileName: 'FoxitPDFSDKforWeb_DemoGuide.pdf'
```

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:

```
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

Support & General Contact:

• Phone: 1-866-MYFOXIT or 1-866-693-6948

• Email: support@foxitsoftware.com