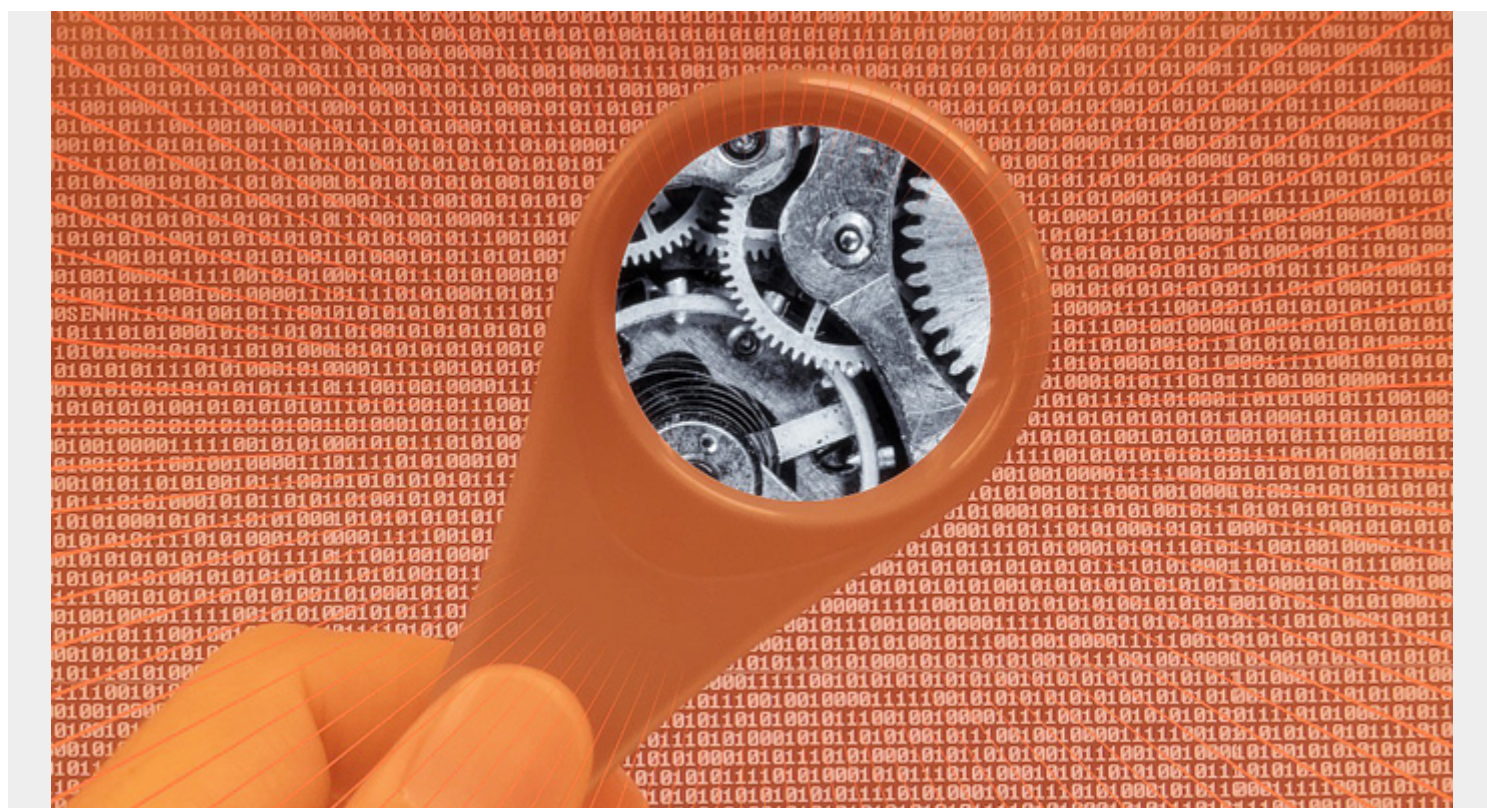


API/DEVELOPER PORTALS: HOW TO CREATE GREAT API PORTALS



If you're a [developer](#), you've no doubt encountered the terms API portal and developer portal. The goal of these portals is to educate developers so they can use the associated APIs—so what goes into the best API portals? Let's take a look.

What is an API portal?

The API portal, also called the developer portal, is the intermediary between the API provider and the API consumer. (An application programming interface is how you set up interactions with various software apps.) The API portal will offer documentation about using the API.

The API portal is located on a company's website. It can usually be found under a developer's page, otherwise just search on the website. In the portal, you can get information about:

- The API
- How to use it
- API keys
- When versions are released or being deprecated

The API portal is there to encourage development engagement and innovation with the API. When good communication exists around the product, it is easier for people to adopt and to use. That is what the API Portal is for.

What makes a good API portal?

The [DevPortal awards](#) are a great place to see good, different approaches to the API portal. The success of the API portal depends entirely around communication. When its purpose is to communicate what the API is and how people should and can be using it, the task becomes one of communication.

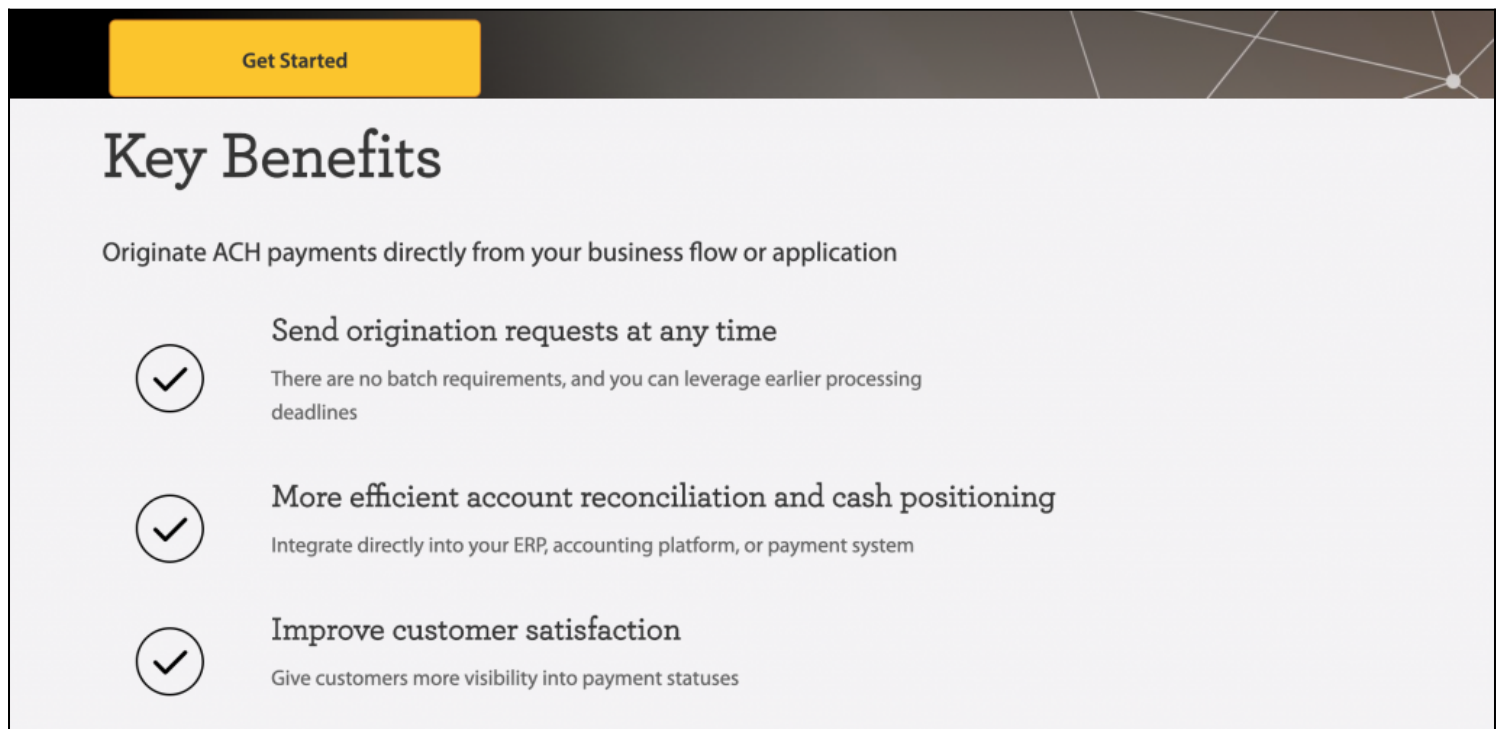
How an API communicates its use is specific to the API. Wells Fargo may have more hurdles to get through than Twitter because of its sensitive account data. But Twitter may have more restrictions about how many calls can be made to its API because of the sheer volume of data that passes through it. Each API is different, and those things that make it different need to be communicated.

Communication is key to the success of an API Portal. A good API portal has two characteristics:

- A clear statement about the value the API offers the developer
- Steps for getting started

API value statement

[Wells Fargo has multiple APIs](#) on offer. On each offerings, they write a one-liner that states what the API does, and how it helps the developer.



The image shows a screenshot of a web page for Wells Fargo's API portal. At the top, there is a dark header with a yellow button labeled "Get Started". Below the header, the main content area has a light gray background. The section is titled "Key Benefits" in a large, bold, dark font. Underneath the title, there is a sub-heading: "Originate ACH payments directly from your business flow or application". This is followed by three bullet points, each with a circular icon containing a checkmark. The first bullet point is "Send origination requests at any time" with the sub-text "There are no batch requirements, and you can leverage earlier processing deadlines". The second bullet point is "More efficient account reconciliation and cash positioning" with the sub-text "Integrate directly into your ERP, accounting platform, or payment system". The third bullet point is "Improve customer satisfaction" with the sub-text "Give customers more visibility into payment statuses".

Get Started

Key Benefits

Originate ACH payments directly from your business flow or application

- ✓ **Send origination requests at any time**
There are no batch requirements, and you can leverage earlier processing deadlines
- ✓ **More efficient account reconciliation and cash positioning**
Integrate directly into your ERP, accounting platform, or payment system
- ✓ **Improve customer satisfaction**
Give customers more visibility into payment statuses

How you can use the ACH Payments API

There are a number of applications for the ACH Payments API, including payments to your customers, suppliers, last-minute payroll payments, or marketplace payouts

Pay policy holder claims in the field

An insurance agent or adjuster can submit a claim through the company's application or system

The insurance system approves payment and originates an ACH transaction within minutes

The policyholder receives a payment status notification and subsequently receives the funds in their deposit accounts

For this ACH payments API, these components form the entire page. Each API gets this one-page treatment.

Steps for getting started

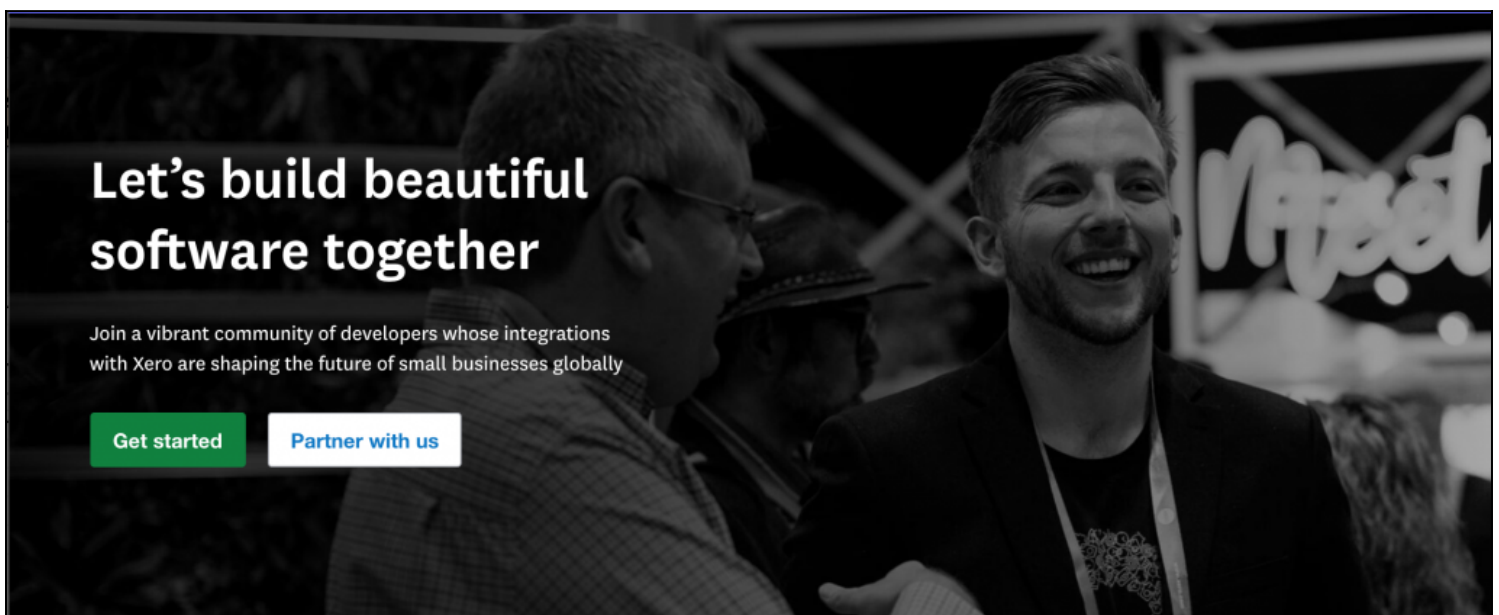
Like good sales, after the API is shown and a developer wishes to try it out, a Getting Started page should be:

- Easy to access
- Easy to follow

The getting started page should be somewhere obvious on the website:

- In a header or footer with other links
- In a popup menu chat agent
- In the body of text with the API service description.

It should be easy for a developer to say, "I want to get started." Then say, "Great, there's the link so I can." [Xero's](#) Get started button is built right into their banner, making it take center stage on their developer portal:



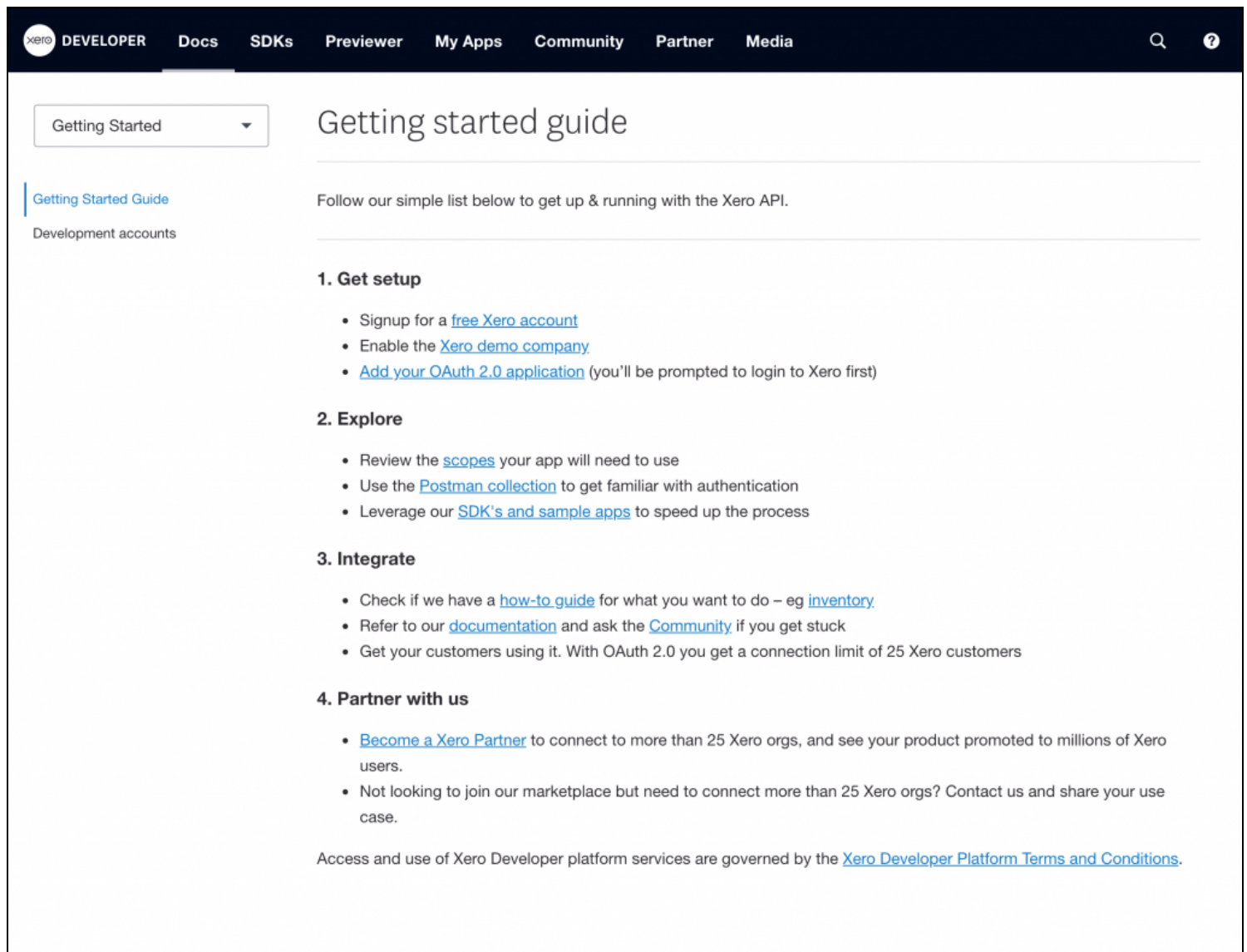
Developers are used to reading instructions. Every software library should have good documentation: it is a principle of a good developer to read, and follow, the directions.

The getting started documentation should be easy to follow:

- Numbered bullet points are a good way to organize information into steps. But caution: you don't want to have too many steps for devs to follow. That gets complex.
- The documentation can be very plain. It should be, right? Because that is the simplest to read.

While it might contain high-tech information, the portal needs to be read and understood by devs, so it is common to see the getting started guide look like a simple Wiki page.

Another way to increase user adoption? Simplicity. These getting started pages can—should—stay short. Xero's entire documentation fits in one screen, contained in 4 bullet points:



The screenshot shows the Xero Developer portal's 'Getting started guide' page. The navigation bar at the top includes 'DEVELOPER', 'Docs', 'SDKs', 'Previewer', 'My Apps', 'Community', 'Partner', and 'Media'. A search icon and a help icon are on the right. The main content area has a 'Getting Started' dropdown menu on the left. The page title is 'Getting started guide'. Below the title, it says 'Follow our simple list below to get up & running with the Xero API.' The guide is organized into four numbered sections:

- 1. Get setup**
 - Signup for a [free Xero account](#)
 - Enable the [Xero demo company](#).
 - [Add your OAuth 2.0 application](#) (you'll be prompted to login to Xero first)
- 2. Explore**
 - Review the [scopes](#) your app will need to use
 - Use the [Postman collection](#) to get familiar with authentication
 - Leverage our [SDK's and sample apps](#) to speed up the process
- 3. Integrate**
 - Check if we have a [how-to guide](#) for what you want to do – eg [inventory](#).
 - Refer to our [documentation](#) and ask the [Community](#) if you get stuck
 - Get your customers using it. With OAuth 2.0 you get a connection limit of 25 Xero customers
- 4. Partner with us**
 - [Become a Xero Partner](#) to connect to more than 25 Xero orgs, and see your product promoted to millions of Xero users.
 - Not looking to join our marketplace but need to connect more than 25 Xero orgs? Contact us and share your use case.

At the bottom, it states: 'Access and use of Xero Developer platform services are governed by the [Xero Developer Platform Terms and Conditions](#).'

Bonus items: good to great API portals

Most API portals share information about the API: what it does and how to use it. But a great portal includes extra items—here are two:

Authorization instructions. Each API usually has an auth provider it works with to see who is using it, and throttle, or charge, for the API use. [OAuth2](#) has become a standard.

Developer community. Given the size of the API and the people using it, some companies may put together the resources for where their developers can meet and discuss their use of the API. This

can be done on [GitHub](#), Slack channels, Discord, or self-built forums. In these communities, developers:

- Help each other get started
- Discuss problems they are having using the API
- Request new features

This community is there to help both the developers using the API use the API itself, but also allows the API providers to stay in touch with the people using their service so they know how to tweak their services to make the developers happy.

Communication for API success

There is no API without an API Portal. And it is essential to have good communication inside your API portal. If you're going to the effort to put an API together to serve a community, then you can go through the effort to explain what it is, what it does, and how to use it.

Additional resources

For more, check out these resources:

- [BMC DevOps Blog](#)
- [What is a Citizen Developer?](#)
- [Java Developer Roles and Responsibilities](#)
- [What Is Pair Programming?](#)
- [Resilience Engineering: An Introduction](#)