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Overview

This article walks through the steps to connect your **PayPal Payments Pro (business account)** with your **Trail Blazer** database. This allows you to process money through our integrated [donation](#) form, [event](#) registration system, and our integrated [shopping](#) cart.

It begins by going through the steps on how to generate your [PayPal Payments Pro API Username, Password, and Signature](#), and from there, how to plug that information into the **Payment Gateway** section of your database.

Important: there are quite a few different versions of PayPal, in order to utilize our integration, you will need to purchase a “Pro – Business Account”. *If* you are a **nonprofit**, they have special pricing that you can [apply for](#).

 **Tip:** If you run into any issues on the PayPal side of things, you can contact PayPal Pro tech support: <https://www.paypal.com/us/webapps/helpcenter/helpub/home/> or **1-888-818-3922**.

Activate your PayPal Pro Account and Generate you API Credentials

Important: you'll need System Admin [security clearance](#) to complete this task. If you don't currently have it, one of your database administrators will either need to provide it, or you will need to work with one of your database admins or a Trail Blazer support tech.

First, **apply** for your **PayPal Payments Pro business** account.

Apply Online: <https://www.paypal.com/us/webapps/mpp/referral/paypal-payments-pro>

Apply by Phone: 1-877-455-1505

Once your account is activated, **log in:** <https://www.paypal.com/us/webapps/mpp/referral/paypal-payments-pro>



Create your own payment solution.

Develop a payment processing solution as unique as your business. You get everything you need without the extra fees*.



[Get Started](#)

* See Pricing

1 Fully customizable APIs

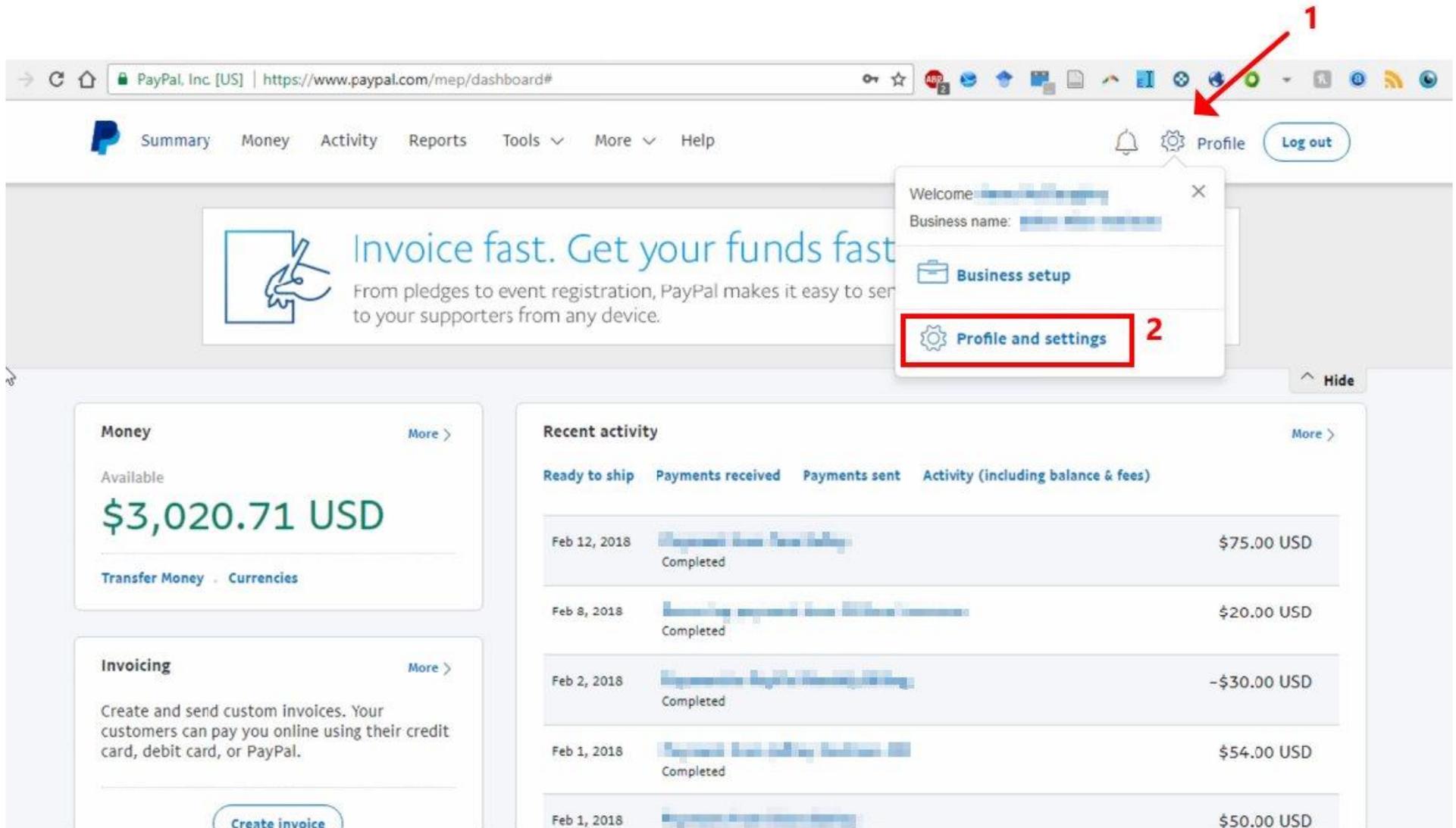
2 Clear pricing, no hidden fees*

3 No long-term commitments or monthly minimums

How to Connect your PayPal Pro (Business Account) to your Trail Blazer Database

Click the **Gear** icon in the top-right and select the **Profile and Settings** option.

How to Connect your PayPal Pro (Business Account) to your Trail Blazer Database



PayPal, Inc [US] | <https://www.paypal.com/mep/dashboard#>

Summary Money Activity Reports Tools More Help Profile Log out

Welcome: [redacted]
Business name: [redacted]

Business setup
Profile and settings

Money [More >](#)
Available
\$3,020.71 USD
[Transfer Money](#) · [Currencies](#)

Invoicing [More >](#)
Create and send custom invoices. Your customers can pay you online using their credit card, debit card, or PayPal.
[Create invoice](#)

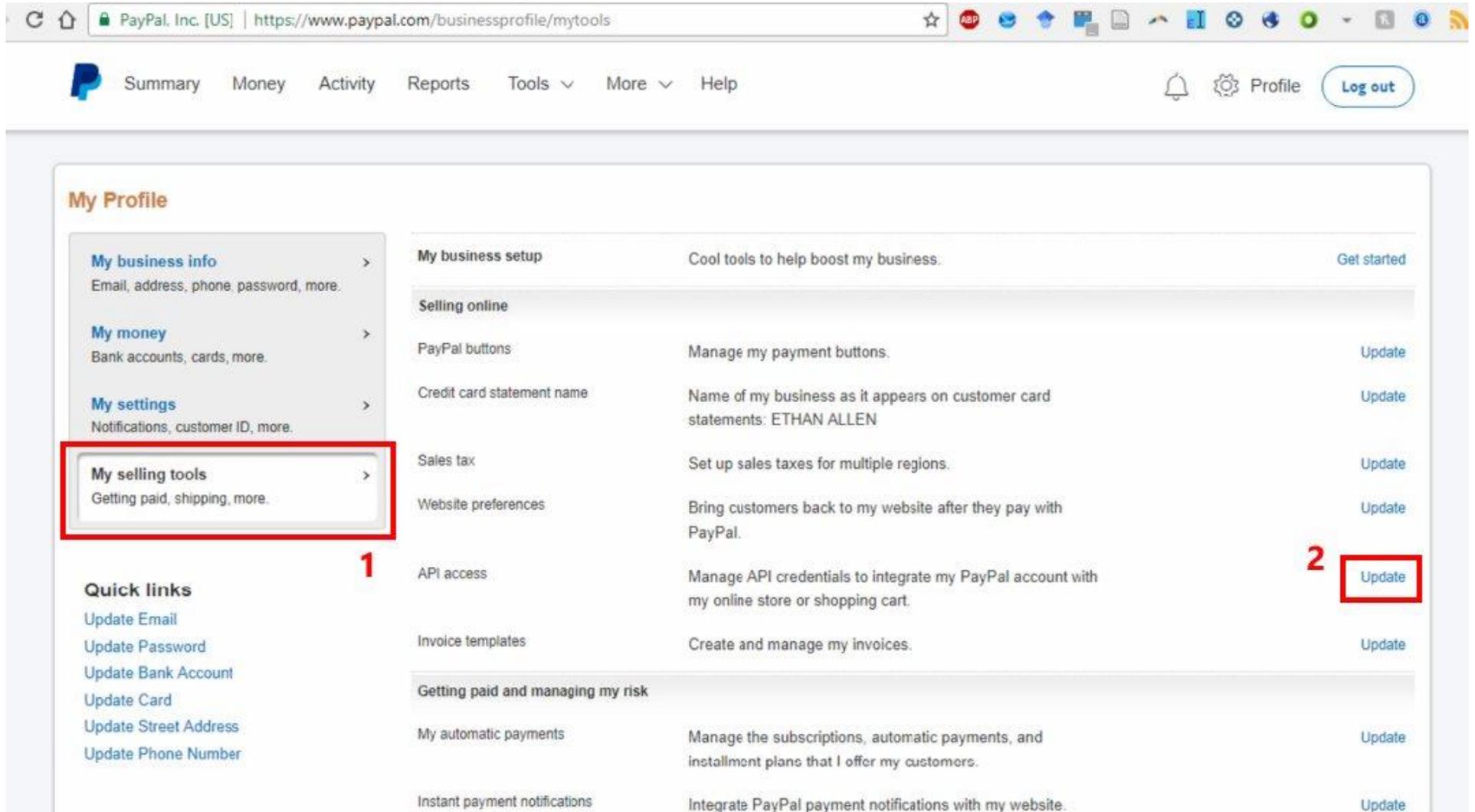
Recent activity [More >](#)
[Ready to ship](#) [Payments received](#) [Payments sent](#) [Activity \(including balance & fees\)](#)

Date	Description	Amount
Feb 12, 2018	[redacted] Completed	\$75.00 USD
Feb 8, 2018	[redacted] Completed	\$20.00 USD
Feb 2, 2018	[redacted] Completed	-\$30.00 USD
Feb 1, 2018	[redacted] Completed	\$54.00 USD
Feb 1, 2018	[redacted]	\$50.00 USD

How to Connect your PayPal Pro (Business Account) to your Trail Blazer Database

On the **My Profile** screen, click on **My selling tools** and then click the '**Update**' hyperlink next to the **API access** section.

How to Connect your PayPal Pro (Business Account) to your Trail Blazer Database



The screenshot shows the PayPal Business Profile 'My Profile' page. The browser address bar displays 'PayPal, Inc. [US] | https://www.paypal.com/businessprofile/mytools'. The navigation menu includes 'Summary', 'Money', 'Activity', 'Reports', 'Tools', 'More', and 'Help'. The 'My Profile' section is divided into several categories:

- My business info**: Email, address, phone, password, more.
- My money**: Bank accounts, cards, more.
- My settings**: Notifications, customer ID, more.
- My selling tools**: Getting paid, shipping, more. (Highlighted with a red box and a red '1')

The 'My selling tools' category is expanded, showing the following items:

- My business setup**: Cool tools to help boost my business. (Get started)
- Selling online**
 - PayPal buttons: Manage my payment buttons. (Update)
 - Credit card statement name: Name of my business as it appears on customer card statements: ETHAN ALLEN. (Update)
 - Sales tax: Set up sales taxes for multiple regions. (Update)
 - Website preferences: Bring customers back to my website after they pay with PayPal. (Update)
 - API access: Manage API credentials to integrate my PayPal account with my online store or shopping cart. (Update) (Highlighted with a red box and a red '2')
 - Invoice templates: Create and manage my invoices. (Update)
- Getting paid and managing my risk**
 - My automatic payments: Manage the subscriptions, automatic payments, and installment plans that I offer my customers. (Update)
 - Instant payment notifications: Integrate PayPal payment notifications with my website. (Update)

How to Connect your PayPal Pro (Business Account) to your Trail Blazer Database

You may get a prompt to pass a security check. If you get this message, follow the instructions verify an sms message or answer a security questions to proceed.

On the next page, scroll down until you get to the **NVP/SOAP API integration (Classic)** and click the **'Manage API credentials'** link.

Summary Money Activity Reports Tools ▾ More ▾ Help

  Profile [Log out](#)

Pre-built payment solution

If you're using or plan to use a 3rd-party platform, like Magento or Shopify, for shopping carts and online stores where the PayPal payment processor is built in.

[Grant API permission](#), or [Manage API permission](#)

REST API integration

Get REST API credentials for test and live transactions with apps you create on the PayPal Developer site for your checkout, subscriptions, invoicing, and payouts needs.

[Manage REST API apps and credentials](#)

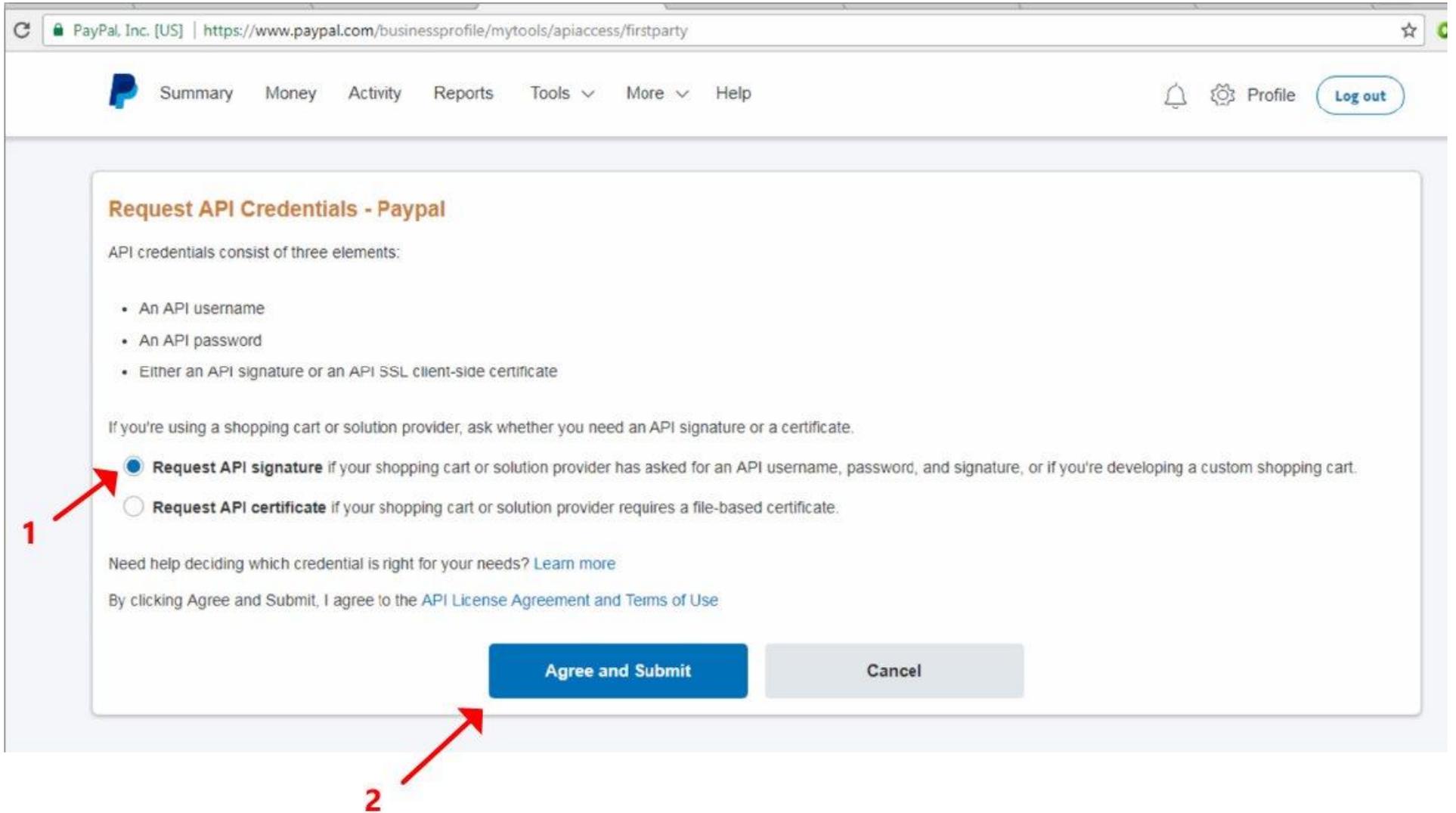


NVP/SOAP API integration (Classic)

You or your developer integrated NVP/SOAP (or "Classic") APIs that allow you to accept payments via PayPal.

[Manage API credentials](#)

Select the radio button option for **Request API Signature** and then click **[Agree and Submit]**.



The screenshot shows the PayPal 'Request API Credentials - Paypal' page. The page title is 'Request API Credentials - Paypal'. Below the title, it states 'API credentials consist of three elements:' followed by a bulleted list: 'An API username', 'An API password', and 'Either an API signature or an API SSL client-side certificate'. A note says 'If you're using a shopping cart or solution provider, ask whether you need an API signature or a certificate.' There are two radio button options: 'Request API signature' (which is selected) and 'Request API certificate'. A red arrow labeled '1' points to the 'Request API signature' radio button. Below the options, there is a link 'Learn more' and a statement 'By clicking Agree and Submit, I agree to the API License Agreement and Terms of Use'. At the bottom, there are two buttons: 'Agree and Submit' (highlighted in blue) and 'Cancel'. A red arrow labeled '2' points to the 'Agree and Submit' button.

PayPal, Inc. [US] | <https://www.paypal.com/businessprofile/mytools/apiaccess/firstparty>

Summary Money Activity Reports Tools More Help Profile Log out

Request API Credentials - Paypal

API credentials consist of three elements:

- An API username
- An API password
- Either an API signature or an API SSL client-side certificate

If you're using a shopping cart or solution provider, ask whether you need an API signature or a certificate.

Request API signature if your shopping cart or solution provider has asked for an API username, password, and signature, or if you're developing a custom shopping cart.

Request API certificate if your shopping cart or solution provider requires a file-based certificate.

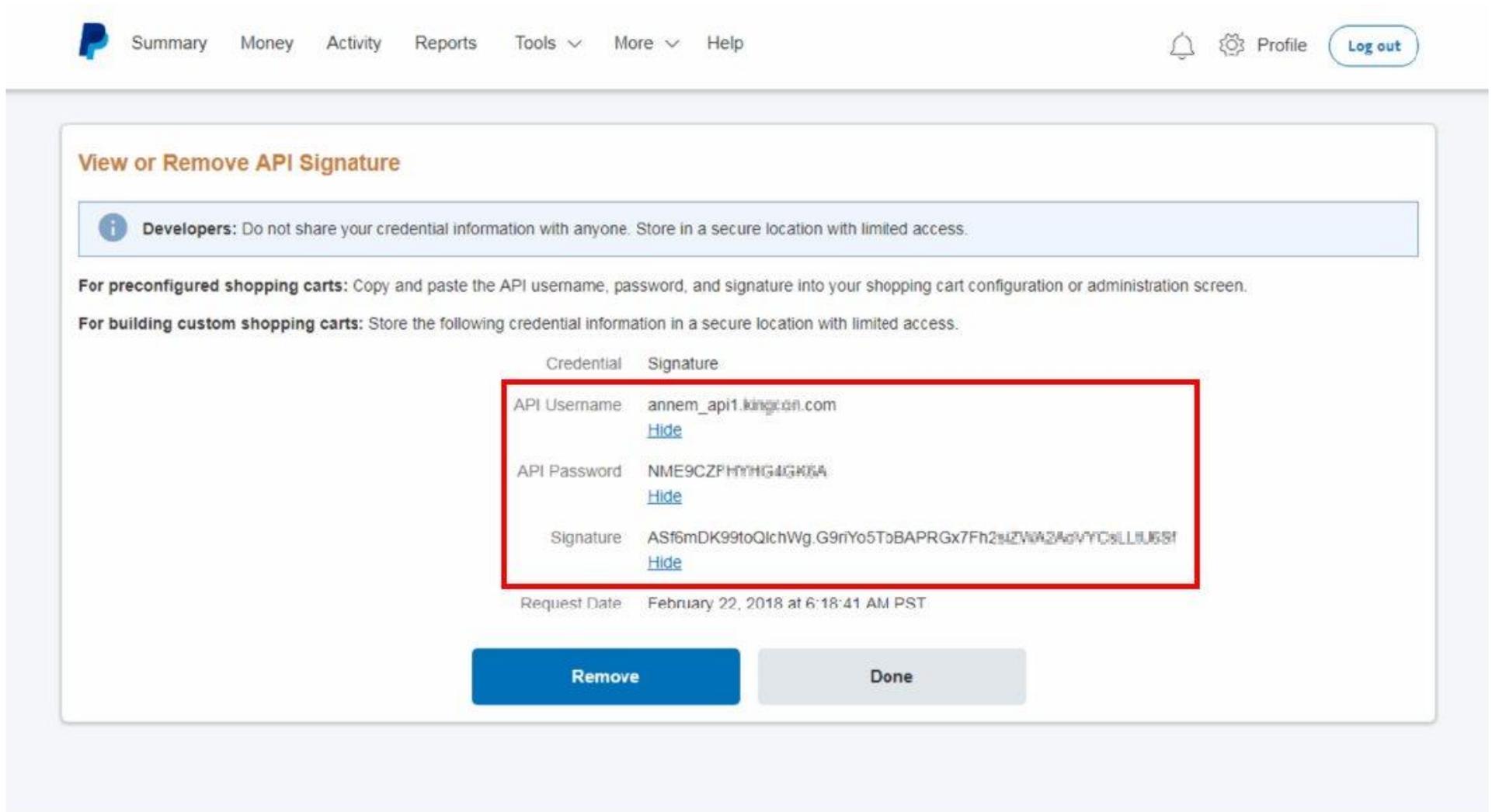
Need help deciding which credential is right for your needs? [Learn more](#)

By clicking Agree and Submit, I agree to the [API License Agreement](#) and [Terms of Use](#)

Agree and Submit Cancel

How to Connect your PayPal Pro (Business Account) to your Trail Blazer Database

The next screen will display your **API Username**, **API Password**, and **Signature**. You *may* need to click a link to display each if they are hidden. My *example* is below (some of the information has been redacted for security purposes).



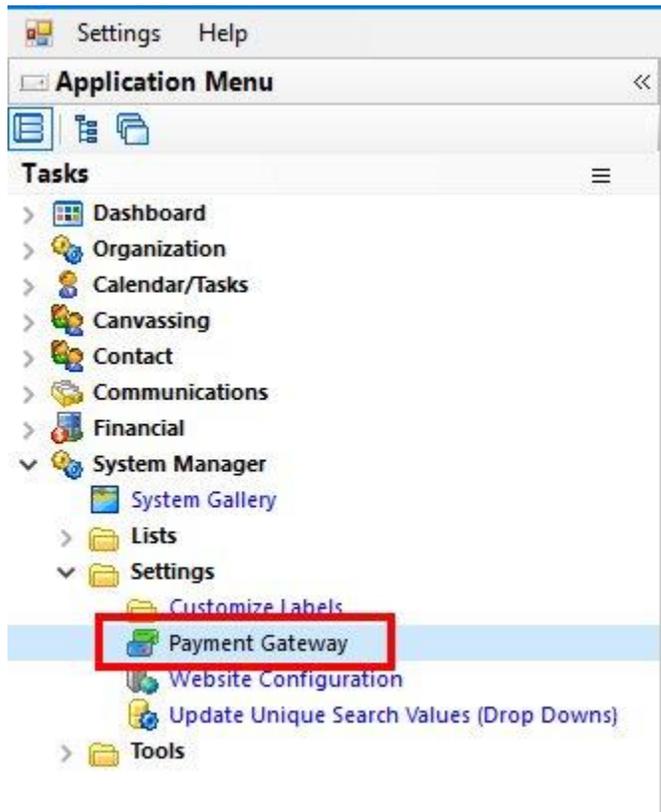
The screenshot shows the 'View or Remove API Signature' page in the TrailBlazer interface. At the top, there is a navigation bar with links for Summary, Money, Activity, Reports, Tools, More, and Help. On the right, there are icons for a notification bell, a settings gear, a profile, and a 'Log out' button. The main content area is titled 'View or Remove API Signature' and contains a blue information box with a warning icon and text: 'Developers: Do not share your credential information with anyone. Store in a secure location with limited access.' Below this, there are two instructions: 'For preconfigured shopping carts: Copy and paste the API username, password, and signature into your shopping cart configuration or administration screen.' and 'For building custom shopping carts: Store the following credential information in a secure location with limited access.' A table displays the API credentials, with a red box highlighting the API Username, API Password, and Signature rows. Each row includes a 'Hide' link. The 'Request Date' is listed as February 22, 2018 at 6:18:41 AM PST. At the bottom of the table, there are two buttons: 'Remove' (blue) and 'Done' (grey).

Credential	Signature
API Username	annem_api1.king.com Hide
API Password	NME9CZFHTHG4GK6A Hide
Signature	ASf6mDK99toQlchWg.G9riYo5T0BAPRGx7Fh2s4ZW0A2A0VYC0LLIUG5I Hide
Request Date	February 22, 2018 at 6:18:41 AM PST

You will need to input these values into your Trail Blazer database. The next sections show how.

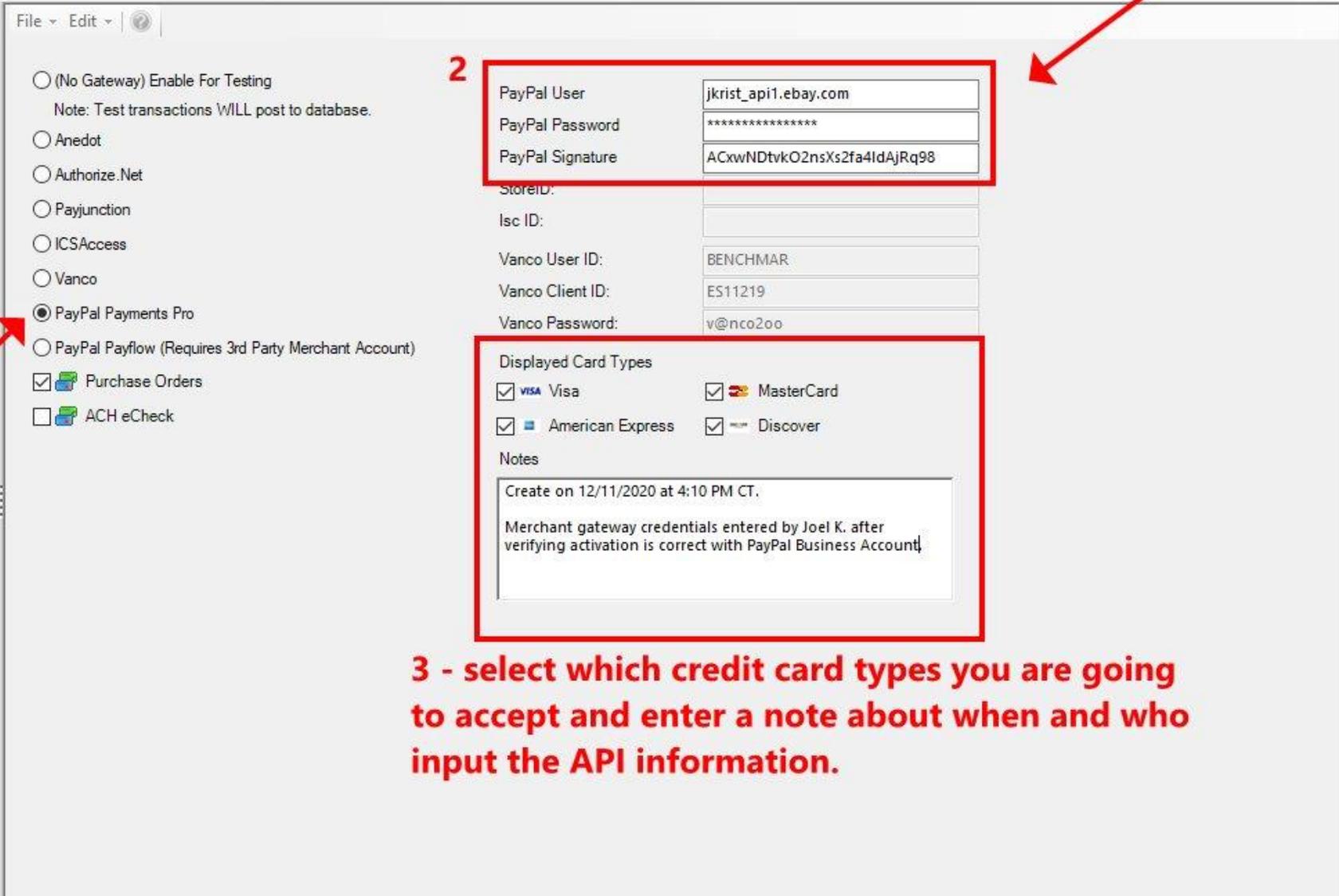
Add your PayPal Pro API Credentials to the Payment Gateway Section in your Trail Blazer Database

Log into Trail Blazer and navigate to the Payment Gateway screen by following Application Menu > System Manager > Settings > Payment Gateway.



Select **PayPal Payments Pro** as the merchant gateway option and input your **API Username**, **API Password**, and **Signature** into the corresponding fields in the upper-right. You'll also want to select which **credit card types** you want to offer. Enter a **note** about when and who input the information (not required but this can be useful to look back on). My finished *example* is below.

Tip: make sure not to add an extra space at the end of any of the input fields, especially if you copy-and-paste.



1

2

3

File Edit

(No Gateway) Enable For Testing
Note: Test transactions WILL post to database.

Anedot

Authorize.Net

Payjunction

ICSAccess

Vanco

PayPal Payments Pro

PayPal Payflow (Requires 3rd Party Merchant Account)

Purchase Orders

ACH eCheck

PayPal User: jkrist_api1.ebay.com

PayPal Password: *****

PayPal Signature: ACxwNDtvkO2nsXs2fa4IdAjrQ98

StoreID:

IsC ID:

Vanco User ID: BENCHMAR

Vanco Client ID: ES11219

Vanco Password: v@nco2oo

Displayed Card Types

VISA Visa MasterCard

American Express Discover

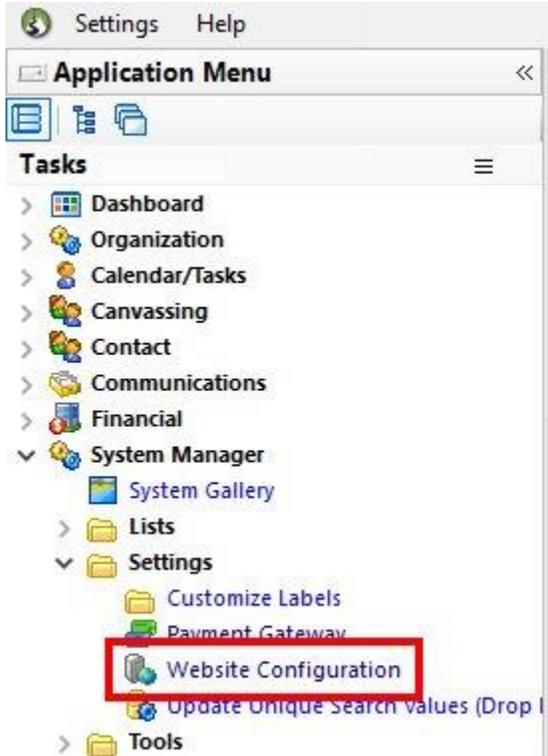
Notes

Create on 12/11/2020 at 4:10 PM CT.

Merchant gateway credentials entered by Joel K. after verifying activation is correct with PayPal Business Account.

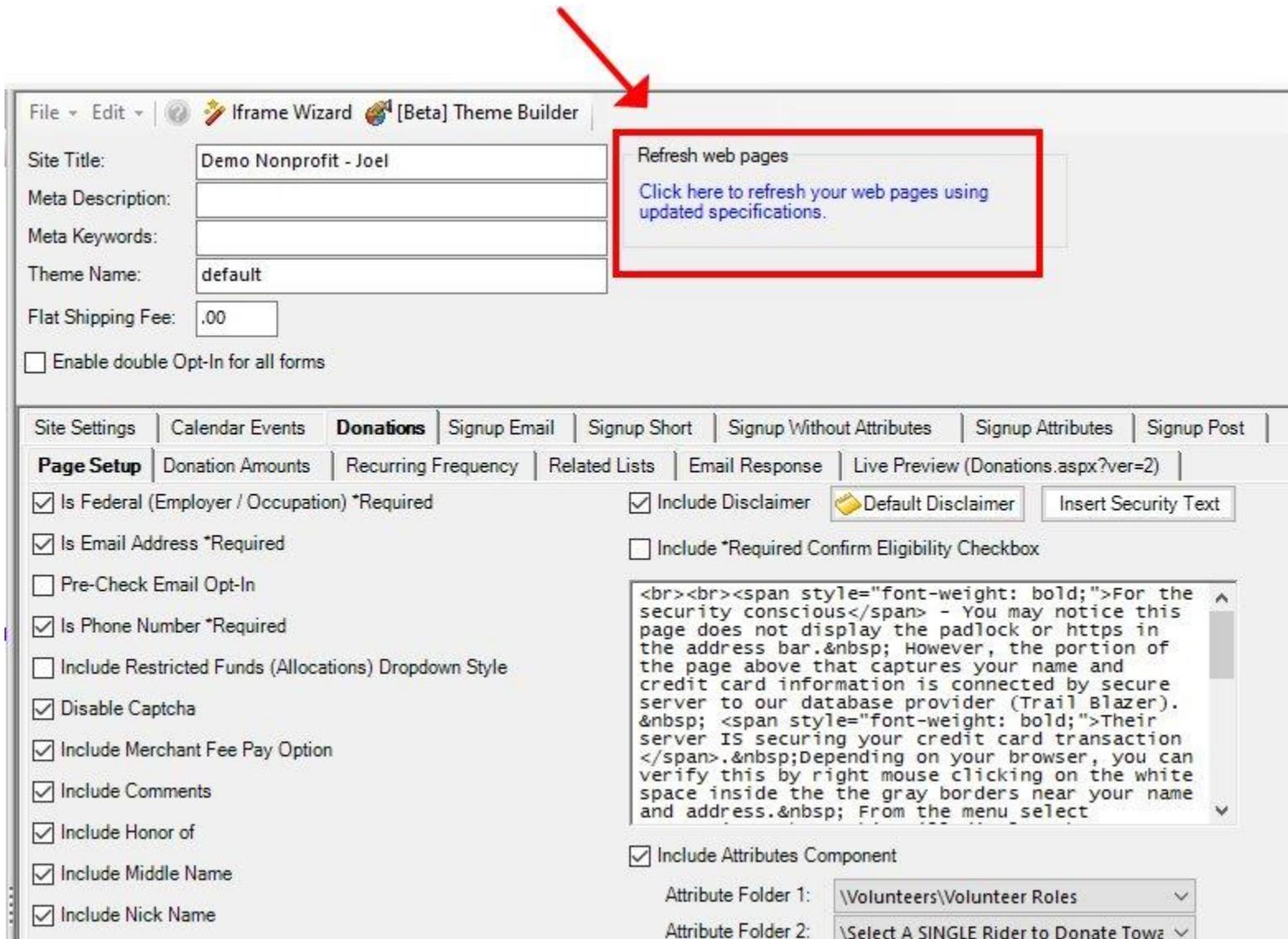
Click **[Save and Close]** once complete.

Next, you will need to refresh your **website settings** inside of the database for the updates to take effect. Navigate to **System Manager > Settings > Website Configuration**.



Click the [blue](#) link near the top-middle of the screen to **'refresh your website pages using updated specifications'**.

How to Connect your PayPal Pro (Business Account) to your Trail Blazer Database



The screenshot shows the TrailBlazer administration interface. At the top, there are menu items: File, Edit, Iframe Wizard, and [Beta] Theme Builder. A red arrow points to a red-bordered box containing the text: "Refresh web pages" and "Click here to refresh your web pages using updated specifications." Below this, there are several tabs: Site Settings, Calendar Events, Donations (selected), Signup Email, Signup Short, Signup Without Attributes, Signup Attributes, and Signup Post. Under the Donations tab, there are sub-tabs: Page Setup (selected), Donation Amounts, Recurring Frequency, Related Lists, Email Response, and Live Preview (Donations.aspx?ver=2). The Page Setup section contains various checkboxes for form requirements, including "Is Federal (Employer / Occupation) *Required", "Is Email Address *Required", "Is Phone Number *Required", "Include Restricted Funds (Allocations) Dropdown Style", "Disable Captcha", "Include Merchant Fee Pay Option", "Include Comments", "Include Honor of", "Include Middle Name", and "Include Nick Name". There are also checkboxes for "Include Disclaimer" (with a "Default Disclaimer" button and "Insert Security Text" button), "Include *Required Confirm Eligibility Checkbox", and "Include Attributes Component". The "Include Attributes Component" section has two dropdown menus: "Attribute Folder 1" (set to "\\Volunteers\\Volunteer Roles") and "Attribute Folder 2" (set to "\\Select A SINGLE Rider to Donate Tow"). A text area contains HTML code for a security notice.

How to Connect your PayPal Pro (Business Account) to your Trail Blazer Database

Test your donation form to make sure everything is configured properly. You can do this by navigating to where the form is hosted on our secure domain: <https://www.trailblz.info/YourDatabaseName/donate>

If the donation is processed, you will be redirected to a thank-you page and the data will populate in the **Contributions List**. Example:

How to Connect your PayPal Pro (Business Account) to your Trail Blazer Database

1 Contributions

2 Search

3 Today

Date Range: 12/11/2020 to 12/11/2020

Products: <ignore>
 Recurrence: <ignore>
 Deductibility: <ignore>
 Exclude Event: <ignore>
 Alloc. Fund: <ignore>

Contributions [1 records found]

	✓	ID	Date	Last Name	First Name	Amount	Payment Method	Applied Against Pledges	Deposited	Thank You Letter Sent	Thank You Date	Street
	✓	47017	12/11/2020	Q	Susie	500.00	Credit Card	.00	0	0		8464 Blvd 29 E
		1				500.00		.00	0	0		

How to Connect your PayPal Pro (Business Account) to your Trail Blazer Database

Note: If your test transaction fails, you can navigate to the **Logs** section of the database and search by the **date** you are running your test(s). These logs will provide some details on why the transaction failed, and an **error code** that you can look up on the PayPal Error Code Page:

<https://www.trailblz.com/kb/?action=view&kb=242&cat=0&qq=paypal>

Read through the **Related Resources** below to learn more about building donation forms, creating thank-you emails, and more.



Trail Blazer™

- YouTube Channel
- Knowledge Base Articles
- 3rd Party Resources

Related Resources

Article: [Linking your Website to your Database with Configurable iFrame Forms](#)

Article: [Website Configuration](#)

Article: [How to Put your Trail Blazer Donation Page on your Facebook Page](#)

Link: [The Entire List of Merchant Gateways Trail Blazer Supports w/Price Calculator](#)

Video: [Iframes](#)

Video: [Attributes, Add to Donation Page](#)

3rd Party Resource: [PayPal Developers Site – How to Generate API Credentials \(PayPal Payments Pro\)](#)

3rd Party Website: [PayPal Payments Pro Home Page](#)

Trail Blazer Live Support

☎ **Phone:** 1-866-909-8700

✉ **Email:** support@trailblz.com

📘 **Facebook:** <https://www.facebook.com/pages/Trail-Blazer-Software/64872951180>

🐦 **Twitter:** <https://twitter.com/trailblazersoft>

** As a policy we require that you have taken our intro training class before calling or emailing our live support team.*

How to Connect your PayPal Pro (Business Account) to your Trail Blazer Database

[Click here](#) to view our calendar for upcoming classes and events. Feel free to sign up other members on your team for the same training.

* After registering you'll receive a confirmation email with the instructions for how to log into the [GoToMeeting](#) session where we host our live interactive trainings.

* This service is included in your contract.