

Banno Integration Guide

Version 06282022

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The way that the **Unifimoney** plugin works is by having two different External Applications. One External Application is for the *Card Face*, and the other External Application is for the *Expanded View*.

Unifimoney will need to provide you with the two redirect URL's referred to in Step 2-8 and Step 3-8. Please contact your account manager to get these provisioned.

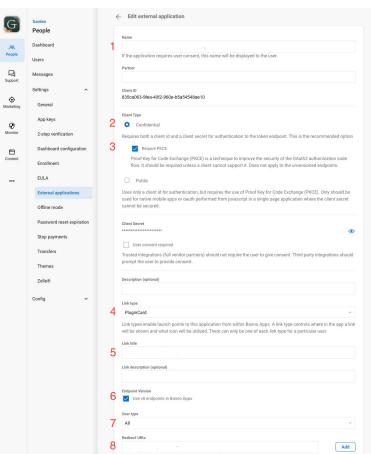


Step 1 Create the External Application

- 1. Set name to 'Unifimoney Expanded View'
- 2. Ensure confidential is selected
- 3. Check Require PCKE
- 4. Select LinkType to PluginCard
- 5. Set Link Title to 'Unifimoney Expanded View'
- 6. Endpoint Version must be checked
- 7. User Type to All
- 8. Unifimoney to provide

(typically this will be in the format https://platform.unifimoney.net/sso-jack-henry?bank=WellFargo

Finally click save at the bottom of the page



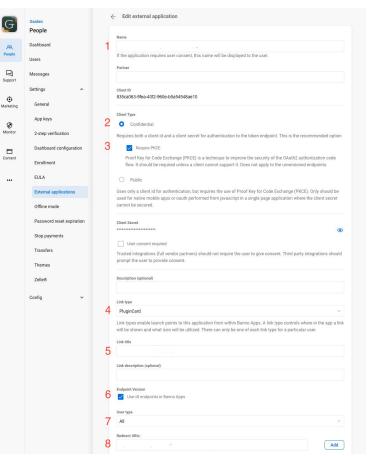


Step 2 Create the External Application

- 1. Set name to 'Unifimoney Card Face'
- 2. Ensure confidential is selected
- 3. Check Require PCKE
- 4. Select LinkType to PluginCard
- 5. Set Link Title to 'Unifimoney Card Face'
- 6. Endpoint Version must be checked
- 7. User Type to All
- 8. Unifi to provide

(typically this will be in the format https://jackhenry-auth.unifimoney.net/dynamic?bank=<bankname> le https://jackhenry-auth.unifimoney.net/dynamic?bank=WellsFargo

Finally click save at the bottom of the page





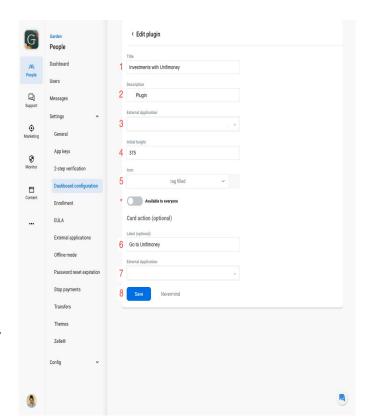
Step 3

From the Dashboard Configuration screen

- 1. Title field enter 'Investments with **Unifimoney**' or your choice
- 2. Description field enter 'Plugin' or your choice
- 3. External Application select "Unifimoney Prod Card Face" from the drop-down
- 4. Initial Height enter 375
- 5. Select an Icon from -> https://jackhenry.design/visual-language/iconography/
- 6. Set the Label to "Go to Unifimoney"
- 7. External Application select "Unifimoney Expanded View" from the drop-down

8. Then click Save

* Note re-whitelisting, you may want to specify to have "Available to everyone" set to off at this point. Off for this option means the plugin card is hidden from everyone, except for any user which has their permissions overridden to show the plugin





Step 4 - Share configuration details back to Unifimoney

Source:

https://jackhenry.dev/open-api-docs/plugins/quickstarts/buildyourfirstplugin/

From both your "Unifimoney Card Face"- and from "Unifimoney Expanded View" in order for us to deploy our code to Production environment we need;

- client id
- client secret
- environment (the Banno environment deployment location)

Please DO NOT send these in clear text over the internet - use a secure service like Zix to send this information.





Running the dynamic plugin

Configuration

Now that the static plugin is running, let's make it dynamic! First, we need the Client ID and Client Secret from the External Application that was configured above.

Find the *config.js* (make sure you have already renamed the example config file to just *config.js*) in the project's folder. Change the following values in that file:

- · client_id: Use your Client ID value
- · client_secret: Use your Client Secret value
- · environment: Use your Banno environment deployment location

Now, return to the Banno People External Application, change the redirect URI from

http://localhost:8080/static to http://localhost:8080/dynamic

Finally, restart the plugin server.

npm run start

Now, navigate back to **Banno Online** dashboard, you can see that the plugin now greets the authenicated user by name and displays the number of accounts associated with the user.

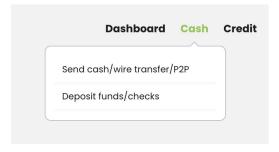
You have successfully built your first plugin!



How to Fund your Pilot

To fund your **Unifimoney** cash account do the following

1. From top right menu select Cash/Deposit funds



2.) Follow the instructions to create an ACH transfer that will clear into your bank account in T+2 days



How To WhiteList Users

It is possible to have the **Unifimoney** plugin be available to only a select few users.

This is something the financial institution can do without the need for Jack Henry to step in.

Specifically, administrators with access to Banno's back office for their institution.

The plugin can be enabled for;

- 1) enable a plugin for all users or
- 2) hide the plugin for all users and override permissions for individual users whom you want to see the plugin card.*
- * (Technically each user would also need the permission for the *External Application(s)* turned on as well).

We don't believe this would take very long at all, in fact the only limiting factor would be the administrator at the FI's familiarity with the process. It's very quick for them to do in Banno's back office UI.

Enable Plugin Card for User

As mentioned in the note above, if you don't want the plugin enabled for **ALL** users, we need to select which users to enable the Plugin Card for.

- . From Banno People, click the Users and search by username.
- · Click on the user
- Click Permissions
- . Find and enable the plugin under Plugin cards

Plugin cards		
Test Plunin		
Test Plugin		

The user will now have the plugin available to them in the Banno Online dashboard.