Outlook

Re: JPM CRUD ready for testing

From Greg Ginzburg <GGinzburg@kopiustech.com>

Date Thu 11/21/2024 3:03 PM

To   Hugo Caro <hcaro@kopiustech.com>; Gonzalo Stete <gstete@kopiustech.com>

Cc   Diego Anfossi <danfossi@kopiustech.com>

New Boxes (with options):

- **Product(167):**
    - 'FOR' - FX Cash,
    - 'OPT' - FX Options,
    - 'BASEMETALS' - Basemetals
    - 'ENERGY' - Energy
    - 'AGS' - Agriculture
    - 'INDEX' - Indices

- **Security(762):**
    - when Product is 'FOR':
        - FXNDF
        - FXSWAP
        - FXFORWARD
        - FXSPOT
    - when Product is 'OPT':
        - VANILLA
        - SINGLE_BARRIER
    - for other 4 products:
        - Outright
        - TimeSpread

- **Currency pair(55):** text-box with 'type-ahead' list of currency pairs if this is simple to do.

- **Settle Date (64 Value Date):** Provide a date picker. User can select from any dates including todays date and beyond.

- **Notional(32):** User defined input.

- **Side(54)**
    - '1' - Buy
    - '2' - Sell

- **Param1**
- **Param2**
- **Param3**

Please let me know if this makes sense or if you neeed more info.

Regards,
Greg

From: Hugo Caro <hcaro@kopiustech.com>
Sent: Wednesday, November 20, 2024 3:22 PM
To: Greg Ginzburg <GGinzburg@kopiustech.com>; Gonzalo Stete <gstete@kopiustech.com>

Cc: Diego Anfossi <danfossi@kopiustech.com>
Subject: Re: JPM CRUD ready for testing

Hi Greg,

I guess that the access is correct, because Gonzalo configured it to be only accessible on the "intranet" or using the VPN...

Please send me the fields actual names as soon as possible to start making the refactor of the webapp.

Thanks!

Let's Imagine the Future!

✳ kopius

Hugo Daniel Caro | Senior Software Developer | LinkedIn
M: +54-9-11-4148-9426 |

From: Greg Ginzburg <GGinzburg@kopiustech.com>
Sent: Wednesday, November 20, 2024 5:44 PM
To: Hugo Caro <hcaro@kopiustech.com>; Gonzalo Stete <gstete@kopiustech.com>
Cc: Diego Anfossi <danfossi@kopiustech.com>
Subject: Re: JPM CRUD ready for testing

Hi Hugo,

I was able to access the site from the verifix server, but not from the outside world.

JPM came back saying that customers can just type in the currency pairs into a text box, but if they could see the available options as they type, it would be a nice-to-have.

I will send the box names later today.

Regards,
Greg

From: Hugo Caro <hcaro@kopiustech.com>
Sent: Wednesday, November 20, 2024 9:20 AM
To: Greg Ginzburg <GGinzburg@kopiustech.com>; Gonzalo Stete <gstete@kopiustech.com>
Cc: Diego Anfossi <danfossi@kopiustech.com>
Subject: Re: JPM CRUD ready for testing

Hi Greg,

I was able to connect with the Python Django app (thanks Gonzalo for configuring again the VPN),

Please try to check it out here: JPMorgan Cert Environment Parameters.

After that please let me know the equivalent of each parameter (what is parameter1, parameter2, etc.)

Thank
All the best,

Let's Imagine the Future!

✳ kopius

Hugo Daniel Caro | Senior Software Developer | [LinkedIn](#)
M: +54-9-11-4148-9426 |

From: Greg Ginzburg <GGinzburg@kopiustech.com>
Sent: Tuesday, November 19, 2024 5:13 PM
To: Hugo Caro <hcaro@kopiustech.com>; Gonzalo Stete <gstete@kopiustech.com>
Subject: Re: JPM CRUD ready for testing

Hi Gonzalo,

Do you remember where this web tool was deployed and how to start it up?
Was it on the same machine as the DB?
Same machine as VeriFIX?
Somewhere else?

The web page in the screenshot below has an IP of 44.219.3.6:8000 but I cannot reach it.

Thanks,
Greg

From: Hugo Caro <hcaro@kopiustech.com>
Sent: Sunday, February 25, 2024 11:45 AM
To: Gonzalo Stete <gstete@kopiustech.com>; Greg Ginzburg <GGinzburg@kopiustech.com>; Josh Tolman <jtolman@kopiustech.com>;
Diego Anfossi <danfossi@kopiustech.com>
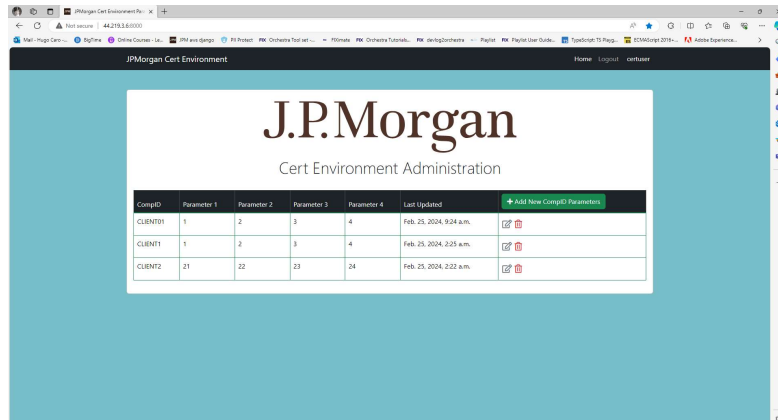**Subject:** RE: JPM CRUD ready for testing

Hi Greg,

I finished the refactoring you requested in your previous email as follows:

- Change models to make CompID parameters independent of the user
- Added a user that will be able to administer the certificates:
  User: certuser
  Password: jpm2024crud

  Here is how it looks:

- Added a user that will have access to the (tbd) table, if you login with it for now it shows the same screen but with no rows:
  User: jpmuser
  Password. jpm2024crud
- I kept your user greg as superuser which is part of the backend infrastructure provided by Django, same password as the previous users.
  With your superuser you'll be able to update tables manually and change users' passwords at will.
- I made the Django app to run unattended as a service so it is available when I'm not logged in the server.

Next steps:

- Please test the app to check if it fulfills your expectations
- If it is OK I'll add:
    - Table pagination
    - Table search (by CompID for example?)

Questions:
- Do you want me to add any fields validation or label changes?

Thanks!
All the best,
Hugo

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Hugo Daniel Caro | Senior Software Developer | LinkedIn
M: +54-9-11-4148-9426 |

From: Gonzalo Stete <gstete@kopiustech.com>
Sent: Thursday, February 22, 2024 2:24 PM
To: Hugo Caro <hcaro@kopiustech.com>; Greg Ginzburg <GGinzburg@kopiustech.com>; Josh Tolman <jtolman@kopiustech.com>; Diego Anfossi <danfossi@kopiustech.com>
Subject: RE: JPM CRUD ready for testing

Hello everyone! Greg , when you have some time let me know and I'll call you so we can check the connection, I tried it yesterday and it worked without any problem, best!

Let's Imagine the Future!

✳ kopius

Gonzalo Stete
M:+5491165410554

From: Hugo Caro <hcaro@kopiustech.com>
Sent: Wednesday, February 21, 2024 5:42 PM
To: Greg Ginzburg <GGinzburg@kopiustech.com>; Josh Tolman <jtolman@kopiustech.com>; Diego Anfossi <danfossi@kopiustech.com>; Gonzalo Stete <gstete@kopiustech.com>
Subject: Re: JPM CRUD ready for testing

Hi Greg,

Here are my replies:

- Connection: you need to use the VPN, Gonzalo could you provide more details? Thanks!
- VeriFix change to Cert environment; will fix
- One jpm user login and one parameters set por CompId, this user will add or edit each compId parameters, and one row of parameters per CompId, correct?

- I may remove the admin UI interface and any change like generic jpm user to list all compIds, and password change can be done with Django admin dashboard anytime... Ok?
- The results site if you give me a sample data I'll have the second user to see this results.

If all these works for you please let's the access to the site work so you try it and have the final AOK for it...

Thanks!
Hugo

De: Greg Ginzburg <GGinzburg@kopiustech.com>
Enviado: miércoles, febrero 21, 2024 5:20:42 p. m.
Para: Hugo Caro <hcaro@kopiustech.com>; Josh Tolman <jtolman@kopiustech.com>; Diego Anfossi <danfossi@kopiustech.com>; Gonzalo Stete <gstete@kopiustech.com>
Asunto: Re: JPM CRUD ready for testing

Hi Hugo,

I could not connect to the site for some reason.

But I did look at the screenshots you sent and here are some thoughts:

  - Instead of "VeriFIX" it should say "Cert Environment". We should not really mention VeriFIX at all on the site
  - I don't really want to create and manage user logins for every customer and for every FIX session. That's unneeded overhead. We need a generic "jpm customer" login and then each customer will enter their FIX comp ID along with their desired parameters.
  - And with the above setup, I don't think we need an admin role. (but if it's there, it's ok)
  - We'll need a different "generic" login for the result viewing site that we'll share with JPM personnel.

Thanks,
Greg

From: Hugo Caro <hcaro@kopiustech.com>
Sent: Wednesday, February 21, 2024 12:42 PM
To: Josh Tolman <jtolman@kopiustech.com>; Greg Ginzburg <GGinzburg@kopiustech.com>; Diego Anfossi <danfossi@kopiustech.com>; Gonzalo Stete <gstete@kopiustech.com>
Subject: RE: JPM CRUD ready for testing

Hi Greg et al.,

Have you reviewed the previous screenshots? There was a mistake in the labels, and I've added more UI components to make it more "client-friendly" (pop-ups when updating, etc.)

The JPM VeriFix parameters CRUD has been deployed on our testing environment (for "our eyes only"), at the following URL:

JPMorgan VeriFix Parameters

Your administrator user is:
user: greg
Password: jpm2024crud

I also created 4 users and their parameters, user1 to user4, same password. Let me know how it looks so far.

Using our VPN should work, Gonzalo has checked it, if you have any questions or concerns, please let him know.

We can deploy it to a production environment for the client at your request if it's AOK.

I'll start working on the Confluence dynamic page using SQL queries now.

Thanks!
All my best,

Let's Imagine the Future!

✳ kopius

Hugo Daniel Caro | Senior Software Developer | LinkedIn
M: +54-9-11-4148-9426 |

From: Josh Tolman <jtolman@kopiustech.com>
Sent: Thursday, February 8, 2024 2:33 PM
To: Hugo Caro <hcaro@kopiustech.com>; Greg Ginzburg <GGinzburg@kopiustech.com>; Diego Anfossi <danfossi@kopiustech.com>; Gonzalo Stete <gstete@kopiustech.com>
Subject: RE: JPM CRUD ready for testing

Hey don't share this with the client yet please, but great work

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From: Hugo Caro <hcaro@kopiustech.com>
Sent: Thursday, February 8, 2024 11:26 AM
To: Greg Ginzburg <GGinzburg@kopiustech.com>; Josh Tolman <jtolman@kopiustech.com>; Diego Anfossi <danfossi@kopiustech.com>; Gonzalo Stete <gstete@kopiustech.com>
Subject: RE: JPM CRUD ready for testing

Hi Greg,

No problem! Let me know if you want to change any label or add any field's validation, easy to add.

Once we have it wrapped up, we'll publish it into our AWS testing server ready for testing for you.

Regards,

Let's Imagine the Future!

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Hugo Daniel Caro | Senior Software Developer | LinkedIn
M: +54-9-11-4148-9426 |

From: Greg Ginzburg <GGinzburg@kopiustech.com>
Sent: Thursday, February 8, 2024 2:01 PM
To: Hugo Caro <hcaro@kopiustech.com>; Josh Tolman <jtolman@kopiustech.com>; Diego Anfossi <danfossi@kopiustech.com>; Gonzalo Stete <gstete@kopiustech.com>
Subject: Re: JPM CRUD ready for testing

Hi Hugo,

Thanks for sending this over.
Looking pretty good.
I will review in more detail today and send you my feedback.

Regards,
Greg

From: Hugo Caro <hcaro@kopiustech.com>
Sent: Tuesday, February 6, 2024 2:29 PM
To: Greg Ginzburg <GGinzburg@kopiustech.com>; Josh Tolman <jtolman@kopiustech.com>; Diego Anfossi <danfossi@kopiustech.com>; Gonzalo Stete <gstete@kopiustech.com>
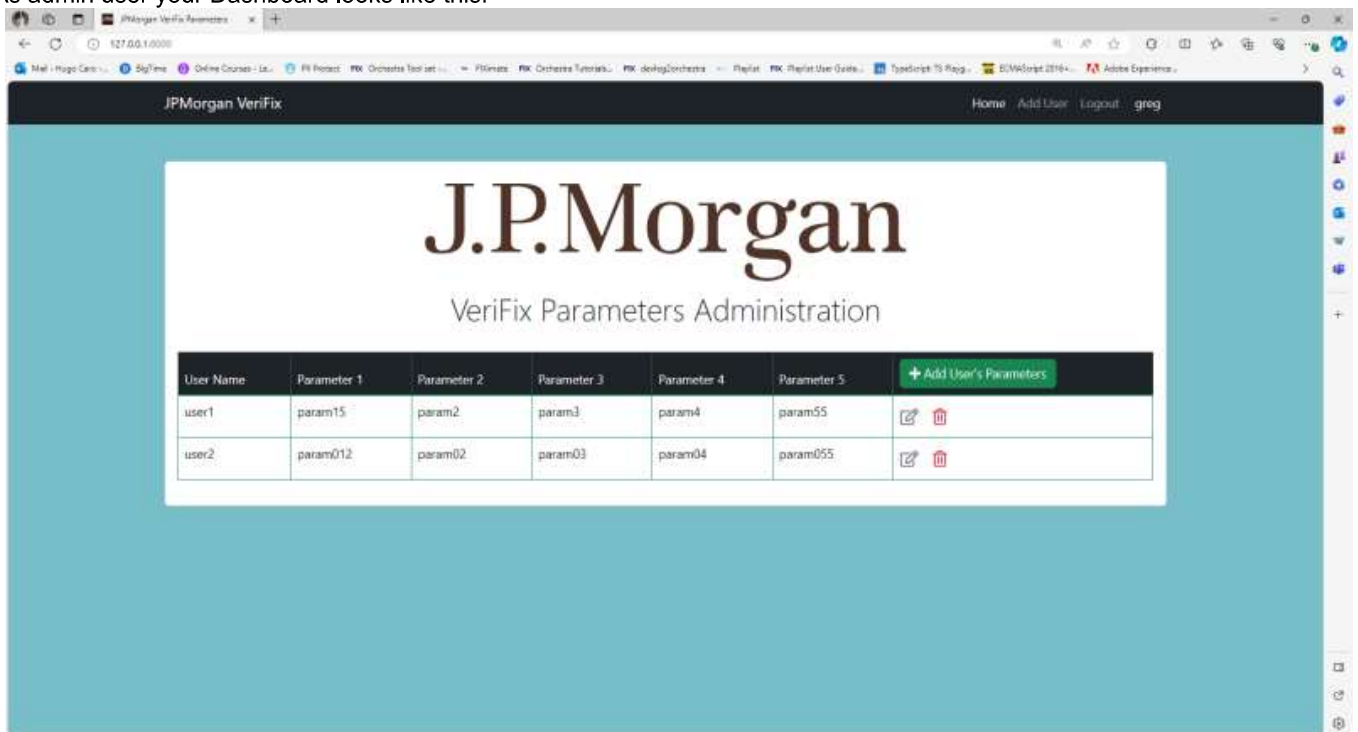**Subject:** JPM CRUD ready for testing

Hi Greg,

After analyzing the best and easiest way to make the user verifix parameters update app, here's how it goes. Please let me know if it works for you and if you want any change before installing it on the AWS server setup by Gonzalo for this:

1. You need to login to access the app:

2. As admin user your Dashboard looks like this:

3. You may add a user from the Dashboard:

4. Once you add it you will be able to create the parameters table row for this user click in on Add User's Parameter

5. And that's ready for a regular user to be used.

6. When login as regular user, you only get your parameters rows on the Dashboard:
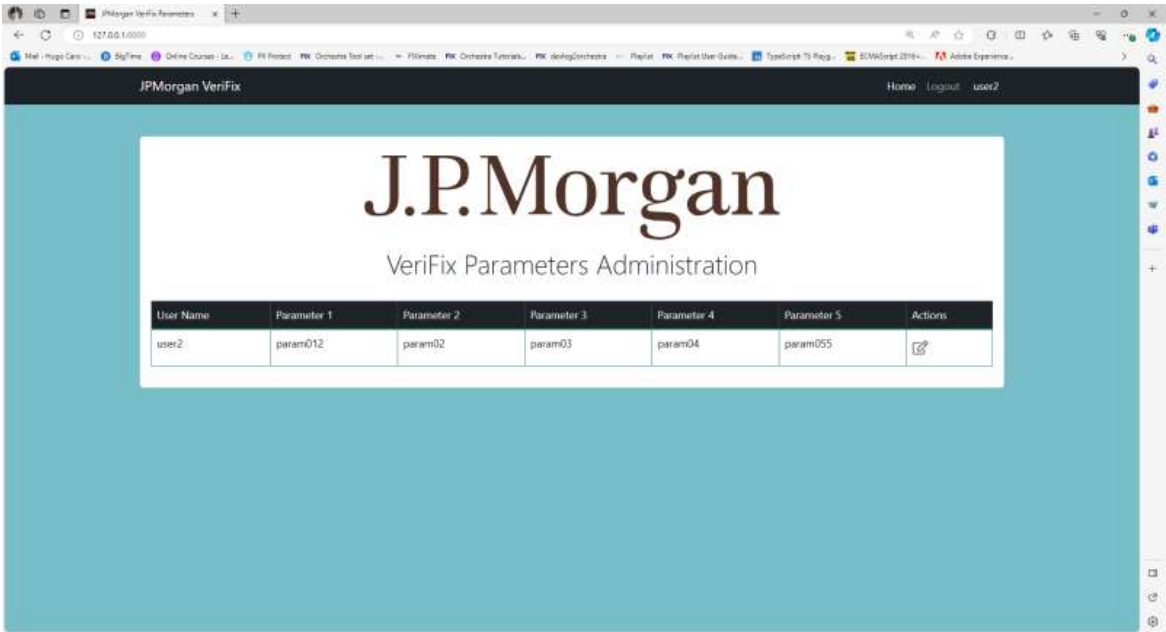
7. Click in on the Edit icon you'll be able to update the values (the user name is a read only combo):

And I guess this covers the JPM parameters apps requirements. BTW, Django provides administrator users a standard dashboard where you can also add users and users parameters as well:

Django administration

Username:

greg

Password:

••••••••

Log in

Start typing to filter...

AUTHENTICATION AND AUTHORIZATION

Groups   **+** Add

Users   **+** Add

PARAMETERS

Parameters   **+** Add

«

Add user

First, enter a username and password. Then, you'll be able to edit more user options.

Username:

Required. 150 characters or fewer. Letters, digits and @/./+/-/_ only.

Password:

Your password can't be too similar to your other personal information.
Your password must contain at least 8 characters.
Your password can't be a commonly used password.
Your password can't be entirely numeric.

Password confirmation:

Enter the same password as before, for verification.

SAVE   Save and add another   Save and continue editing

Start typing to filter...

AUTHENTICATION AND AUTHORIZATION

Groups   **+** Add

Users   **+** Add

PARAMETERS

Parameters   **+** Add

«

Add parameter

Parameter1:

Parameter2:

Parameter3:

Parameter4:

Parameter5:

User: --------- ✎ **+** 👁

                 ----
                 greg
                 user1
Created: user2

SAVE   Save and add another   Save and continue editing

But I think our version is less complicated heh.

Please let me know if it's OK for you and we'll deploy it to the test server and you may "play" with it until it's ready for production.

I'll check the Confluence requirements, may be it is easier to create a Django page with the mysql query listing than directly but need to read Confluence's documentation to check which is the best option.

Thanks!
All the best,

Let's Imagine the Future!

✳ kopius

Hugo Daniel Caro | Senior Software Developer | LinkedIn

M: +54-9-11-4148-9426 |