

jOpensimPayPal



ONE THING HAS TO BE MENTIONED AT THE BEGINNING:

This software is provided ,as-is'. FoTo50/Georg Klaissner makes absolutely no guarantees as to the reliability or fitness of purpose. This component deals with exchange between a fictional currency and valid currencies, and while a best efforts have been made for securing this software and preventing bugs, it should not be relied upon for absolute security. **USE AT YOUR OWN RISK!** If you do not have an advanced understanding of computer security, database security and financial security and/or do not hire anyone who can provide those understandings, then you should never consider using this for nonfictional currencies.

IMPORTANT NOTICE BEFORE INSTALLATION:

Installation of the new jOpenSimPayPal component can be done easily by following the instructions below.

Before starting any of the below please ensure you have read and agree with the terms of use for the jOpenSimPayPal plugin.

First and most important: **BACK UP!!!** Make sure you have a back up copy of everything and just before you start back up again!

Before starting any installation of the new component please ensure all other jOpensim components are upto date to the latest version. At time of writing this is jOpensim 0.2.9. It is also advised you have purchased the jOpensimMoney license so you have a fully working system before installing.

You will also need a PayPal account which will deal with transactions. You can create a PayPal account at www.paypal.com. Please see details there for terms and conditions.

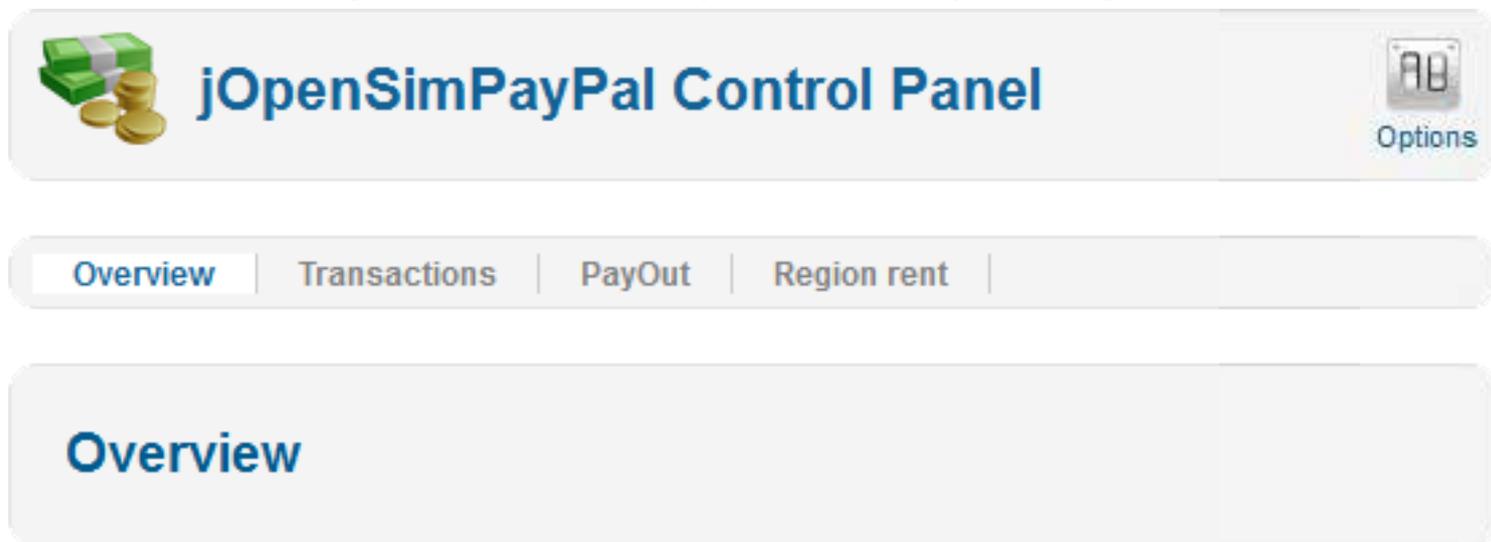
Installing jOpensim Paypal

Once you have downloaded the component, upload the zip file as you would your normal extensions.

You should providing all the updates have been done as instructed above see the message to say the plug in has been installed.

Now when selecting the Components tab at the top you will see a new menu item called jOpenSimPayPal.

You will see in the top right options this is where you will set up all your settings:

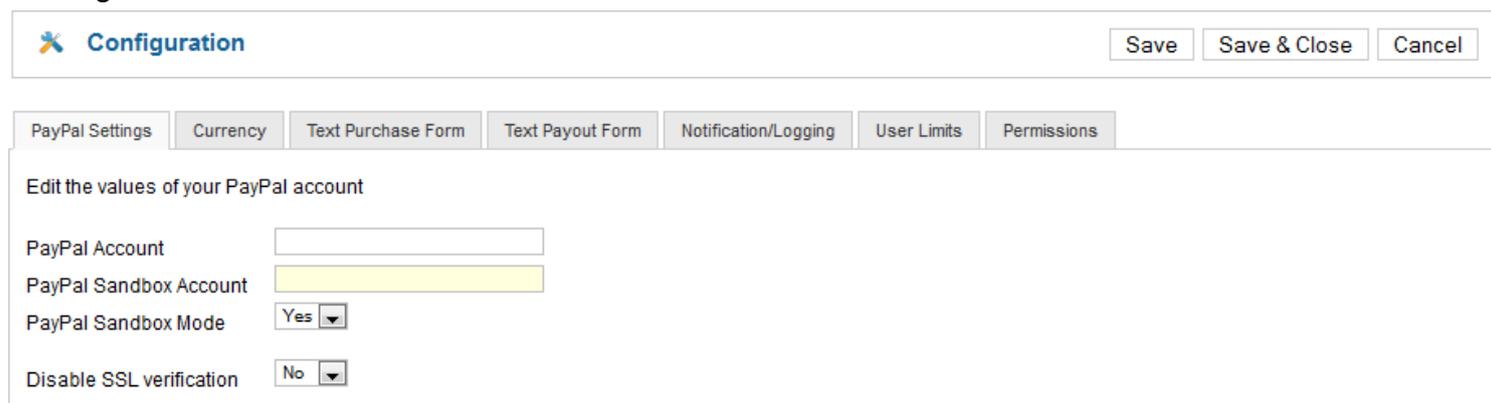


Most of the sections are self explanatory. But below you will find an example for each.

REMEMBER TO CLICK SAVE AFTER MAKING ANY CHANGES!

PayPal Settings:

You will find areas to add your PayPal details, we would advise testing this in sandbox mode first before moving to live transactions.



In case you some get error notifications that *_notify-validate was not "VERIFIED" and not "INVALID"*, it is most likely that your server has problems with verifying the SSL certificate from PayPal. We do not provide any support how to setup your server for verifying SSL certificates! But for debugging reasons or at least having temporary a functional PayPal component, you can disable this feature here.

WARNING: SSL certification verification has a good reason and is a major security enhancement. We highly recommend not to keep this function disabled permanently for production sites!



Currency:

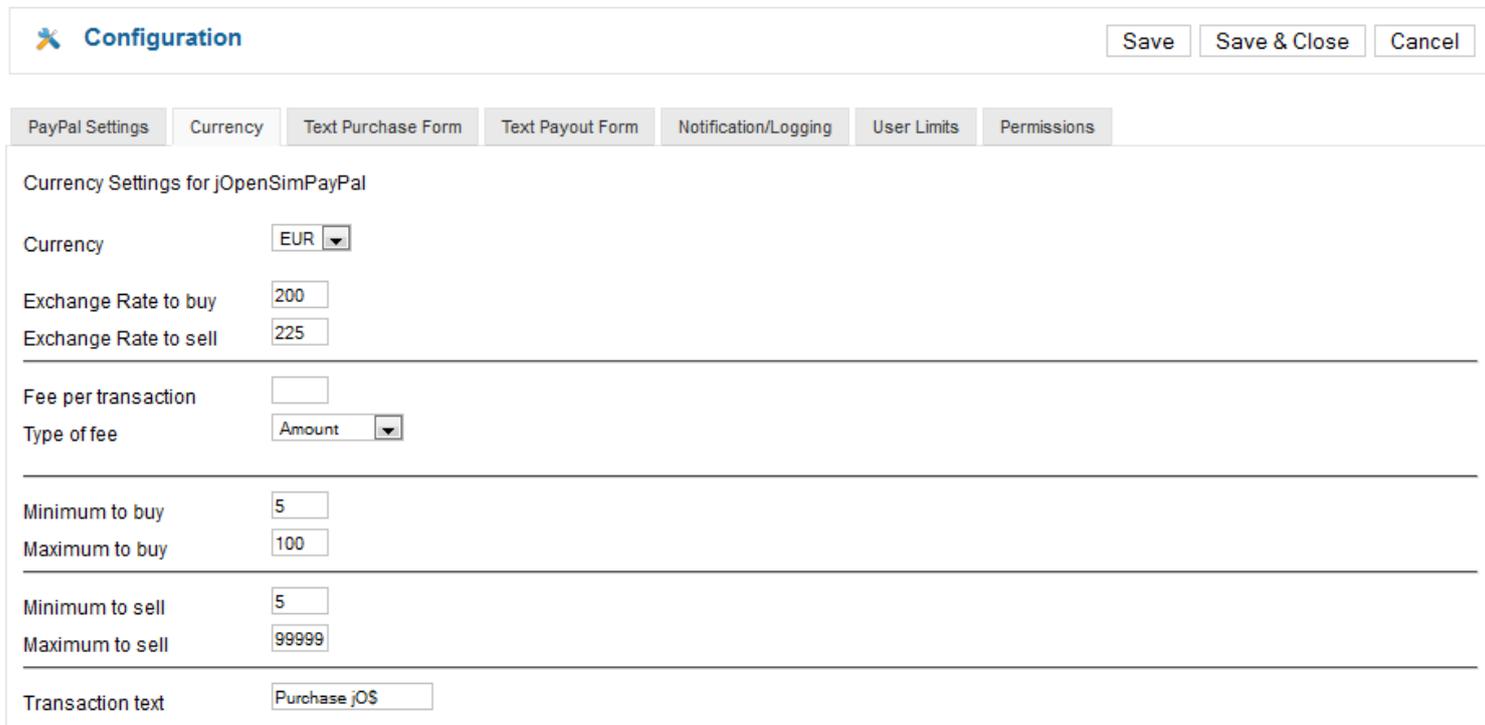
Select your chosen currency from the drop down.

The exchange rate is the amount of in world currency they will get per £, USD or other currency of choice.

You can set the fee for transactions either by a set amount or by percentage. Remember PayPal will always have their fees on top of any transaction.

The minimums and maximum purchases and sales can be set for yourself. These values are to be entered in your RL currency.

Transaction Text: How the transaction will appear on the users account history.



The screenshot shows the 'Configuration' page with the 'Currency' tab selected. The settings are as follows:

Setting	Value
Currency	EUR
Exchange Rate to buy	200
Exchange Rate to sell	225
Fee per transaction	
Type of fee	Amount
Minimum to buy	5
Maximum to buy	100
Minimum to sell	5
Maximum to sell	99999
Transaction text	Purchase jOS\$



Text Purchase Form:

This is the text which will appear on the purchase page when users select to buy in world currency.

PreText: This text will appear above the purchase form.

PostText: This text will appear below the purchase form.

Success Text: After a successful PayPal transaction, the user can click on „return to website“ at PayPal. This text will appear in that case.

Cancel Text: When a user clicks on „cancel transaction and return to website“, this text will appear.

Text Payout Form:

This is the text the user will see when requesting a payout (exchanging virtual currency for real currency).



Notification/Logging:

You can select just what notifications you wish to receive.

In the Logpath section you need to set up your log path. jOpenSimPayPal will automatically suggest a path outside of the web folder of your Joomla! installation. This folder needs to be writable by your web server. Failure to do this will result in the message below:

 No Logpath set. This path should be outside of your public documents but writable by your webserver. We recommend something like "/home/jopensim/joslogs/"

User Limits:

Allows you to set all currency limits for users on your grid.

 **Configuration** Save Save & Close Cancel

PayPal Settings Currency Text Purchase Form Text Payout Form Notification/Logging User Limits Permissions

Set default limits for users with values of your RL currency

Limit per day	<input type="text" value="20"/>
Limit per week	<input type="text" value="100"/>
Limit per month	<input type="text" value="300"/>

Permissions:

General access permissions for user access.

Once you have set all the above you need to then go to jOpenSim Money System.
Accessible through Components > jOpenSim > Money System.

Since jOpenSim 0.2.7 you will find new features within your money settings. Here you will need to set the name of your Inworld currency. Here you now also can enter a synonym text that will show instead of the name of the banker account.

Failure to do this will mean the user end of your website will not be displayed correctly.

Here you can also set your grid settings for upload charges and group creations.

jOpenSimPayPal Administration

In the main part of the component selection for jOpenSimPayPal you will see 4 tabs for information. Overview, Transactions, Payout, Region rent.

Overview:

This will give you a quick overview such as unsolved PayOut requests and/or how many of them are new since your last login.

Transactions:

Gives a full list of all PayPal transactions, for inworld currency purchases.



PayOut:

The request for users to convert virtual currency for real currency is done manually in this section. Users can request a payout once they have reached the minimum amount of inworld currency needed to be able to request a withdrawal.

Please see below example of payout request:

PayOut

Filter PayOut requests by

	OpenSim User	Joomla User	PayPal Account	jO\$	RealWorld Currency	jO\$ Balance	Date	Status
1	FoTo50 CyberLife	foto50	test@jopensim.com	1,199	€ 5.45	1,200	2013-06-01 09:38:40	●
2	FoTo50 CyberLife	foto50	foto50@foto50.com	1,200	€ 5.45	1,200	2013-05-24 15:40:15	●

Display # 20

Coloured cells in this list mean, that this might need higher attention before processing the request. When you mouse over the color, it will give you more detailed information. The yellow cells in the above example mean, that this user used a different PayPal account when purchasing inworld currency. This does not necessarily mean anything, but could be an indicator for a fraud attempt or maybe even just a typo by the user. The orange field means, that this user made more than one payout request and each request is covered by the balance, but all requests together would not be. If you see the balance field in red, this means that the user has not sufficient inworld currency for this payout request.

Once you have manually processed the order with Paypal use the status button on the right to change order status to “finished” to transfer the inworld amount back to the banker account. **NOTE:** the transfer is only made **the first time**, this status is reached. It will *not* transfer again if you change the status back to something lower and again to “finished”!

Region Rent:

This feature is planned in a future version and is currently only a place holder for it. Please be patient with me ;)



jOpenSimPayPal Frontend:

jOpenSim 0.2.7+ will automatically detect if jOpenSimPayPal is installed and add links to the money tab of the users frontend page for the inworld account. The link for the PayOut request only will be added if the user has sufficient balance according to your settings.

Of course you also can add a special menu item for the PayPal purchase form and the PayOut request form as well as the transaction list (this is the PayPal transaction list - do not mix it up with the inworld transaction list of jOpenSim).

You will find this when adding a new menu item and selecting the „Menu Item Type“:

Menu Item Type *	<input type="text"/>	Select
Menu Title *	<input type="text"/>	
Alias	<input type="text"/>	

jOpenSimPayPal will provide you with 3 different possibilities:

jopensimpaypal

[PayOut Request Form](#)

[Paypal Form](#)

[Transaction List](#)

PayOut Request Form:

This gives the user the possibility to request withdrawals from your virtual currency back to RL currency.

PayPal Form:

This is the purchase form that enables user to purchase inworld currency via PayPal.

Transaction List:

This list shows all transactions of the user concerning jOpenSimPayPal. This is not the inworld transaction list!

Example:

Transaction List					
Your PayPal Transactions					
EUR	jO\$	Date	PayPal Account		
10.00	2000	2013-05-24 17:46:22	sandboxbuy@jopensim.com		
Your PayOut Requests					
jO\$	EUR	Date	PayPal Account	Status	
1199	5.45	2013-06-01 09:38:40	test@jopensim.com		
1200	5.45	2013-05-24 15:40:15	foto50@foto50.com		

As long as no administrator changed the status of a new payout request, the user will be able to revoke/cancel this request.



Appendix A :: Version History

initial release will be inserted on the day of publishing

Appendix B :: Todo

Region rent

Appendix C :: Known bugs

Please report bugs in the forum of <http://www.jopensim.com>

