PayParrot Integration guide

PayParrot is a Payment method that your business can use to create subscriptions that users can pay with a monthly tweet. Subscriptions itself are handled by PayParrot, so you only have to listen when PayParrot tells your business to activate a subscription, or to cancel a subscription. The Payment checkout process is web based and simple and transparent to the Buyer.

The way that PayParrot uses to communicate to your business is through HTTP Notifications (messages from payparrot's servers to your business server) to let you know when: subscriptions are activated, subscriptions are cancelled, payments (tweets) are processed correctly, and when payment fails. By default, PayParrot deactivates a subscription after three failed payments.

Payment Experience

There are only 3 steps that are visible to the Buyer. Your website checkout page, Twitter authorization request page and your "Thank you" page, where user is redirected after making a successful authorization.

Step	Buyer's action	What Buyer's see	Duration	What happens
1	Buyers are ready to pay with a monthly tweet	Your website	As long as your sign up process takes	Your Website's checkout page
2	(Instant redirection)	PayParrot Intermediary	Instant	PayParrot receives a unique URL and makes the redirection to twitter with Your Website's data
3	Buyers authorize PayParrot on his twitter account	Twitter Authorization request	~5 seconds	Twitter gives PayParrot access to buyer's account
4	(Instant redirection)	PayParrot Intermediary	Instant	PayParrot creates a subscription for this parrot (buyer) associated to your business account
5	Buyers are returned to a "Thank you" page and are ready to use your full featured service	Your Website	-	Your Website receives Query String data regarding your new Parrot's Subscription

Step 1

PayParrot payment link

This is your unique link that your buyer needs to click to start the checkout process.

http://payparrot.com/parrots/start?token=public_token&external_id=your_user's_id

Token

The public token is a code that PayParrot provides you so we can identify your business account when a Parrot is requesting a checkout process

External Id

This is the User Id of the buyer in your own system. This Id is present on every notification that PayParrot sends to your server's.

Step 5

After a Parrot is successfully subscribed will be redirected to your business's website to the redirect_url that you defined in PayParrot Administration Console.

This URL comes with a query_string parameter 'notification_id' (?notification_id=...), wich you have to verify it's authenticity by sending a GET request to PayParrot's API. The expected response will come with your own business user's id (external_id) and the notification type.

Notifications

Since PayParrot handles the subscription for all your parrots, you don't have to worry about executing recurring tweets, or checking if a user has it's subscription still active. PayParrot notify you whenever something happen regarding parrots subscriptions.

Type of notifications

Notifications are sent in two type of channels:

- [GET] Query string hold by the Parrot (when Parrot is redirected to redirect_url)
  When:
  - After a user activates his subscription and is redirected back to your website

  Content:
  - notification_id

- [POST] Request to notification_url
  When:
  - Subscription activated (same notification that goes in the redirect_url notification, just in case the parrot lost his connection)
  - Payment success (a twitter message was sent successfully)

- Payment failed (user revoked access to his twitter account)
- Subscription deactivated (user cancelled the subscription, or 3 failed payments ocurred)

Content:

- notification_id

Validating a notification

To get the information of a notification, you have to check if it is valid and was created by PayParrot. To do this, you have to send a GET request to our REST API:

https://payparrot.com/accounts/:account_id/notifications/:notification_id?token=your_private_token

If the notification is valid and belongs to your business account, you should expect a 200 response code with the following JSON object:

```
{
    suscription_id: PayParrot internal subscription id,
    account_id: Your business account id,
    external_id: Your own user id,
    parrot_id: Parrot id ,
    request_url: URL where this notification will be posted,
    type: [“subscription_activated”, “subscription_deactivated”,”payment_success”,”payment_failed”],
    id: Id of this notification
}
```