

New PayPal® Integration **Tools for Developers**

eBay Developers Conference 2008

Srini Pasupulati Principal Integration Engineer, PayPal **Amish Patel**

Senior Integration Engineer, PayPal

Ketan Babaria

Senior Product Marketing Manager, PayPal







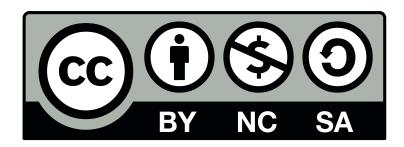




Share, reuse, and remix this talk



These slides are available under the Creative Commons Attribution-Noncommercial-Share Alike 3.0 License.



You can blog, photograph, and share this information with others. Don't forget to tag it **ebaydevcon** and **ebaydevcon08**.

© 2008 eBay Inc. Some rights reserved.

eBay and the eBay logo are among the registered trademarks of eBay Inc., PayPal and the PayPal logo are trademarks of PayPal, Inc., Skype and the Skype logo are trademarks of Skype Limited Corp., Shopping.com and the Shopping.com logo are trademarks of Shopping.com Ltd., and ProStores is a registered trademark of ProStores, Inc.

Other trademarks and brands are the property of their respective owners.



New PayPal Integration Tools



- New Integration Wizard
- New Standard Button factory
- Sandbox environment and IPN simulator



New Integration Wizard



- What it is
 - Guides you through a complete implementation
 - Code generator
 - Code can be used as-is or as a starting point
- What it is not
 - Not all optional parameters are included
 - It is not a complete enterprise solution
 - Reporting is not addressed
- What products and features it has





- Express Checkout PayPal
- Express Checkout Payflow edition
- Credit Card Payflow
- PayPal recurring payments
 - Express Checkout API
 - Billing Agreement API
 - Direct Payments (credit card)
- Payflow Pro recurring billing
 - Credit card

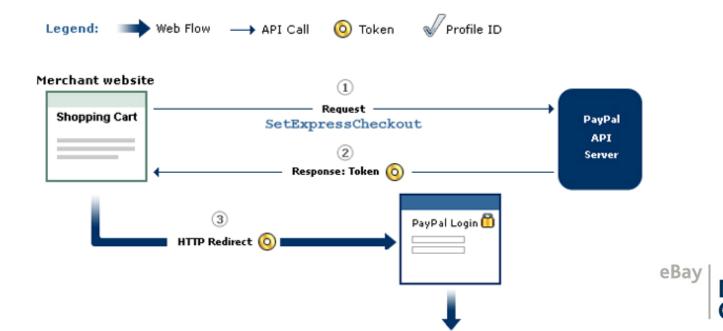




Provides concise understanding of the feature

Before you use the wizard you will need:

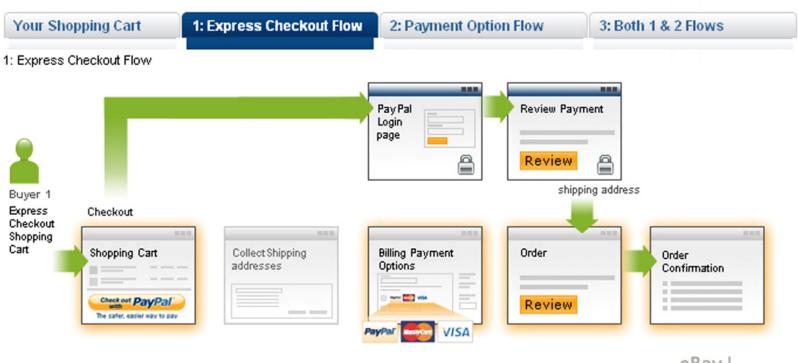
- Understanding how to set up a billing agreement using the Express Checkout API
 - The DoExpressCheckoutPayment call is made only if the order includes a one-time purchase.
 - The CreateRecurringPaymentsProfile call is made for each recurring payment profile included in the order.
 - Up to 10 recurring payment profiles can be included in one express checkout order.





Visualize within the context of a shopping cart flow

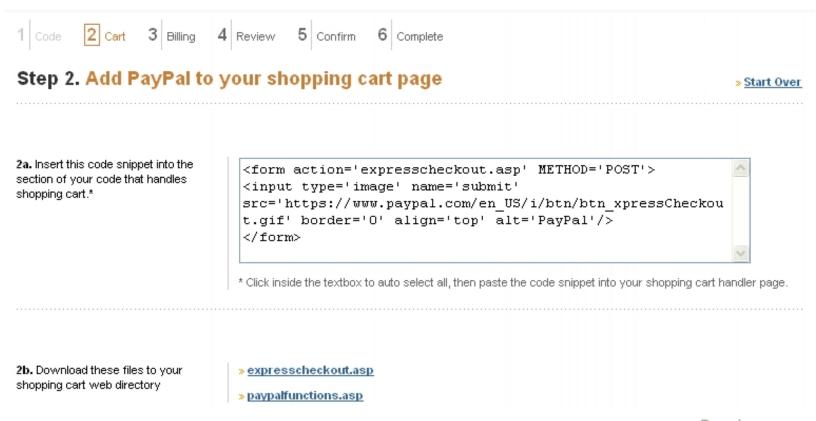
The following diagrams show a typical shopping cart flow and the page updates to support PayPal from the shopping cart, and from the payment options page. You can code to support both flows using the wizard.







Step-by-step instructions with code generation



Developers Conference



Code generation

User input

API Credentials	API Username
	API Password
	Signature
	How to get PayPal API credentials?

Code selection

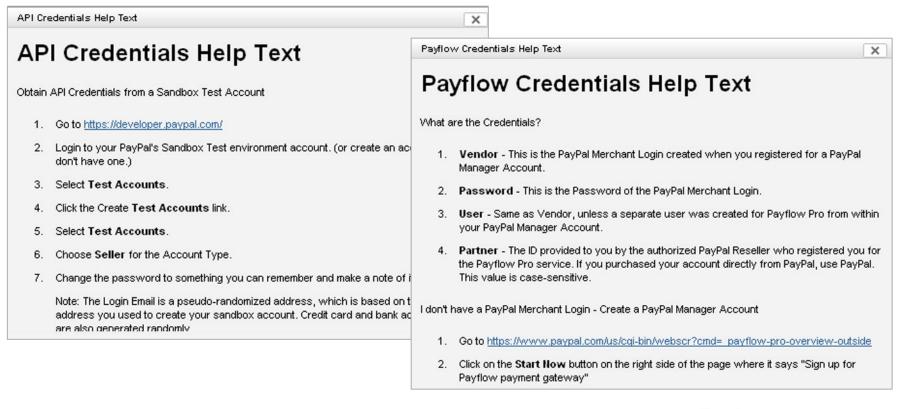
Shopping Cart Programming Language	Active Server Pages (ASP) Active Server Pages (ASP) ASP.NET (ASPX) Java Server Pages (JSP)
Environment	Java PHP Pilot (for testing)





Need Help?

Detailed Help Text







Call to Action

- Go to integrationwizard.x.com
- You are the business owner
 - Impress upon your "tech guys"—tell them all about it!
- You are a developer
 - Try the wizard—it's free!



Q&A

Amish Patel amish@ebay.com



Standard Button Designer

Current Button Designer





Add a button to your website

Copy your custom HTML code

Copy the code below just like you would normal text.

Note: If you are using button encryption, an email link will not be generated. To turn button encryption off and create an email link, click your browser's **Back** button, click the **No** radio button to turn off button encryption, and then click **Create Button Now.**

Encrypted HTML code for Websites: (Copy and paste this

(Copy and paste this HTML code onto your website)



Paste the HTML code onto your website

Go to Your Website: In your files, go to the HTML code for the web page where you want the payment button to appear. You can do this by using a text editor or your HTML editor.

Paste the HTML code above into your website's HTML code next to the item you wish to sell. Now view your web page and you should see the payment button for buyers to click and pay!

Please ensure that the HTML code on your web page exactly matches the code above. Some HTML editors may add, delete, or change some characters in your code. If this is the case, please change the code on your web page to exactly match the code above.

To Create Another Button

Once you have copied and pasted the above HTML onto your website or into your email, you can create additional payment buttons for other items you would like to sell. Just click **Create Another Button** and complete these steps again.

Create Another Button

Done

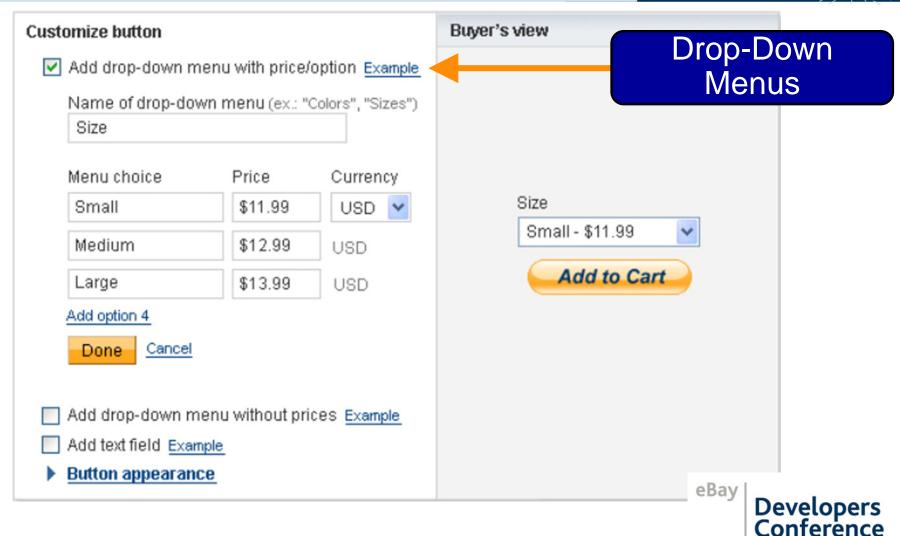




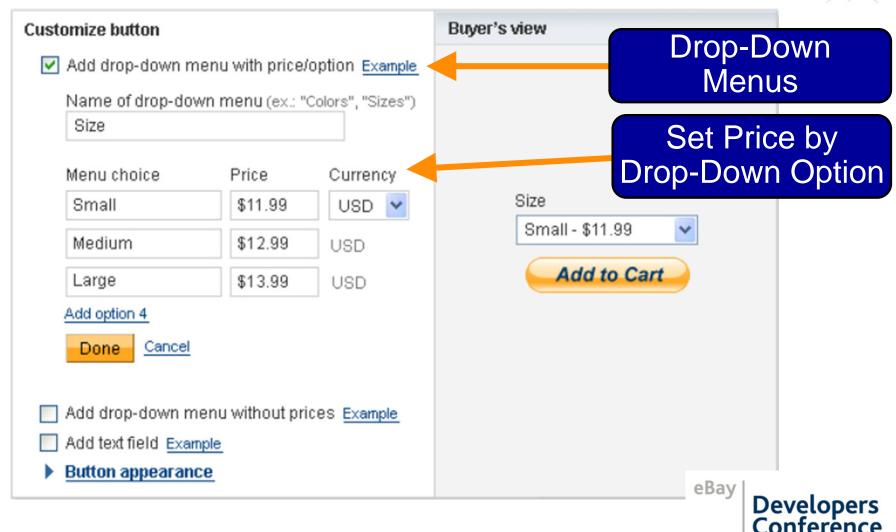


Customize button		Buyer's view	
Add drop-down menu with price/opti	ion <u>Example</u>		
Name of drop-down menu (ex.: "Colo Size	ors", "Sizes")		
Menu choice Price C	Currency		
Small \$11.99	USD 🔽	Size	
Medium \$12.99	USD	Small - \$11.99	
Large \$13.99	USD	Add to Cart	
Add option 4 Done Cancel Add drop-down menu without prices Add text field Example Button appearance	Example		
		eBay De Co	velopers nference













Demonstration

Q&A

Ketan Babaria kbabaria@paypal.com



Sandbox Environment & IPN Simulator

Sandbox Environment



- Simulation of Live PayPal environment
 - developer.paypal.com
- All money is fake
- Endpoints are different
 - sandbox.paypal.com

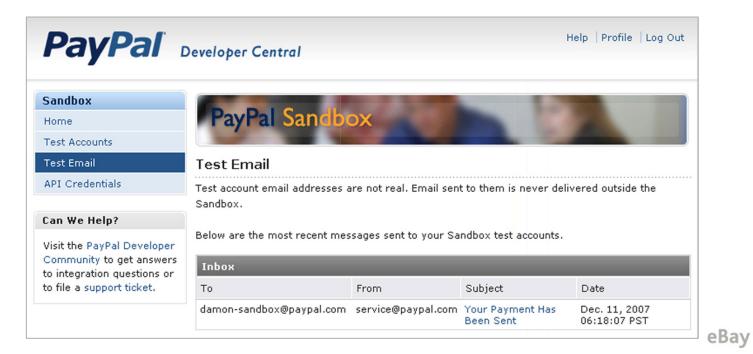




Sandbox Emails



- All Sandbox emails are delivered to the Email tab
- No Sandbox emails are ever sent to a real email address

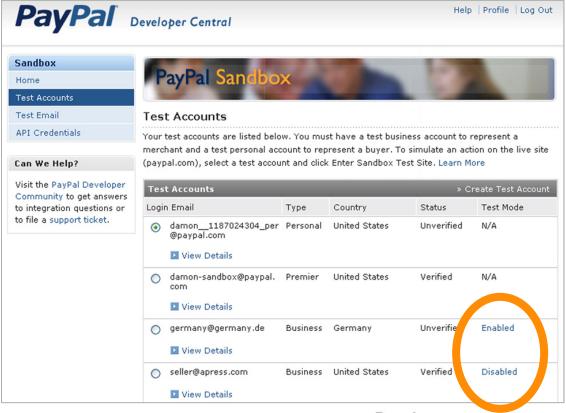




Negative Testing



- Put Sandbox account in Test Mode
- Trigger specific API error codes, CVV/AVS responses

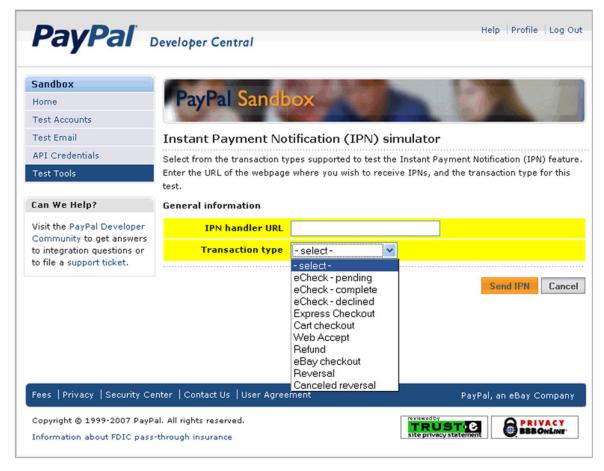




IPN Simulator



Utility to send IPNs to a specific IPN listener





IPN Simulator

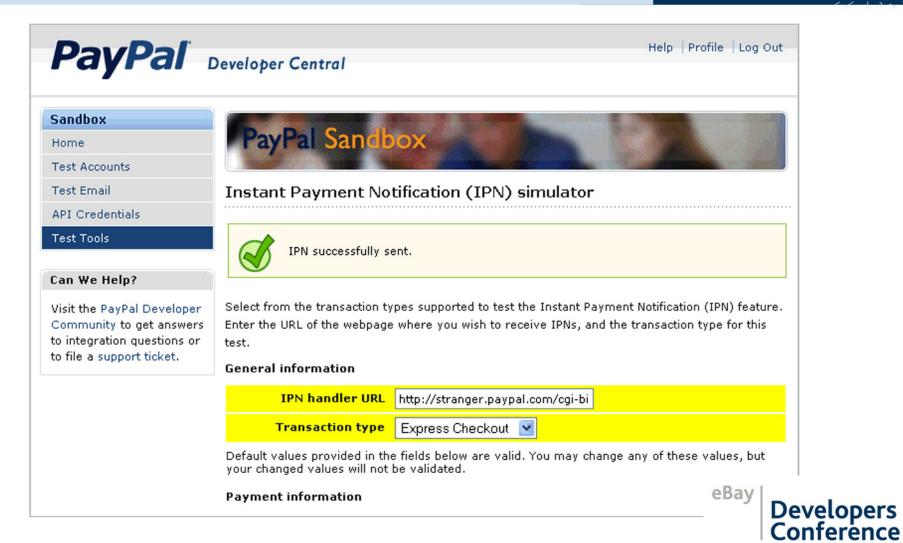


Instant Payment Notification (IPN) simulator Select from the transaction types supported to test the Instant Payment Notification (IPN) fee Enter the URL of the webpage where you wish to receive IPNs, and the transaction type for thest.				
test. General information				
IPN handler URL	https://www.testurl.com/listener.;			
Transaction type	Express Checkout 💌			
Default values provided in the your changed values will not	e fields below are valid. You may change any of these values, b be validated.			
Payment information				
payment_type	Oecheck			
	● instant			
payment_date	13:15:09 Feb. 25, 2008 PST			
payment_status	Completed			
pending_reason				
Buyer information				
address_status	unconfirmed o confirmed			
payer_status	unverified verified			
first_name	John			
last_name	Smith			
payer_email	buyer@paypalsandbox.com			
payer_id	TESTBUYERID01			
address_name	John Smith			
address_country	United States			
address_country_code	US 💌			
address_zip	95131			
address_state	CA			
address_city	San Jose			
address_street	123, any street			
Basic information				



IPN Simulator





Q&A

Srini Pasupulati spasupulati@paypal.com





Thank you!

Questions?

To learn more, visit www.ebay.com/devcon









