



DRUPALCON

# DENVER

MARCH 19-23, 2012

Collaborative Publishing for Every Device

# **Accepting Payments Online**

## **A building block approach**

Presented by Allie Micka















# And you're never alone



<http://www.flickr.com/photos/nidhug/4923618478>



## AEI love U. Screenprint



### more from my store.



[View Profile](#) | [31 Products »](#)

1/10

### the word.



Add a comment...

Posting as Allie Micka ([Change](#)) [Comment](#)

# \$ 25

All prices in USD

[Add to cart.](#)

Hurry! There's only 2 left!



- [+ Wishlist](#)
- [✉ Contact Seller](#)
- [👍 Favorite Store](#)

### product details.

This piece is a handmade screenprint, it is unique and original and because of this the piece that you will receive might differ slightly from this photograph.

All my designs are printed using acid free paper and non-toxic water based inks. They are open editions, signed and dated on the reverse.

[read more »](#)

### share the love.

[Like](#) [Send](#)

[Tweet](#) 0

[Pin it](#)

[+1](#) 0

[Submi](#)

[BOAT R](#)

### payment.



Canada: \$7

USA: \$7

International: \$7

[Shipping Info](#) | [Payment & Refunds](#)

# \$ 25

All prices in USD



## AEI love U. Screenprint



### more from my store.



[View Profile](#) | [31 Products »](#)

1/10

### the word.



Add a comment...

Posting as Allie Micka ([Change](#)) [Comment](#)

# \$ 25

All prices in USD

Add to cart

Hurry! There's only 2 left!



- [+ Wishlist](#)
- [✉ Contact Seller](#)
- [👍 Favorite Store](#)

### product details.

This piece is a handmade screenprint, it is unique and original and because of this the piece that you will receive might differ slightly from this photograph.

All my designs are printed using acid free paper and non-toxic water based inks. They are open editions, signed and dated on the reverse.

[read more »](#)

### share the love.

[Like](#) [Send](#)

[Tweet](#) 0

[Pin it](#)

[+1](#) 0

[Submi](#)

[BOLT R](#)

### payment.



Canada: \$7

USA: \$7

International: \$7

[Shipping Info](#) | [Payment & Refunds](#)

# \$ 25

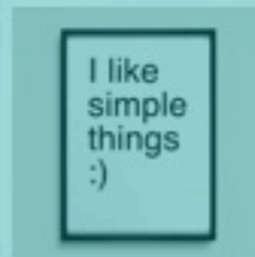
All prices in USD



## AEI love U. Screenprint



### more from my store.



[View Profile](#) | [31 Products »](#)

1/10

### the word.



Add a comment...

Posting as Allie Micka ([Change](#)) [Comment](#)

# \$ 25

All prices in USD

[Add to cart.](#)

Hurry! There's only 2 left!



- [+ Wishlist](#)
- [✉ Contact Seller](#)
- [👍 Favorite Store](#)

### product details.

This piece is a handmade screenprint, it is unique and original and because of this the piece that you will receive might differ slightly from this photograph.

All my designs are printed using acid free paper and non-toxic water based inks. They are open editions, signed and dated on the reverse.

[read more »](#)

### share the love.

[👍 Like](#) [✉ Send](#)

[🐦 Tweet](#) 0

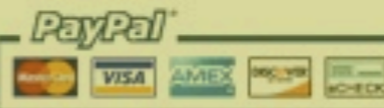
[📧 Pin it](#)

[👤 +1](#) 0

[📄 Submi](#)

[📄 BOLT R](#)

### payment.



Canada: \$7

USA: \$7

International: \$7

[Shipping Info](#) | [Payment & Refunds](#)

# \$ 25

All prices in USD





Wednesday, March 21, 12





<http://www.flickr.com/photos/hamed/2080174627>





<http://www.flickr.com/photos/31590610@N03>









Extending something multiple times shouldn't  
make it extend in multiple directions.

<http://www.flickr.com/photos/67705724@N00>



## Download & Extend

[Download & Extend Home](#)[Drupal Core](#)[Modules](#)[Themes](#)[Translations](#)[Installation Profiles](#)

9926 Modules match your search

Modules categories:

Filter by compatibility:

Status:

Search Modules:

Sort by:

Extend and customize Drupal functionality with contributed modules. If a module doesn't quite do what you want it to do, if you find a bug or have a suggestion, then [join forces](#) and help the module maintainer. Or, share your own by [starting a new module](#).

### Views

Posted by [merlinofchaos](#) on November 25, 2005 at 8:34pm

### Most Insta

[Views](#)[Token](#)[Pathauto](#)[Chaos tool suite](#)[More Most insta](#)

### New Modu

[Distributed Bloc](#)[Webform Phone](#)[Hosting CiviCRM](#)[Field Value Link](#)[More New Modu](#)



## Download & Extend

[Download & Extend Home](#)[Drupal Core](#)[Modules](#)[Themes](#)[Translations](#)[Installation Profiles](#)

9926 Modules match your search

Modules categories:

Filter by compatibility:

Status:

Search Modules:

Sort by:

Extend and customize Drupal functionality with contributed modules. If a module doesn't quite do what you want it to do, if you find a bug or have a suggestion, then [join forces](#) and help the module maintainer. Or, share your own by [starting a new module](#).

### Views

Posted by [merlinofchaos](#) on November 25, 2005 at 8:34pm

### Most Insta

[Views](#)[Token](#)[Pathauto](#)[Chaos tool suite](#)[More Most insta](#)

### New Modu

[Distributed Bloc](#)[Webform Phone](#)[Hosting CiviCRM](#)[Field Value Link](#)[More New Modu](#)





Requisite Lego Photo







# Single-purpose modules





# Multi-tool modules









# Frameworks





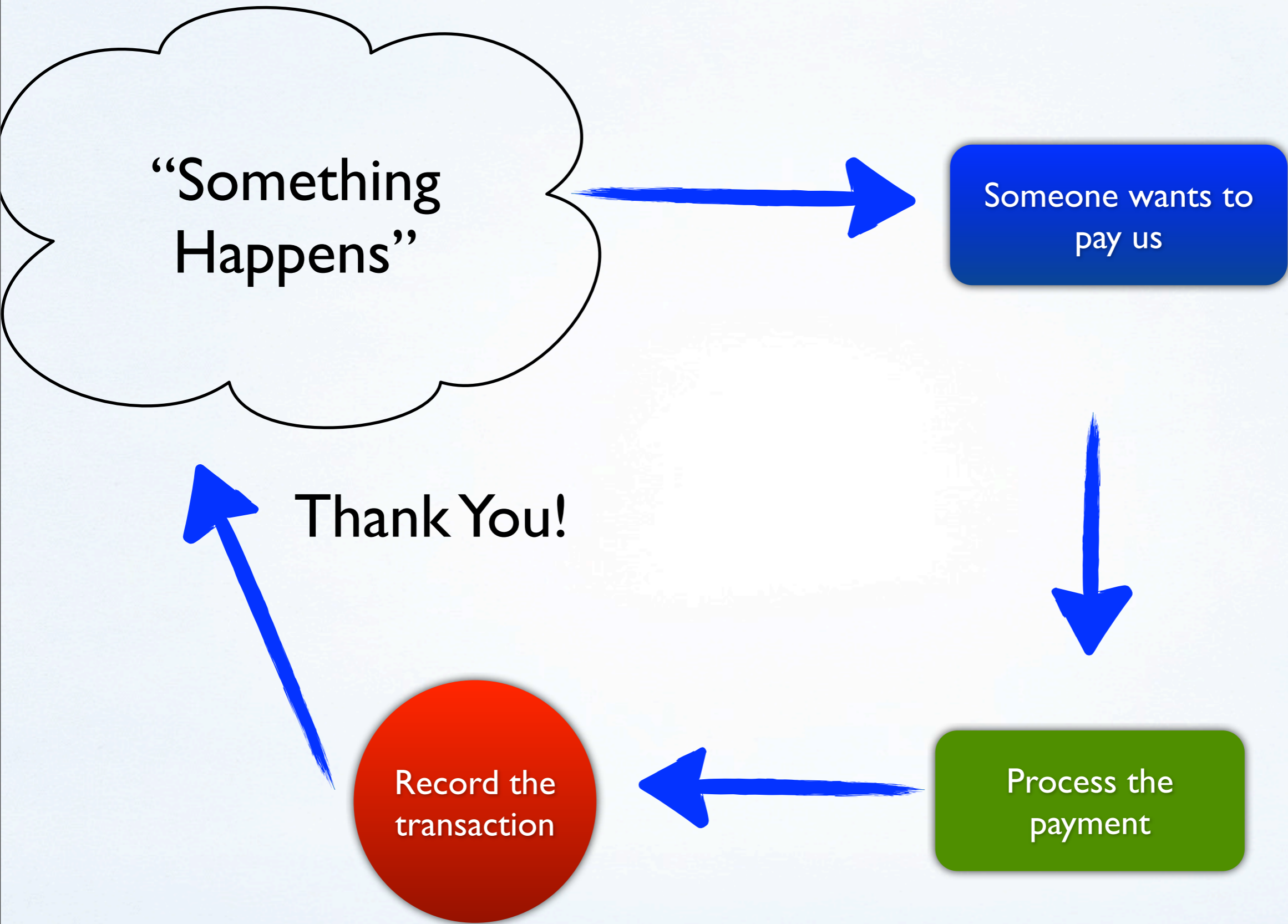
# Which is best?











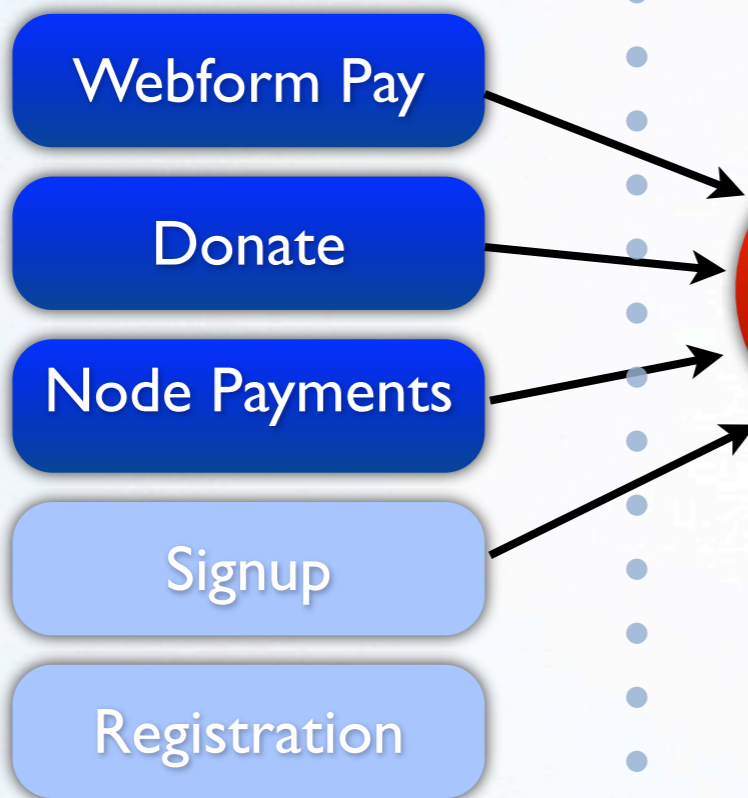


# Payment API

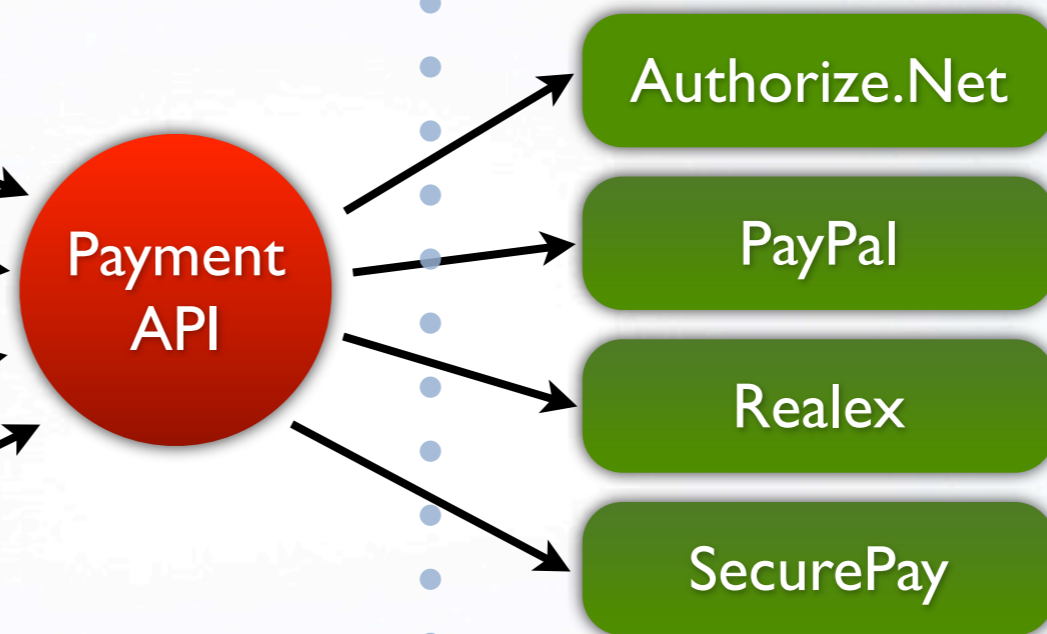
- Dependencies: 0
- Builds on other modules
- Pluggable Payment Methods
- Detailed transaction records
- Views support



## Pay Forms



## Pay Methods







# Donate

Donation amount:

- \$10 Show your appreciation for live music
- \$25 Support the work of local artists
- \$50 Bring international music to MN
- \$100 Help keep the arts accessible
- \$250 Promote intercultural appreciation
- \$500 Help us solve problems through the arts
- \$1,000 Be a leader in our community
- Other amount

First name: \*

Last name: \*



Billing address:



City:

State/Province:

Postal code:




Card type:



Card number: \*

Security code:



01- January

2012

Comments:

Submit payment





[Calendar view of events](#) [List view of events](#)



Música Latina presents the passionate music of Latin America, from the rustic conjunto music of northern Mexico to the sophisticated tango nuevo of Buenos Aires.



### Malamanya with Radio Pocho

Music Starts 8:00pm

Cuban, Latin

[BUY TICKETS](#)

Apr

13



### Dendê and Band

Music Starts 7:30pm

Global roots, Afrobeat, Brazil, Funk

[BUY TICKETS](#)

Jun

10

## Donate to Música Latina

\$10 Show your appreciation for live music

\$25 Support the work of local artists

\$50 Bring international music to MN

\$100 Help keep the arts accessible

\$250 Promote intercultural appreciation

\$500 Help us solve problems through the arts

\$1,000 Be a leader in our community

[Support this program »](#)

## Subscribe to our newsletter

email address

[Subscribe](#)

## Past shows

Locos Por Juana with Matt Jennings

Malamanya with Alma Andina

Frankie Negrón

VENUE CHANGE: António Zambujo with Geitungen

Bomba Estéreo and Joaquin Diaz

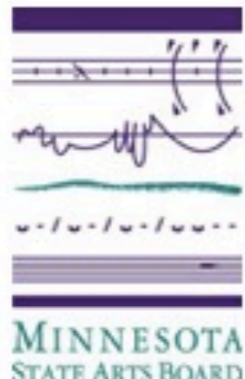
[view all](#)

## From the blog



Rana, Shane and the Lash  
by MamaEDub

## Major Funders



This activity is made possible in part by a grant provided by the Minnesota State Arts Board, through an appropriation by the Minnesota State Legislature from the Minnesota arts and cultural heritage fund with money





Apr 13 **Malamanya with Radio Pocho**  
[BUY TICKETS](#)

Jun 10 **Dendê and Band**  
[BUY TICKETS](#)

Donation amount:

- \$10 Show your appreciation for live music
- \$25 Support the work of local artists
- \$50 Bring international music to MN
- \$100 Help keep the arts accessible
- \$250 Promote intercultural appreciation
- \$500 Help us solve problems through the arts
- \$1,000 Be a leader in our community
- Other amount

First name: \*

Last name: \*

E-mail: \*

Billing address:

City:  State/Province:  Postal code:

Card type:

VISA  MasterCard

Card number: \*  Security code:

### Past shows

Locos Por Juana with Matt Jennings

Malamanya with Alma Andina

Frankie Negrón

VENUE CHANGE: António Zambujo with Geitungen

Bomba Estéreo and Joaquin Diaz

[view all](#)

### From the blog



Rana, Shane and the Lash  
by MamaEDub



# Payment Form Wishlist

- Subscriptions
- Signup
- Shopping cart integration
- Tip Jar

*team@advantagelabs.com*



# Hooks for developers



# hook\_form\_alter()

```
$pay = pay_load('form', array('pfid' => 5));  
$pay->form($form, $form_state);
```



# hook\_pay\_method\_handler\_info()

```
function hook_pay_method_handler_info() {  
  return array(  
    'pay_method_gateway_pieinthesky' => array(  
      'title' => 'Pie in the Sky',  
      'description' => t('Payment processing using the Pie in the Sky payment gateway'),  
      'parent' => 'pay_method_gateway',  
      'module' => 'pieinthesky',  
      'path' => drupal_get_path('module', 'pieinthesky') . '/includes',  
    ),  
  );  
}
```



# hook\_pay\_form\_handler\_info()

```
function hook_pay_form_handler_info() {  
  return array(  
    'pay_custom_form' => array(  
      'title' => t('Custom pay form'),  
      'description' => t('A custom payment form.'),  
      'handler' => 'pay_custom_form',  
      'path' => drupal_get_path('module', 'pay_custom') . '/includes'  
    ),  
  );  
}
```



# Actions & Triggers

- New transactions
- Transaction activities
- A goal has been reached



View		Email history		Supporters		Edit		Track		Devel	
Name	E-mail	Date	Pledged	Completed	Comment	First Name	Last Name				
Anonymous		8/31	\$22	\$22			<a href="#">Details</a>				
Anonymous		8/30	\$8	\$8			<a href="#">Details</a>				
Anonymous		8/30	\$22	\$22			<a href="#">Details</a>				
Anonymous		8/26	\$12	\$12			<a href="#">Details</a>				
Patricia Dahlen	patricia.dahlen@comcast.net	8/25	\$25	\$0			<a href="#">Details</a>				
Sarah Moeding	sarah.moeding@gmail.com	8/25	\$24	\$24			<a href="#">Details</a>				
jonny	jonholup@gmail.com	8/22	\$22	\$22			<a href="#">Details</a>				
schiebem	schiebe.matthew@gmail.com	8/22	\$24	\$24			<a href="#">Details</a>				
joshuahiahX	jimmyrigjosh@gmail.com	8/21	\$22	\$22		Josh	Lutterman				
Emily Frank	emilyefrank@yahoo.com	8/20	\$12	\$12			<a href="#">Details</a>				
Maxray Savage	savagesque@gmail.com	8/19	\$22	\$22			<a href="#">Details</a>				
schiebem	schiebe.matthew@gmail.com	8/18	\$24	\$0			<a href="#">Details</a>				
dhelvick	dhelvick@gmail.com	8/17	\$12	\$12			<a href="#">Details</a>				
Hugh Pruitt	hugh.pruitt@comcast.net	8/17	\$60	\$60	whatever....		<a href="#">Details</a>				



# Helper Modules

- Pay Field (included)
- Pay Progress (included)
- Google Analytics for Payment API



## Open The Cedar on Labor Day to let Mount Eerie in



### 58

supporters

## \$1,460

Pledged of \$1,200 goal

32 weeks 6 days ago

**Project Successful**

### Share this project



[Cedar seeder home](#)

[Cedar Seeder FAQ](#)

[Successful projects](#)

[All Previous Projects](#)

[Details](#)

[Comments](#)

[Supporters](#)

This project is closed as of 5pm Wednesday, August 31st. Thanks so much to all who donated. You can still purchase tickets to the September 4th, 2011 show [here](#) or at the door. If you have any questions about this project, email [adorn@thecedar.org](mailto:adorn@thecedar.org).

**The show is on!** Thanks to all of you, we raised enough money to give the Mount Eerie show a green light. You can still purchase advance tickets (and get posters, LPs, downloads, and other great stuff) by donating here. Just click the "support this project" link above. Thanks for your participation!

The Cedar has historically been closed on Labor Day. This year, we want to open our doors to present Mount Eerie (aka Phil Elverum aka The Microphones) with Nicholas Krgovich and Andrew Broder. This is a special opportunity since Elvrum hasn't played in the Twin Cities for two years, and we've never before hosted him at The Cedar. However, we need to ensure that opening our doors on Labor Day is worth this concert, so we need 100 people to commit to coming by donating to the project at any of the specified levels. If we are able to raise \$1,200 from about 100 people by August 22nd, the Cedar will open, and the show will go on!

Mount Eerie playlist:

<http://www.shortform.com/TheCedar/bringmounteerie2thecedarlaborday>

WHO: Mount Eerie with Nicholas Krgovich and Andrew Broder

WHAT: A performance, if we can raise the funds required



### Follow this project





# What about Drupal Commerce?

- Drupal 7: “Full e-commerce:” Commerce
- “Light e-commerce:” Payment API



# Payment API Status

- Originally written in 2006 (I know, right?)
- alpha status:
  - More sub-modules
  - Recurring transactions
  - Multi-currency



# BoF

- Today at 2:15 (next session!)
- Room 504



# Questions?

- <http://drupal.org/project/pay>
- Allie Micka [allie@advantagelabs.com](mailto:allie@advantagelabs.com)
- [twitter.com/vauxia](https://twitter.com/vauxia)





# What did you think?

Locate this session on the  
DrupalCon Denver website

<http://denver2012.drupal.org/program>

Click the “Take the Survey” link.

# Thank You!