# Contribution Forms Gone Wild!

#### Micah Lee

Web Developer
Electronic Frontier Foundation
micah@eff.org
@micahflee



### Custom Templates

- Everything in CiviCRM is rendered with a Smarty template
- Set custom templates path in: civicrm/admin/setting/path?reset=1
- You can find all the built-in templates in: sites/all/modules/civicrm/templates/CRM
- You can see what template file you need by viewing the source and search for "tpl"

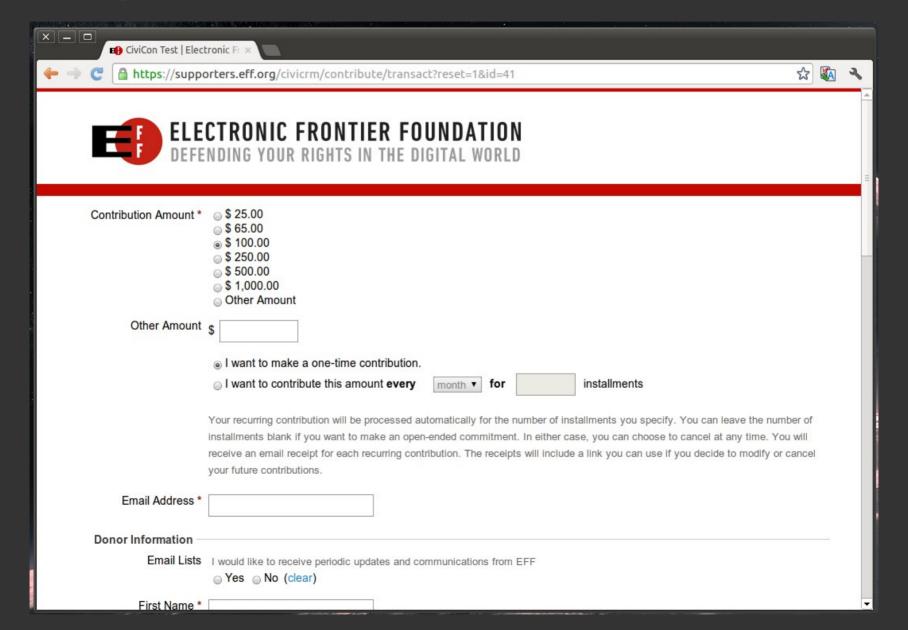
# Custom Templates Set the Path

### **Settings - Upload Directories**

Default values will be supplied for these upload directories the first time you access CiviCRM - based on the CIVICRM TEMPI ATE COMPILEDIR specified

in civicrm.settings.php. If you need to modify the defaults, make sure that your web server has write access to the directories.						
SAVE						
Temporary Files	/www/eff.org/docs/sites/supporters.eff.org/files/civicrm/upload/					
	File system path where temporary CiviCRM files - such as import data files - are uploaded.					
Images	/www/eff.org/docs/sites/supporters.eff.org/files/civicrm/persist/contribute/					
	File system path where image files are uploaded. Currently, this path is used for images associated with premiums (CiviContribute thank-you gifts).					
Custom Files	/www/eff.org/docs/sites/supporters.eff.org/files/civicrm/custom/					
	Path where documents and images which are attachments to contact records are stored (e.g. contact photos, resumes, contracts, etc.). These					
	attachments are defined using 'file' type custom fields.					
Custom Templates	/www/eff.org/docs/custom/templates					
	Path where site specific templates are stored if any. This directory is searched first if set. Custom JavaScript code can be added to templates by					
	creating files named templateFile.extra.tpl. (learn more)					
	CiviCase configuration files can also be stored in this custom path. (learn more)					
Custom PHP Path						
Directory	Path where site specific PHP code files are stored if any. This directory is searched first if set.					
CiviCRM Extensions						
Directory	Path where CiviCRM extensions are stored.					
SAVE						

# Custom Templates Figure Out What Files to Edit



# Custom Templates Figure Out What Files to Edit

```
\times - -
           CiviCon Test | Electronic F
                                     view-source:https://suppo
             view-source:https://supporters.eff.org/civicrm/contribute/transact?reset=1&id=41
                 var currentActive = cj('#crm-container .btn-slide-active');
                                                                                                   tpl
                 currentActive.children().hide();
172
                 currentActive.removeClass('btn-slide-active'):
173
                 cj(event.target).children().show();
174
                 cj(event.target).addClass('btn-slide-active');
175
            } else {
                 cj('.btn-slide .panel').hide();
176
                 cj('.btn-slide-active').removeClass('btn-slide-active');
178
179
    </script>
181
182
    <div class="clear"></div>
184
185
186
187
188
    <!-- .tpl file invoked: CRM/Contribute/Form/Contribution/Main.tpl. Call via form.tpl if we have a form in the page. -->
        <form action="/civicrm/contribute/transact" method="post" name="Main" id="Main" enctype="multipart/form-data" >
    <script language="JavaScript" type="text/javascript">
194
    cj(function()
196
197
198
                             = "#country-Primary"
199
                stateProvinceID = "#state province-Primary"
200
                             = "/civicrm/ajax/jqState"
201
202
            cj(countryID).chainSelect(stateProvinceID, callbackURL, null );
203
204
    cj (function()
206
207
208
                             = "#billing country id-5"
209
                 stateProvinceID = "#billing state province id-5"
```

# Custom Templates Create the Right Files

You can override template files:

templates/CRM/Contribute/Form/Contribution/Thanks.tpl

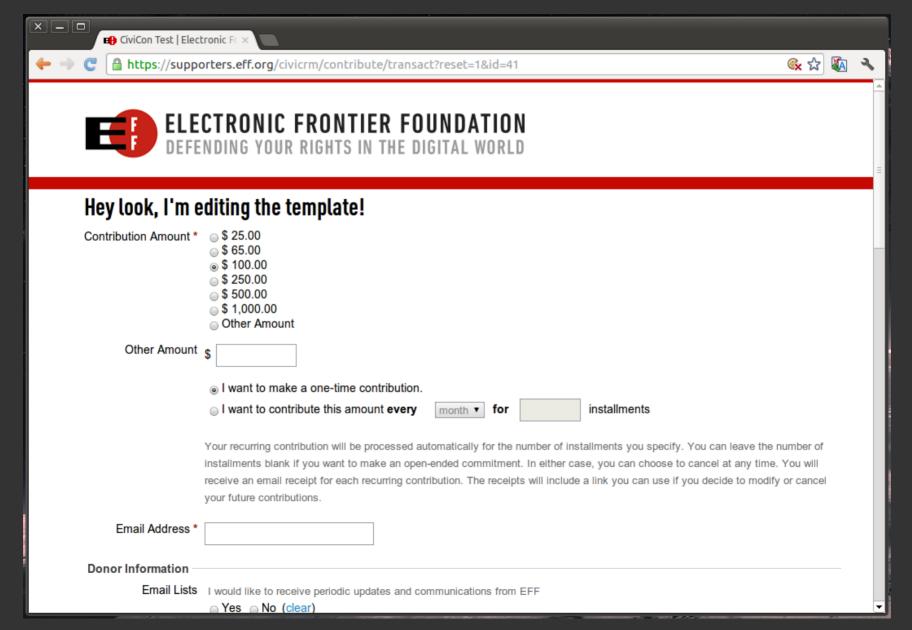
You can also have a different template for each contribution page based on ID:

templates/CRM/Contribute/Form/Contribution/41/Main.tpl

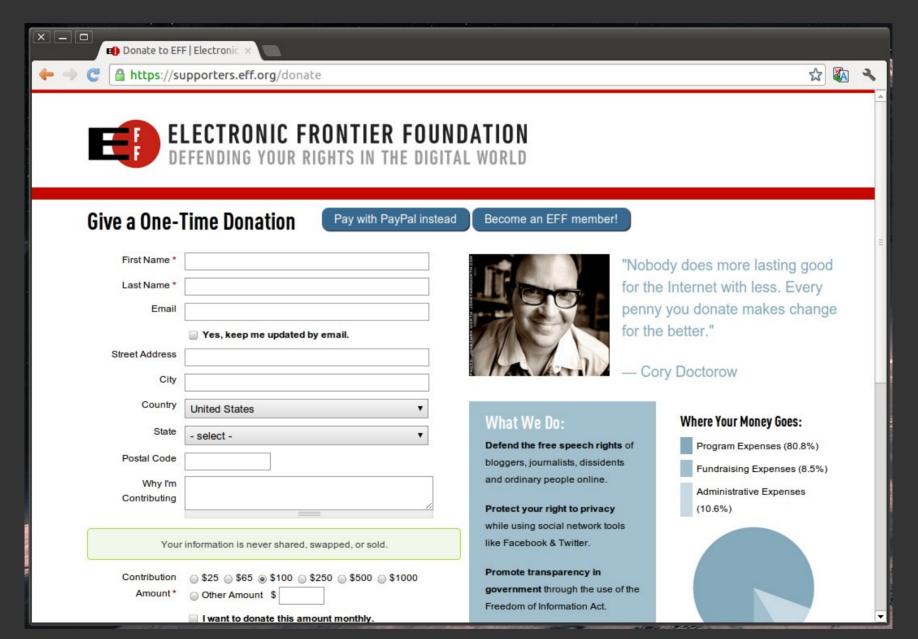
# Custom Templates Edit Your Template

```
| License and the CiviCRM Licensing Exception along
19
      with this program; if not, contact CiviCRM LLC
20
      at info[AT]civicrm[DOT]org. If you have questions about the
21
      GNU Affero General Public License or the licensing of CiviCRM.
22
      see the CiviCRM license FAO at http://civicrm.org/licensing
23
24
25 *}
26
27 <h2>Hey look, I'm editing the template!</h2>
28
29 {if $onbehalf}
      {include file=CRM/Contribute/Form/Contribution/OnBehalfOf.tpl}
31 {else}
32 {literal}
33 <script type="text/javascript">
34 <!--
35 // Putting these functions directly in template so they are available for st
    andalone forms
36
37 function useAmountOther() {
       for( i=0; i < document.Main.elements.length; i++ ) {</pre>
38
            element = document.Main.elements[i];
39
            if ( element.type == 'radio' && element.name == 'amount' ) {
"Main.tpl" 440L, 16493C written
                                                               27,1
```

# Custom Templates Edit Your Template



# Custom Templates Make It Look Awesome



### **URL** Aliases

Why have URLs that look like this:

https://example.com/civicrm/contribute/transact?reset=1&id=41

When they can look like this?

https://example.com/donate

URL aliases (path module) work great with CiviCRM.

### **URL** Aliases

URL aliases ONG YOUR RIGH

LIST

**PATTERNS** 

SETTINGS

**BULK UPDATE** 

**DELETE ALIASES** 

Home » Administration » Configuration » Search and metadata

An alias defines a different name for an existing URL path - for example, the alias 'about' for the URL path 'node/1'. A URL path can have multiple aliases.

#### + Add alias

FILTER ALIASES	
donate	Filter Reset

ALIAS	SYSTEM	OPERATIONS
donate	civicrm/contribute/transact?reset=1&id=1	edit delete
donate/2011	civicrm/contribute/transact?reset=1&id=12	edit delete
donate/dfa	civicrm/contribute/transact?reset=1&id=37	edit delete
donate/freespeech	civicrm/contribute/transact?reset=1&id=32	edit delete
donate/freespeech/paypal	civicrm/contribute/transact?reset=1&id=33	edit delete

### Hooks

```
hook_civicrm_buildForm($formName, &$form)
hook_civicrm_validate($formName, &$fields,
&$files, &$form)
hook_civicrm_postProcess($formName,
&$form)
```

### civicrm\_noconfirm

https://github.com/emotive/CiviCRM-No-Confirmation

```
<?php
   function civicrm noconfirm civicrm postProcess($formName, &$form) {
       // Disable confirmation for contribution forms
       if($formName == 'CRM_Contribute_Form_Contribution_Main') {
   $confirmForm =& $form-controller->_pages['Confirm'];
 6
 8
            $confirmForm->preProcess();
 9
10
            // Hack to tell form validator that confirmation page is valid
11
            $data =& $form->controller->container();
            $data['valid']['Confirm'] = 1;
12
13
            // Redirect to thank you page
14
            $confirmForm->postProcess();
15
            $qfKey = $form->controller->_key;
16
       CRM_Utils_System::redirect( CRM_Utils_System::url( 'civicrm/contribute/'
17
   ransact', "_qf_ThankYou_display=1&qfKey=$qfKey", true, null, false ) );
18
19
20 }
21
22 ?>
                                                                                   All
                                                                   1.1
```

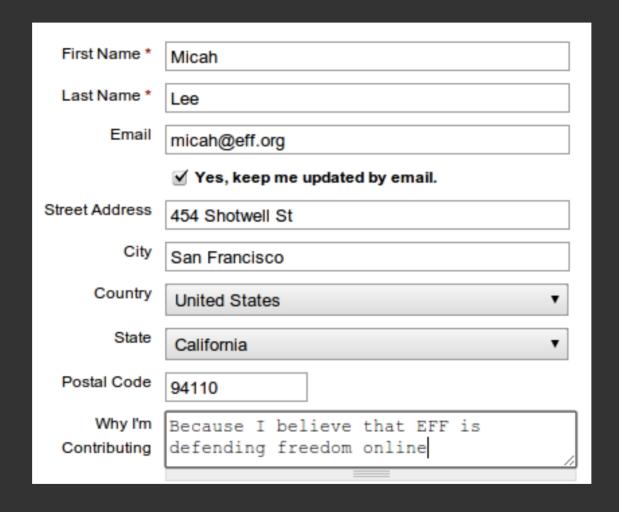
### Javascript and CSS

Here's how you add Javascript and CSS to specific pages.

## Javascript and CSS

```
jOuery(function(){
      // some css
       jQuery('#crm-container #donate .is_recur-section').css('margin-left', '120px');
       // now make the amount section look nicer
       jQuery('#crm-container .amount-section .content label').each(function(){
    var price = jQuery(this).html();
7
8
           price = price.replace(',', '').replace('.00 ', '').replace('$ ', '$');
9
           jQuery(this).html(price);
10
           jQuery(this).css('font-size', '12px');
11
       });
       jQuery('#crm-container .amount-section .content input[value=\'amount other radio
12
    |']').before('<
                                                       .label').hide();
13
       iOuerv(
                                                section .content')
14
       jQuery(
15
16
17
                                 amount-section .content').append(jQuery('#crm-container
18
       jQuery(
        unt other-section .content'));
19 });
```

## "Why I'm Contributing" Tweet



# "Why I'm Contributing" Tweet



#### Dear Friend of Digital Freedom,

Thank you for donating to the Electronic Frontier Foundation (EFF)! Your contribution means a great deal to EFF and enables EFF attorneys, technologists, and activists to continue to protect free speech, fair use, innovation and privacy in the online world.

If you have made a recurring monthly donation and would like to update your credit card information, please contact us at (415)436-9333 x120 Monday through Friday, 9-6 PM Pacific Time.



#### Help EFF Without Spending a Dime!

You could **double** the impact of your donation at no additional charge! Use our matching donation search tool to see if your employer matches your charitable gifts, or inquire with your human resources department. Learn even more ways to help preserve our digital rights on our site.

On behalf of our Board, staff, and volunteers, thank you for your contribution and for helping to protect digital freedom.

Sincerely,
Aaron Jue
Membership Coordinator
Electronic Frontier Foundation
415-436-9333 x120
membership@eff.org

```
// contribution form, thank you
if($formName == "CRM_Contribute_Form_Contribution ThankYou") {
    // why I contributed tweet
    $donate link = "https://eff.org
    $why = $form->_defaultValues['custom_34'];
    if(empty($why)) {
         $tweets = array();
         $tweets[] = "I just donated to @EFF who work to keep the internet free and open $donate_link";
$tweets[] = "I just donated to @EFF, the leading civil liberties organization defending digital
rights $donate link";
         $tweets[] = "I just donated to @EFF who defend free speech, privacy, and user rights online $don
ate link":
         $tweets[] = "I just donated to @EFF who fight for users' rights $donate_link";
$tweet = $tweets[rand(0, sizeof($tweets))];
    } else {
         $tweet = "Why I donated to @EFF: ".$why;
         if(strlen($tweet) + 1 + strlen($donate link) > 140) {
             $words = explode(" ", $tweet);
             Stweet = "":
             foreach($words as $word) {
                  if(strlen($tweet) + strlen($word) > 136 - strlen($donate link)) break;
                  Stweet .= Sword." ":
             $tweet .= "... $donate link";
         } else {
             $tweet .= $donate link;
    $twitter_url = "https://twitter.com/?status=".urlencode($tweet);
                                                         el">Share Why You Donated on Twitter<a
$twitter_url.'" targe
                                    p><a href="'.$twitter_url.'" target="_blank">'.htmlspecialchars($tweet).
    $form->assign('twitter_link', $html);
```

## "Why I'm Contributing" Tweet

You can assign your own Smarty tokens:

\$form->assign('twitter\_link', \$html);

# POWER UP YOUR DONATION!

#### EFF is the leading organization defending civil liberties in the digital world.

Donate **now** and every dollar you give will provide **two** dollars to help EFF! Thanks to such strong support for the campaign, we were happy to offer three separate \$10,000 matching grants since Thursday that provided a 4x power up. The Brin Wojcicki Foundation will continue to match donations 2x as part of their \$500k EFF on Mission challenge grant.

First Name	
Last Name	
Email	
	Yes, keep me updated by email.
Street Address	
City	
Country	United States
State	- select -
Postal Code	
Why I'm	
Contributing	<u> </u>
Top Heroes Name	
	Enter the name/Twitter handle you want display
	the Top $10$ Heroes list. Leave blank if you don want credit.

#### Membership Levels and Dues

- Major Donor \$ 1,000.00
- Rare Earths \$ 500.00
- Titanium \$ 250.00

#### Pay with PayPal instead

	Top 10 Heroes	Donation
1.	lakelady	\$5000.00
2.	davesf	\$3000.00
3.	@dualcoremusic (that's \$9001.00)	\$2250.25
4.	@oota	\$1337.00
5.	@AlSweigart	\$1200.00
6.	ttuttle	\$1024.00
7.	elly	\$1024.00
8.	darrin	\$1001.00
9.	lunaslide	\$1000.00
10.	mlcatl	\$1000.00

Н	eroes	Donations	
	1102	\$113141.51	

Time's up!

EFF would like to extend our heartfelt thanks to the following donors who have made the Power Up Challenge possible:



**EFF** is the leading organization defending civil liberties in the digital world.

First Name *				
Last Name *				
Email				
	Yes, keep me updated by email.			
Street Address				
City *				
Country *	United States			
State *	- select -			
Postal Code *				
Why I'm Contributing				
Your information is never shared, swapped, or sold.				

#### Membership Levels and Dues

Major Donor - \$ 1,000.00

### Same Donate Page, Different Stuff

- We have separate donate and join pages
- We have separate credit card and PayPal pages
- If we want the Contribution Source to be different for a specific set of donate pages, we need to duplicate 4 pages
- We need a different Contribution Source (and other data) for each action alert thank you page















### **ELECTRONIC FRONTIER FOUNDATION**

DEFENDING YOUR RIGHTS IN THE DIGITAL WORLD

### TELL YOUR FRIENDS!











Hey @DHSgov, come clean about what you are doing with our private data! https://eff.org/r.3K5



Photo credit: Ann De Wulf

"EFF is the voice of reason in today's debates about privacy, security, and the rights of individuals."

- Bruce Schneier, renowned security technologist and author of Applied

### SUPPORT OUR WORK!

Pay with PayPal instead

First Name *		
Last Name *		
Email		
	Yes, keep me updated by email.	
Street Address		
City		
Country	United States	•
State	- select -	•
Postal Code		
Why I'm Contributing		

Your information is never shared, swapped, or sold.





https://supporters.eff.org/thanks/paypal-censorship









### **ELECTRONIC FRONTIER FOUNDATION**

DEFENDING YOUR RIGHTS IN THE DIGITAL WORLD

### TELL YOUR FRIENDS!











Tell @PayPal: don't censor what we can read. https://eff.org/r.1Uy via @eff @ncacensorship & @freadom



"Nobody does more lasting good for the Internet with less. Every penny you donate makes change for the better."

Cory Doctorow

### SUPPORT OUR WORK!

Pay with PayPal instead

First Name *		
Last Name *		
Email		
	Yes, keep me updated by email.	
Street Address		
City		7
Country	United States	•
State	- select -	•
Postal Code		
Why I'm Contributing		

Your information is never shared, swapped, or sold.

# First, Make a New Content Type

**Custom Contribution Page** 

EDIT

MANAGE FIELDS

MANAGE DISPLAY

Home » Administration » Structure » Content types » Custom Contribution Page

Show row weights

LAE	BEL	NAME	FIELD	WIDGET	OPER#	ATIONS
+	Title	title	Node module element			
+	URL path settings	path	Path module form elements			
+	URL redirects	redirect	Redirect module form elements			
+	Source	field_source	Text	Text field	edit	delete
+	Action URL	field_action_url	Text	Text field	edit	delete
+	Twitter Status	field_twitter_status	Text	Text field	edit	delete
+	Identi.ca Status	field_identica_status	Text	Text field	edit	delete
+	Body	body	Long text and summary	Text area with a summary	edit	delete
+	Endorsement	field_endorsement	List (text)	Check boxes/radio buttons	edit	delete
+	Contribution Type	field_contribution_type_id	List (integer)	Check boxes/radio buttons	edit	delete
+	Donate Path	field_donate_path	Text	Text field	edit	delete
+	Donate PayPal Path	field_donate_paypal_path	Text	Text field	edit	delete
+	Join Path	field_join_path	Text	Text field	edit	delete
++	Join PayPal Path	field_join_paypal_path	Text	Text field	edit	delete

### Make Your Nodes

Edit Custom Contribution Page Tell PayPal: Don't Censors Books

VIEW

**EDIT** 

DEVEL

Home » Tell PayPal: Don't Censors Books

Title \*

Tell PayPal: Don't Censors Books

Source \*

Tell PayPal: Don't Censors Books

What the "Source" of contributions from this page will be.

#### Action URL

https://eff.org/r.1Uy

If this is an action alert thank you page, this is the URL of the action alert.

#### **Twitter Status**

Tell @PayPal: don't censor what we can read. https://eff.org/r.1Uy via @eff @

#### Identi.ca Status

Tell PayPal: don't censor what we can read. https://eff.org/r.1Uy

#### **Body**

Contribution page URLs look like this: civicrm/contribute/transact? reset=1&id=\$CONTRIBUTION\_PAGE\_ID

We add some fields: civicrm/contribute/transact? reset=1&id=\$CONTRIBUTION\_PAGE\_ID&nid=\$NODE\_ID &secret=\$SHARED\_SECRET

And we use URL aliases to hide the secret: thanks/paypal-censorship

```
$contribution_custom_config_secret = "SecretValueHere";
function hook_civicrm_buildForm( $formName, &$form ) {
    if($formName == "CRM_Contribute_Form_Contribution_Main") {
        // create custom contribution page session scope
        $contribution custom config scope = 'custom config '.$form-≥controller-> key;
        global $contribution custom config secret;
        require_once("CRM/Core/Session.php");
        $session = CRM_Core_Session::singleton();
        $session->createScope($contribution custom config scope);
        // set the defaults
        $title = ''; $body = ''; $action_url = ''; $source = "Donate Page"; // etc...
        // only set these if the the url contains this secret string
        if($_GET['secret'] == $contribution_custom_config_secret) {
        // assign template tokens
        $form->assign('custom_title', $title);
$form->assign('custom_body', $body);
$form->assign('custom_action_url', $action_url);
        $form->assign('custom source', $source);
        // etc...
```

```
// only set these if the the url contains this secret string
        if($_GET['secret'] == $contribution_custom_config_secret) {
            if(isset($ GET['nid'])) {
                 $node = node_load($_GET['nid']);
                 if($node->type == 'custom contribution page') {
                     $title = $node->title;
                     $body = $node->body['und'][0]['safe_value'];
                      // action url
                     $action_url = $node->field_action_url['und'][0]['safe_value'];
                                                                .com/share.php?u=".urlencode($action_url);
/share?url=".urlencode($action_url);
                     $facebook_link = "https://www.f
$gplus_link = "https://plus.goo
                                                                ora.github.com/?title=".str_replace("+",
                     $diaspora link = "http
, urlencode($title))."&url=".urlencode($action_url);
                      // source
                     $source = $node->field_source['und'][0]['safe_value'];
                     $session->set('source', $source, $contribution custom config scope);
                      // etc...
```

```
function hook_civicrm_postProcess( $formName, &$form ) {
    // disable confirmation for contribution forms (taken from civicrm_noconfirm)
    if(SformName == 'CRM_Contribute_Form_Contribution_Main') {
        // see if we have the custom contribution config fields
        $contribution custom config scope = 'custom config '.$form->controller-> key:
        require_once("CRM/Core/Session.php");
        $session = CRM Core_Session::singleton();
        $custom_source = $session->get('source', $contribution_custom_config_scope);
        $session->resetScope($contribution custom_config_scope);
        // make the confirm page
        $confirmForm =& $form->controller->_pages['Confirm'];
        $confirmForm->preProcess();
        $confirmForm->buildOuickForm();
        // hack to tell form validator that confirmation page is valid
        $data =& $form->controller->container():
        $data['valid']['Confirm'] = 1;
        // change the source if needed
       if($custom source) {
           $confirmForm->_values['title'] = $custom source;
        // confirm the contribution
        $confirmForm->postProcess();
        $qfKey = $form->controller-> key;
        // redirect to thank you page
       CRM_Utils_System::redirect(_CRM_Utils_System::url(_'civicrm/contribute/transact', "_gf_ThankY
        ay=1&qfKey=$qfKey", true, null, false ) );
```

## Same Donate Page, Different Stuff

Steps to make a new custom contribution page:

- Create new custom\_contribution\_page drupal node with custom fields in it
- Build URL (e.g. civicrm/contribute/transact? reset=1&id=XX&nid=XX&secret=SecretValue Here
- Make a URL alias for it

To do: Implement a Drupal hook to automatically make the URL alias, so people besides me can make these

### Thanks!

Micah Lee
Web Developer
Electronic Frontier Foundation
micah@eff.org
@micahflee

Slides available at:

https://www.eff.org/document/contribution-pages-gone-wild