

Wall of tricks

1. Event registration peekaboo
2. Contribution Spice up
3. Add the list of group the smarty way
4. Simplify Activity
5. Ajax tag a contact
6. One more thing (edit in place)

Real life example: Customise an event registration

Before

<http://queen.bidnetwork.org/civicrm/event/register?reset=1&id=3&cid=0>

After

<http://crm.bidnetwork.org/civicrm/event/register?reset=1&id=3&cid=0>

- move the prices down
- hide/show prices/fields

The dirty way: in the pre-help field

Using jQuery and CSS to Gain Easy Wins in CiviCRM

The CMS agnostic, cross browser way to get (mostly) what you want

By Stuart from Korlon LLC (find me as "Stoob")

Why is this method OK to use?

- CiviCRM already uses jQuery and CSS
- jQuery and CSS can be used with any CMS supported by CiviCRM: Drupal, Joomla, Wordpress - any version
- jQuery takes the guesswork out of cross-browser script compatibility issues
- jQuery cures disease and feeds children ;-)

What are some common uses?

- Showing and hiding certain parts of a form
- Changing label width and label contents
- Hiding tabs and hiding fields unnecessary in your use case
- Adding headers, changing styles, adding descriptive text

When do I use what?

- Showing and hiding certain parts of a form
- Changing label width and label contents
- Hiding tabs and hiding fields unnecessary in your use case
- Adding headers, changing styles, adding descriptive text

jQuery is red. CSS is blue. Magenta is either.
...and CiviCRM loves you.

Why not do it this way?

- When you require actual security. These methods only hide, show and alter things
- When your user base turns off Javascript
- When you want to manipulate data and processing, not just presentation and UI
- Because you feel more comfortable doing it another way

Why do it this way?

- No merging/diffing .tpl or .php files each time you upgrade Civi
- No modules and PHP that are different for each CMS. Reuse code & save time
- Requires no knowledge of Smarty or PHP
- Flexibility to add jQuery/CSS wherever you want: blocks, templates, modules, themes...

How do I jQuery?

```
<script>  
  jQuery goes here.  
</script>
```

in a Drupal block, Joomla module, template, or theme but... Drupal 7 now uses a [wrapper](#) like:

```
<script>  
(function ($) {  
  cj(jQuery goes here.);  
}(jQuery));  
</script>
```

How do I CSS?

- Add CSS to your theme, template, or block that is called *after* civicrm.css. This should override whatever CSS defaults there are
- Suggest not configuring alternate civicrm.css file or editing this file directly
- Use Firebug or Chrome to inspect element, use exact or more specific selector to override

Contrib spice up

[https://crm.wikimedia.
fr/civicrm/contribute/transact?reset=1&id=2](https://crm.wikimedia.fr/civicrm/contribute/transact?reset=1&id=2)


Customization Exercise

Add a list of subscribed groups to the Contact Summary tab!

Goal



Out of the box ...

The screenshot shows a CiviCRM contact profile for Dave Greenberg. At the top, there is a header with the contact's name and a printer icon. Below this are three buttons: 'Actions' (with a dropdown arrow), 'Edit', and 'Delete Contact'. A navigation bar contains several tabs: 'Summary', 'Contributions 3', 'Pledges 0', 'Memberships 0', 'Events 0', 'Activities 10', 'Relationships 0', 'Groups 2', 'Notes 0', 'Tags 1', and 'Change Log'. The main content area is divided into two columns. The left column shows 'Contact Type' as 'Individual', 'Tags' as 'Volunteer', and 'Main Website' as 'http://civicrm.org'. The right column shows 'Work Mobile' as '415-846-4717' with a red stop sign icon. A 'CiviCRM ID' of 102 and 'User ID' of 1 are also visible in the 'Tags' section.

Contact Type	Individual
Tags	Volunteer CiviCRM ID 102 User ID 1
Work Email	dave@civicrm.org
Home Email	dgreenberg@gmail.com
Main Website	http://civicrm.org
Work Mobile	 415-846-4717

Goal

Customized ...

 **Dave Greenberg** 


Actions ▾ **Edit** **Delete Contact**

[Summary](#) [Contributions 3](#) [Pledges 0](#) [Memberships 0](#) [Events 0](#) [Activities 10](#) [Relationships 0](#) [Groups 2](#)

[Notes 0](#) [Tags 1](#) [Change Log](#)

Contact Type	Individual		
Tags	Volunteer	CiviCRM ID	102
		User ID	1

Groups Advisory Board; Newsletter Subscribers;

Work Email	dave@civicrm.org	Work Mobile	 415-846-4717
Home Email	dggreenberg@gmail.com		
Main Website	http://civicrm.org		

Steps and tools

- Find path and template? View source ".tpl"
CRM/Contact/Page/View/Summary.tpl
- Set up [custom template directory](#) - outside codebase
- Create *.extra.tpl
CRM/Contact/Page/View/Summary.extra.tpl
- As of 4.2 will even work with [/n/](#) versions

Steps and tools

- Smarty syntax

```
{if !empty($job_title)}  
  <td class="label">{ts}Position{/ts}</td>  
  <td class="crm-contact-job_title">{$job_title}</td>  
{/if}
```

- Smarty *{debug}* to discover variables

- API explorer

http://<yoursite>/civicrm/api/explorer

More tips and tools

- *{literal}* tags
- text format CiviCRM-Smarty filter
- Ensure document ready
cj(function(\$) { }
- console.log
- Firebug for css and DOM structure
- jQuery methods to inject HTML
\$('.someSelector').after();

Do's and Don'ts

1. **Don't** use `drupal_add_js()` function
2. **Do** make sure that wherever you are putting the jQuery reads it as `<script>`. **Don't** use filters or input modes that wreck it

Do's and Don'ts

4. **Do** use visibility settings to limit the `<script>` to CiviCRM where you want it such as:
`civicrm/contribute/transact`

5. **Do** use javascript to limit the code to the specific page you want using `id=N` in URL

```
<script>  
if (document.location.href.indexOf('id=N') > 0 ) { ... }  
</script>
```

6. **Do** use the `cj("id#element")` namespace

CSS Commonly Used

```
element#id { display: none; }
element.class { width: Npx; }
element#id {
    text-decoration: none;
    font-weight: normal;
}
element#id.double.class { float: clear; }
```

You may have to get specific like:

```
#content #crm-container div.class { }
```

jQuery Commonly Used

- **.hide() and .show()**
- **.click()**
- **.val()**
- **.before() and .after()**
- **.html()**
- **.replaceWith()**
- **.change()**
- **.ready()**
- **.addClass() and removeClass()**
- **attr('readonly',true)**

Real Example: Price Set Subheaders

```
<style type="text/css">
  div.date-subheader { width:
22%; font-weight: bold; text-
align: right; }
</style>
<script>
cj("div.
Panel_Presentations_in_Collabor-
section").before("<div
class='crm-section date-
subheader'>Thursday, May
24</div>");
</script>
```

**Inserted into page.php in
Wordpress theme.**

Thursday, May 24 

Panel Presentations in
Collaboration With the U.S.
Capitol Historical Society 3:00-5:00pm
Location: U.S. Capitol Visitor Center Auditorium

Welcome Reception 5:00pm-7:00pm
Location: U.S. Capitol Visitor Center Atrium.

Friday, May 25 

Attend Panel Discussion:
Moving Forward in the wake
of the House Page Program
Closure 10:00am-12:00noon
Location TBA. No cost to attend.

Real Example: Simple Activities

This is what it
used to look like.

New Monthly Client Visit(s)

Added By *

With Contact

Assigned To

You can optionally assign this activity to someone. Assigned activities will appear in their Activity Dashboard. A copy of this activity will be emailed to each Assignee.

Subject

Location

Date * Time

Duration Total time spent on this activity (in minutes).

Status *

Details

B I U Font Size

Real Example: Simple Activities

This is an actual 'create activity' screen in Civi simplified for non-techie users to show only the fields that matter.

New Monthly Client Visit(s)

Please record the **total minutes** for this **month** for this client.

Date * Time

Duration in **minutes** Enter the total time spent for this month with this client, i

Pick the any day of the month in which the visit(s) occurred. Please enter **one month at a time**. T
month and year of the visit(s) being entered now. Add up all the **minutes** spent with this client ove
Thanks!

Real Example: Simple Activities

First get the activity type id#, then go nuts with `hide()`, `replaceWith()` and `before()`

```
if (getParameterByName('atype')) {
    var choice = getParameterByName('atype');
    if (choice == '12') {
        cj("tr.crm-activity-form-block-source_contact_id").hide();
        cj("tr.crm-activity-form-block-location").hide();
        cj("tr.crm-activity-form-block-subject").hide();
        cj("tr.crm-activity-form-block-assignee_contact_id").hide();
        cj("tr.crm-activity-form-block-duration label").replaceWith("<label
for='duration'>...
        cj("tr.crm-activity-form-block-target_contact_id").before("<tr>...
```

Real Example: Peekaboo Forms

Show a Profile on a contribution form only when a user selects an option.

1. Find the correct Contribution page with: `document.location.href.indexOf('id=N') > 0`

2. Find the id# of the element you want to trigger and use it:

```
$('#input#CIVICRM_QFID_4_4').click(function() {  
    cj(".custom_post_profile-group").show();  
});
```

3. While you're at it, preselect the state:

```
cj("select#state_province-6").val('1045');
```

4. And trigger a 'same as' address copy:

```
cj('#custom_6\\[Yes\\]').click(function() {  
    cj("#city-7").val($("#city-6").val());  
});
```

One last thing

```
<div id='entity-{$id}' class='crm-entity'>
```

```
...
```

```
<div class='crm-XXX crm-editable'>The data  
{include file="CRM/common/crmeditable.tpl"}
```

```
<tr class='crm-entity' id='activity-{$row.  
activity_id}' class="{cycle values="odd-row,  
even-row"} {$row.class}">
```

```
<td class='crm-editable crmf-subject'>
```