BUILD YOUR OWN CUSTOM FIELD
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HOW CAN I CONTROL THE OUTPUT?

1. CREATE AN OVERRIDE OF A VIEW OR LAYOUT
2. CREATE AN OVERRIDE OF A FIELDS PLUGIN
3. MEDIA OVERRIDES
4. CREATE AN OWN CUSTOM FIELD PLUGIN
EXAMPLE: VIEW OVERRIDE / ALTERNATE LAYOUT

USE THE FIELD VALUE IN YOUR OVERRIDE TO CHANGE THE OUTPUT ON YOUR PAGE

```php
<?php echo $this->data->jcfields[21]->value; ?>
```

If you map the fields to the field-alias you can use something like that:

```php
<?php echo $customFields['myfield']->value; ?>
```
// call the user object
$user = JFactory::getUser($this->item->created_by);
JEventDispatcher::getInstance()->trigger('onContentPrepare',
array('com_users.user',&$user,&$user->params, 0 ));

// map the fields
$userFields = $user->jcfields;
foreach ($userFields as $userField) {
    $userFields[$userField->name] = $userField;
}

// transform value to rgb
$color = $userFields['companycolor']->value;
list($r, $g, $b) = sscanf($color, "#%02x%02x%02x");
$rgbcolor = $r.','.$g.','.$b;

// define css
$css = "body.site { background:'.$color .'; }\n"
$css .= ".companybox { background-color:rgba('. $rgbcolor .',0.5 )\n"

// call document object
$doc = JFactory::getDocument();

// add local style declaration
$doc->addStyleDeclaration($css, $type= 'text/css');
EXAMPLE: LAYOUT OVERRIDE

CREATE A GLOBAL LAYOUT OVERRIDE OF THE FIELD OR FIELDS CONTAINER

- protostar
  - html
    - layouts
      - com_fields
        - field
          - render.php
        - fields
          - render.php
EXAMPLE: LAYOUT OVERRIDE

CREATE A COMPONENT-WISE LAYOUT OVERRIDE OF THE FIELD OR FIELDS CONTAINER

- protostar
  - html
    - layouts
      - com_content
        - field
          - render.php
        - fields
          - render.php
EXAMPLE: ALTERNATE LAYOUT

CREATE AN ALTERNATE LAYOUT OF THE FIELD (GLOBALLY OR COMPONENT-WISE)

- protostar
  - html
    - layouts
      - com_content
        - field
          - netherlands.php

{field 1, netherlands}
EXAMPLE: PLUGIN OVERRIDE
CREATE AN OVERRIDE OF THE FIELDS PLUGIN ITSELF AND PLACE IT IN YOUR TEMPLATE.

- plugins
  - fields
    - imagelist
      - tmpl
        - imagelist.php
  - protostar
    - html
      - plg_fields_imagelist
        - imagelist.php
EXAMPLE: MEDIA OVERRIDE

CREATE A MEDIA OVERRIDE TO CONTROL THE CSS OF EXISTING FIELDS

- media
  - system
    - css
      - fields
        - calendar.css
- protostar
  - css
    - system
      - fields
        - calendar.css
CREATE YOUR OWN FIELD PLUGIN

1. EASIER INSTALLATION
2. EASIER TO KEEP IT UP TO DATE THROUGH YOUR PROJECTS
3. EASIER SHARING WITH OTHERS
4. MAKE CHANGES EASIER AND FASTER
WHAT CAN I CREATE?

- Video Embed
- PDF Display
- Lightboxes
- Galleries
- Sliders
- Maps
- Weather Widget
- Calendars
- Audio Embed
- Datepicker
- Autocomplete
- Slideshare
- What Can I Create?
DOWNLOAD
BASIC EXAMPLE PROJECT

https://github.com/coolcat-creations/plg_fields_addresscomplete
addresscomplete.xml
addresscomplete.php
params
  addresscomplete.xml
fields
  addresscomplete.php
tmpl
  addresscompletephp
language
  en-GB
    en-GB.plg_fields_addresscomplete.ini
    en-GB.plg_fields_addresscomplete.sys.ini
ADDRESSCOMPLETE.XML

The file is the manifest file for your fields plugin.

- All important informations for the installation
- Global field parameters
- List Update Server
- List Post Install Scripts
- Possible to add field specific parameters here
<?xml version="1.0" encoding="utf-8"?>
<form>
    <fields name="fieldparams">
        <fieldset name="fieldparams">
            // Here you can add fields
        </fieldset>
    </fields>
</form>
- Create the input field
- *Extending a Field or Custom Form Field*

https://docs.joomla.org/Creating_a_custom_form_field_type

or short-url: https://bit.ly/2GTbOCq
Example field is a simple text field
- extending `JFormText Field`
- adding a special class
- adding a script

```php
class JFormFieldAddressComplete extends JFormFieldText
```

Namespaced Example will follow soon!
INITIALISE THE FIELD PLUGIN

ADDRESSCOMPLETE.php

To show the field at all we have to initialise it in the main plugin file

defined('_JEXEC') or die;
JLoader::import('components.com_fields.libra ries.fieldsplugin', JPATH_ADMINISTRATOR);

class PlgFieldsAddresscomplete extends FieldsPlugin {
}
In the example the user entry is saved as value and will be returned in the frontend like that:

```php
defined('_JEXEC') or die;

if (!$field->value)
{
    return;
}

echo $field->value;
```
READY!  OUTPUT

Eindhoven, Noord-Brabant, Niederlande
BORING!
DO MORE!

TRAVEL.CUSTOM-FIELDS.NET

Different uses of the user input value “Address”
ADDING A FLICKR GALLERY

TMPL/SUBTEMPLATES /FLICKR.php
ADDING A FORECAST

TMPL/SUBTEMPLATES/WEATHER.PHP
ADDING A MAP

TMPL/SUBTEMPLATES
/MAP.php
ANOTHER TUTORIAL

OWL CAROUSEL GALLERY

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