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ACF ContentPress is a WordPress plugin based on the ACF (Advanced Custom Fields) WordPress plugin.

ACF ContentPress provides an accessible interface to create ACF Fields in PHP. Additionally, you may register Custom Post Types and Taxonomies directly in the code.
ACF (Pro) is a WordPress plugin which allows you to create custom key/value storage fields on WordPress posts. By default, every WordPress Post has a title and a content text field. For complex pages or custom post types however you may wish to use multiple and specific fields. (eg A custom post type ‘book’ might have a field ‘ISBN Number’)

If you’re already familiar with the ACF Plugin, you may skip this chapter.

1.1 ACF Components

Below is an overview of the ACF Structure. More detailed information about individual components in the following chapters.

• Field Groups
  – Field 0..n
  – Repeater Field
    * Field 0..n
  – Flexible Content Field
    * Layout 0..n
      · Field 0..n

The repeater and flexible layout fields are just there for reference. Of course they are regular fields and fit wherever a field fits. That is, inside a field group, layout or repeater field. Putting a flexible content field inside a repeater field, inside a layout of a flexible content field, inside a ...etc is probably a bad idea. Think about splitting stuff into multiple field groups and creating custom post types.

1.1.1 Field Groups

The basic ACF building block is a field group. Field groups are a container in which you may add fields. Field groups also specify where its fields are attached.
So you might create a ‘bookfieldgroup’ with a field for an ISBN Number, and configure this field group to attach itself to posts of the type book.

### 1.1.2 Fields

A field is a key/value storage. There are simple fields like the TextField for storing strings, and complex fields like the RelationShipField for storing foreign keys or the RepeaterField and FlexibleContentField, which are used for repeating elements. More on these complex fields below.

**Repeater Fields**

Repeater fields can have fields added to itself.

The perfect example is building an image slider. You’d create a repeater field called slider. To this repeater field you can then add the image field ‘image’ and the textarea field ‘caption’. This would provide you with a structure in which you can add multiple “slides”, each consisting of an image and a caption field, to your slider.

**Flexible Content Fields & Layouts**

Whereas repeater fields are perfect for sliders, flexible layout fields are perfect for user-generated content where they can choose from pre-defined layouts, and add, delete and arrange them in any way they desire. So instead of adding fields to a flexible content field, you add layouts.

You can think of layouts as “mini field groups”, because they can hold fields like a field group, but are always attached to a specific flexible content field.

A perfect example is a standard content page on any website. By creating a flexible content field, you can add a paragraph layout(title field and text field), an image layout(image field and alt text field), a gallery layout(with a repeater field), and so on. The user can then decide if and in which order they use the layouts.
CHAPTER 2

Quickstart

2.1 Installation

Using Composer:

```bash
composer install premiummedia/acfcontentpress
```

2.2 Usage

By default, ACFCP will look for a ‘contents’ directory in in your active theme folder. Inside this directory you add folders to separate your field group and layout definitions.

Recommended folder structure:

```plaintext
YOUR_THEME_DIRECTORY
  > [WordPress files, index.php, style.css etc.]
  > contents
    > fieldgroups
      > ...
    > layouts
      > ...
    > cpts
      > ...
    > taxonomies
      > ...
```
ACFCP will look for field groups in this location:

```
[YOUR_THEME_DIRECTORY]/contents/fieldgroups/
```

Create a new file within this directory for your field group. Best practice for naming is appending the ‘fieldgroup’ suffix. eg. ‘bookfieldgroup.php’ for holding fields to be attached to a book.

Within this file you need to return an array containing the field group definition.

‘bookfieldgroup.php’

```php
<?php
return [
    ACFCP::APPLIESTO => ['book'],
    ACFCP::FIELDS => [
        [ACFCP::IMAGEFIELD, 'cover', 'Cover Image'],
        [ACFCP::TEXTFIELD, 'isbn', 'ISBN Number', ['instructions' => 'The Book\'s unique ISBN Number'],
        [ACFCP::TEXTAREAFIELD, 'summary', ['required' => true]]
    ]
];
```
Within the ‘ACFCP::FIELDS’ array entry, create a separate array for each field with this schema: (<>) means optional

```
[
    Field Type
    Field Key/Id (string)
    <Field Label> (string)
    <Field Settings> (array)
]
```

Besides the field type, the field key is always required. Keep this nice and short, it is for internal use only. For a human-readable version, set a field label.

If the field label is omitted, the field key is used as the label, with its first character uppercased.

### 3.1.1 Available Field Types

See the ACF Website for more information on these fields.
3.1.2 Available Field Settings

Each field has different settings available. A text field has a placeholder, whereas an image field has a min-height, etc. Set these by adding an array to your field definition. See the ACF Website for available field settings.

3.2 Flexible Content Fields

Flexible content fields have layouts added to them, which themselves contain fields. To get started, first we have to create one or more layouts.

3.2.1 Layouts

Layouts are defined pretty much the same as a field group: Create a file with an array definition in the directory:

```
[YOUR_THEME_DIRECTORY]/contents/fieldgroups/
```

Note that there is no need for a location setting, because we will be adding the layout directly to a flexible field. This allows you to easily use your layout in multiple flexible content fields at the same time.

```
php

return [  
  ACFCP::FIELDS => [  
    [  
      ACFCP::TEXTFIELD,  
      'title',  
    ],  
    [  
      ACFCP::TEXTAREAFIELD,  
      'text'  
    ],  
  ],  
  ACFCP::SETTINGS => [  
    'label' => 'Paragraph'  
  ];
```
Once we’ve defined a layout, we can add it to a flexible content field.

‘mixedcontentfieldgroup.php’

```php
<?php
return [
    ACFCP::APPLIESTO => [
        'page',
    ],
    ACFCP::FIELDS => [
        [
            ACFCP::FLEXIBLECONTENTFIELD,
            'multicontent',
            'Multi Content',
            ACFCP::SETTINGS => [
                'button_label' => 'Add Content'
            ],
            ACFCP::LAYOUTS => [
                'paragraphlayout'
            ]
        ]
    ]
];
```

### 3.3 Repeater Fields

For adding fields to a repeater fields, just add an array to the field definition. In this example, we create a layout containing a repeater field.

‘downloadlayout.php’

```php
<?php
return [
    ACFCP::FIELDS => [
        [
            ACFCP::TEXTFIELD,
            'title',
        ],
        [
            ACFCP::REPEATERFIELD,
            'files',
            ACFCP::FIELDS => [
                [
                    ACFCP::TEXTFIELD,
                    'name',
                    'Filename'
                ],
                [
                    ACFCP::FILEFIELD,
                    'file',
                    [
                        'required' => 1
                    ]
                ]
            ]
        ]
    ]
];
```
ACFCP::SETTINGS => [
    'label' => 'Download'
];
Creating Custom Post Types

ACFCP will look for custom post types in this location:

```
[YOUR_THEME_DIRECTORY]/contents/cpts/
```

Create a new file within this directory for your custom post type. The filename will be the slug of the post type.

Return an array, which corresponds to the second parameter of the standard-WordPress ‘register_post_type’ function.

`book.php`

```php
<?php
return [
    "label" => "Book",
    "public" => true,
    "has_archive" => false
];
```
ACFCP will look for taxonomies in this location:

[YOUR_THEME_DIRECTORY]/contents/taxonomies/

Create a new file within this directory for your taxonomy. The filename will be the slug of the taxonomy.

Return an array, which contains the keys ‘object_type’ and ‘args’. They both correspond to the second, resp. third parameter of the standard-WordPress ‘register_taxonomy’ function.

‘genre.php’

```php
<?php
return [
    "args" => [
        "public" => true,
        "labels" => [
            "name" => "Genres",
            "singular_name" => "Genre",
            "menu_name" => "Genre"
        ]
    ],
    "object_type" => ["book"]
];
```
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