TUTORIAL NOTES

CREATE A LISTING WEBSITE WORDPRESS & JETENGINE | REAL ESTATE WEBSITE IN WORDPRESS ELEMENTOR (2021)

JUMP TO BOOKMARK

VIDEOS

00. INTRODUCTION

- · Basics of using JetEngine to create a more dynamic WordPress website
- JetEngine, Elementor Pro

01. OVERVIEW

- The project creates a real estate website
- · Custom fields not part of normal WP
- · Categories in to nav
- Introduce to taxonomies for organizing and categorizing website

PLUGINS

- Classic Editor
- Duplicate Post
- Elementor
- Elementor Pro
- JetEngine

02. TERMINOLOGY

- JetEngine settings in wpadmin menu
- Post Type: posts, pages, etc represents real objects
- meta fields: title, content, feat img, etc.
- taxonomies: a way to organize content into groups
- We will look at post types, taxonomies, and listings
- We WON'T be working with metaboxes

03. CREATING CUSTOM POST TYPES

• To create post type: JetEngine > Post Types



TIP. You can choose to work with built-in or JetEngine CPTs (custom post types) using the toggle in upper right

CREATE NEW CPT:

Click "Add New"

04. GENERAL SETTINGS

• Post Type Name: Properties

Post Type Slug: properties

05. LABELS

· Totally optional

ADVANCED SETTINGS (08:12)

- These are the changes we need for this project:
- Has Archive: enable
- Hierarchical: enable [allows multiple levels]
- Menu Position: 1 [where displays on left sidebar]
- Menu icon: dashicons-admin-multisite
- **Supports**: title, editor, thumbnail (feat img) [built-in meta fields that our custom post can make use of]

06. PROPERTIES [DOESN'T REALLY MAKE SENSE AS A TIMESTAMP - SHOULD DELETE]

07. META FIELDS

Create first meta field: Property Price

PROPERTY PRICE

- Click "New Meta Field"
- Label: [human-readable] Property Price
- Name/ID: property-price

Eric L. Hepperle 2024-02-16

- Object Type: [what kindof field?] Field
- Field Type: [what type of data should user input?] Text

TIP. Often works best to set Field Type for numeric values as Text

• Description: (optional) Notes to end user

• Field Width: 100%

Character Limit: blank

• Default Value: blank

• Is Required: yes

LOCATION

• Is Required: yes

GALLERY

• Field Type: Gallery [upload multiple images as same time]

ADMIN COLUMNS (14:14)

- Allows us to insert additional columns into the admin section
- Click "Add Post Type" to save all our settings
- Refresh page and click on "Properties" in the admin menu

#GOTCHA: In the Propeties editor by default the only columns are Title and Date

ADMIN COLUMN: FEATURED IMAGE

- WPADMIN > JetEngine > Post Types > Click "Properties" in Post Type column
- Scroll to bottom and click Admin Columns > Add New
- **Title:** Featured Image
- Type: Select from existing callbacks > Render image tag ...

Set Field: thumbnail

o Size: 100

• Column Order: 2

ADMIN COLUMN: PROPERTY LOCATION

- Title: Property Location
- Type: Meta Value
- · Scroll up to the Location custom field and grab the field ID/Name
- Field Name: location
- Column Order: 3
- Is Sortable: yes
- Update Post Type
- · Go back to the properties list and you can see the new columns are there

NEXT: Creating custom taxonomies

08. CREATING CUSTOM TAXONOMY

- Create Property Types taxonomy
- JetEngine > Taxonomies > Add New

General Settings:

- Taxonomy Name: Property Types
- Post Type: Properties

Labels:

(optional)

Advanced Settings:



#TIP. Admin Menu is also called admin bar (menu at top in wpadmin)

• Hierarchical: Yes

Meta Fields:

- Can add extra info to an archive page
- · Will deal with this in a different video
- Click "Add Taxonomy" to save
- Refresh -> Now Property Types should be a submenu in wpadmin under "Properties"

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(Name Slug)

Flats flats

Property Types:

- · Apartments apartments
- Houses houses
 - Parent Category" dropdown only shows up because we set the taxonomy as hierarchical
- Now if we add a new property, we will see the "Property Types" selector metabox on the right

CREATING SOME DUMMY POSTS

- Ground Apartment, 2 para, price 350k, London, add 4 pix in gallery
- · Beach Front Studio, Bristol
- · Modern House, Cardiff
- Now look at Properties list page and all our relevant info should be in the columns

#GOTCHA: HAD TO GIT REBASE TO CHANGE SOME OLDER COMMIT MESSAGES FROM README.MD TO NOTES.MD

09. CREATING TEMPLATE FILES

• Wpadmin > Templates > Theme Builder



#GOTCHA: He has already created templates: Default Footer and Default Header

CREATE ARCHIVE

- Name: Default Property Archive
- · Start from scratch
- You should now see an Elementor editor window with just a header and footer
- In the middle click the "+" plus sign to add a new section > 1 row 1 col
- Add 50px padding top/bottom



#TIP. Since we have selected to create an Archive template, special archiveonly widgets now are available in the Elementor editor

- Drag in Archive Posts widget
- Gear settings left bottom corner

Preview Settings

- Properties Archive > Apply and Preview
- Now we should see the 3 dummy property posts we made
- Click the Archive Posts widget
- Skin: Cards
- Image size: Medium Large
- Image Ratio: 0.7
- DISABLE: comments, dates, excerpt, read more, badge, avatar



#TIP. Disabling all those extras gives us a nice, CLEAN layout

• Publish > Conditions > Properties Archive > Save and Close

How to Reference our Post Types:

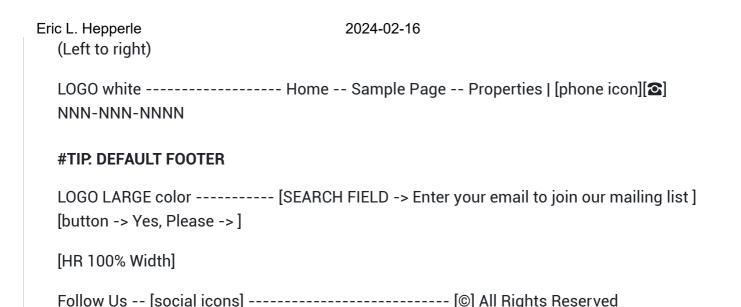
- JetEngine > Post Types > Post type Slug
- · Copy slug
- Appearance > Menus > Main Menu
- Custom Link:
 - URL: /properties/
 - Link Text: Properties



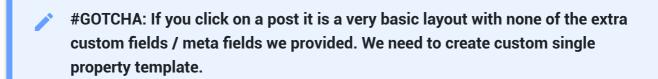
#TIP. By using the /[SOMETHING]/ construct for the URL, we make the link domain-agnostic $\textcircled{\cite{4}}$

• Set Main Menu as primary > Save Menu

#TIP. DEFAULT HEADER



- · Navigate to Home page
- · Click on Properties menu item
- Now you should see our 3 properties in a row -> This is the archive page 😃



10. CREATING SINGLE POST TEMPLATE

 Wpadmin > Templates > Single > Properties > Default Property Single > Create Template



#TIP. There are single-post-only widgets available in the Elementor editor now

- ADD SEC: 1 row, 1 col
- Add 50px top/bottom Padding
- Drag featured image widget into sec
- Create a 2 col sec [75 / 25]
- Add **post title** into left col
- Add post content into left col

Add Gallery:

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- Drag gallery widget (from Pro sec) below post content
- Click the [database] icon (aka: dynamic data) > JetEngine Gallery
- Click wrench icon
- Click Field > Gallery
- · We can now configure the gallery
- Columns: 3
- Image Size: Medium Large
- · Add heading widget above gallery: Property Gallery

ADD IN CUSTOM FIELD VALUES

Price

- Scroll to bottom to JetEngine's Listing Elements sec in Elementor widgets
- Drag dynamic field widget into right col
 - Source: Meta Data
 - · Meta Field: Property Price

#GOTCHA: The price is just an un-formatted number.

- Filter field output:
- Callback: Format Number
 - Decimal points: 0
- Customize field output:
- · Field format:

Price \$%s

Location

- · Clone price field
- Field format: Location: %s
- Publish > Add Condition:

• Properties > All > Save and Close

11. CUSTOM LISTINGS

- JetEngine has ability to create custom listings
- A listing is a the way a single post appears in a post list / post grid
- A post list / grid is called a loop
- JetEngine > Listings > Add New
- Listing Source: Posts
- From Post Type: Properties
- Listing Item Name: Property Listing
- Listing View: Elementor



#TIP. JetEngine works with both Elementor and Gutenberg

- · Create Listing Item
- Gear Settings lower left Listing Item Settings:
- Listing Source: Posts
- From Post type: Properties
- Preview Width: 380px
- In Elementor Widgets editor: Go to bottom in Listing Elements section:
- Drag in dynamic image widget
- Image Size: Medium large
- Linked Image: yes
- Link Source: Permalink
- Alignment: Center
- Add dynamic field widget: Title
- Add dynamic field Meta Data: Property Price

- Filter field output
- Callback: Format Number
- o Decimal points: 0
- Field format: Price \$%s
- Add dynamic field Meta Data: Location
 - Filter field output: DISABLE
 - o Field format: Location: \$%s
- Click the listing section
- Add box shadow
- · Add 20px padding
- Publish



#GOTCHA: Page refresh doesn't change the look!

- · Exit to Dashboard
- Templates
- Default Property Archive > Edit with Elementor
- Delete post archive widget
- Drag in JetEngine Listing Grid widget
- Listing: Property Listing

12. OUTRO

• Just stuff about like, subscribe, check out other videos, etc.

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