



DRUPALCON VIENNA

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DRUPALCON VIENNA

Mastering Drupal 8 Views

<http://bit.ly/D8Views>

Amanda Marshall • Gregg Marshall



Community Experience Distilled

Mastering Drupal 8 Views

Accelerate your development process using Drupal 8 views through this advanced, practical guide

Foreword by Jeffrey A. "Jam" McGuire - Evangelist, Developer Relations, Acquia

Gregg Marshall

PACKT open source
PUBLISHING

About Gregg

accenturedigital

- Digital Technology Developer Manager (Drupal Architect)
- drupal.org since 2006
- 1st DrupalCon 2010 San Francisco



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PACKT open source
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About Amanda

- BS Business, CU Denver
- Graduate certificate energy & sustainability, DU
- Drupaleasy Academy graduate
- drupal.org since 2008
- 1st DrupalCon 2017 Baltimore
- Intern on a UN humanitarian response Drupal site
- Drupal Developer at Brad Jones LLC
- Looking for full-time Drupal developer job



DRUPALEASY

Aided by Jackson







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What is Views?

- Views == Views module
(before D8 <http://drupal.org/project/views>)
- Creates dynamic lists
- A “report writer”
- View == a single list







Why Views?

- 5 Most recent blog posts block
 - Manual
 - Add blog post
 - Edit block with title and link
 - Automatic (aka Views)
 - Add blog post
 - Block updates






Views is in Drupal 8 Core

- Views was #1 Drupal 7 contributed module
- D7 required Views and CTools contributed modules
- Front page and many Drupal administration pages are now views



Drupal 8 Views Examples

Front Page


 Mastering Drupal 8 Views Log in

[Home](#)

Search

Præmitto

Submitted by Anonymous (not verified) on Sun, 04/10/2016 - 19:05




Abico esse eu gravis iustum jus torqueo velit. Erat gemino mauris melior mos refero vel vero. Ad defui gravis luctus luptatum natus refero roto typicus.

[Read more](#)

Feugiat Volutpat

Submitted by admin on Sat, 03/19/2016 - 12:50




Distineo duis gravis ille magna mauris ullamcorper. Ad occuro plaga. In probo vicis vulputate. Appellatio consectetur eros persto premo refero sit tego tun venio. Bene duis ibidem iriure natu populus ratis tamen valetudo. Ex lucidus paratus quidem ulciscor vicis.

[Read more](#)

Jus

Submitted by Anonymous (not verified) on Thu, 02/04/2016 - 22:58




Abico caecus eum fere magna molior. Damnum dolus quidem. Augue exputo pertineo quidne tation tincidunt valetudo. Abdo cui inhabeo metuo quidne saepius ulciscor utrum validus vicis.

[Read more](#) [Log in](#) or [register](#) to post comments


Dignissim

Submitted by Yet Another User on Tue, 01/12/2016 - 01:52



Huic metuo nulla tamen vereor. Consectetur et eu macto premo sino tation. Appellatio cogo distineo ea exerci ullamcorper. Accumsan aptent eum ille pala vereor. Aliquam importunus sed turpis vero. Abluo camur minim ulciscor vicis voce visi. Adipiscing magna nobis populus quadrum sagaciter sed tum ullamcorper virtus.

[Read more](#)



Drupal 8 Views Examples

Content List

Back to site | Manage | Shortcuts | Lynn | Subscription active (expires 2016/11/16)

Content | Structure | Appearance | Extend | Configuration | People | Reports | Help

Content

Content | Comments | Feeds | Files | To Be Published

Home » Administration

[+ Add content](#)

Published status: - Any - | Type: - Any - | Title: | Language: - Any -

[Filter](#)

With selection: Delete content

[Apply](#)

<input type="checkbox"/>	TITLE	CONTENT TYPE	AUTHOR	STATUS	UPDATED	OPERATIONS
<input type="checkbox"/>	2006 NE Newport Ct	Property	siteadmin	Published	02/14/2016 - 16:06	Edit
<input type="checkbox"/>	1100 NW Heatherwood Dr	Property	siteadmin	Published	02/14/2016 - 13:29	Edit
<input type="checkbox"/>	How Far Away is Denver?	FAQ	Lynn	Published	02/06/2016 - 15:17	Edit
<input type="checkbox"/>	What is the population of Blue Springs?	FAQ	Lynn	Published	02/06/2016 - 14:31	Edit
<input type="checkbox"/>	404 NW Nottingham Ln	Property	siteadmin	Published	01/24/2016 - 09:20	Edit
<input type="checkbox"/>	900 NE Linz Ave	Property	siteadmin	Published	01/24/2016 - 09:20	Edit

Drupal 8 Views Examples

Files View

Back to site Manage Shortcuts Lynn Subscription active (expires 2016/11/16) Edit

Content Structure Appearance Extend Configuration People Reports Help

Files

Content Comments Feeds Files To Be Published

Home » Administration » Content

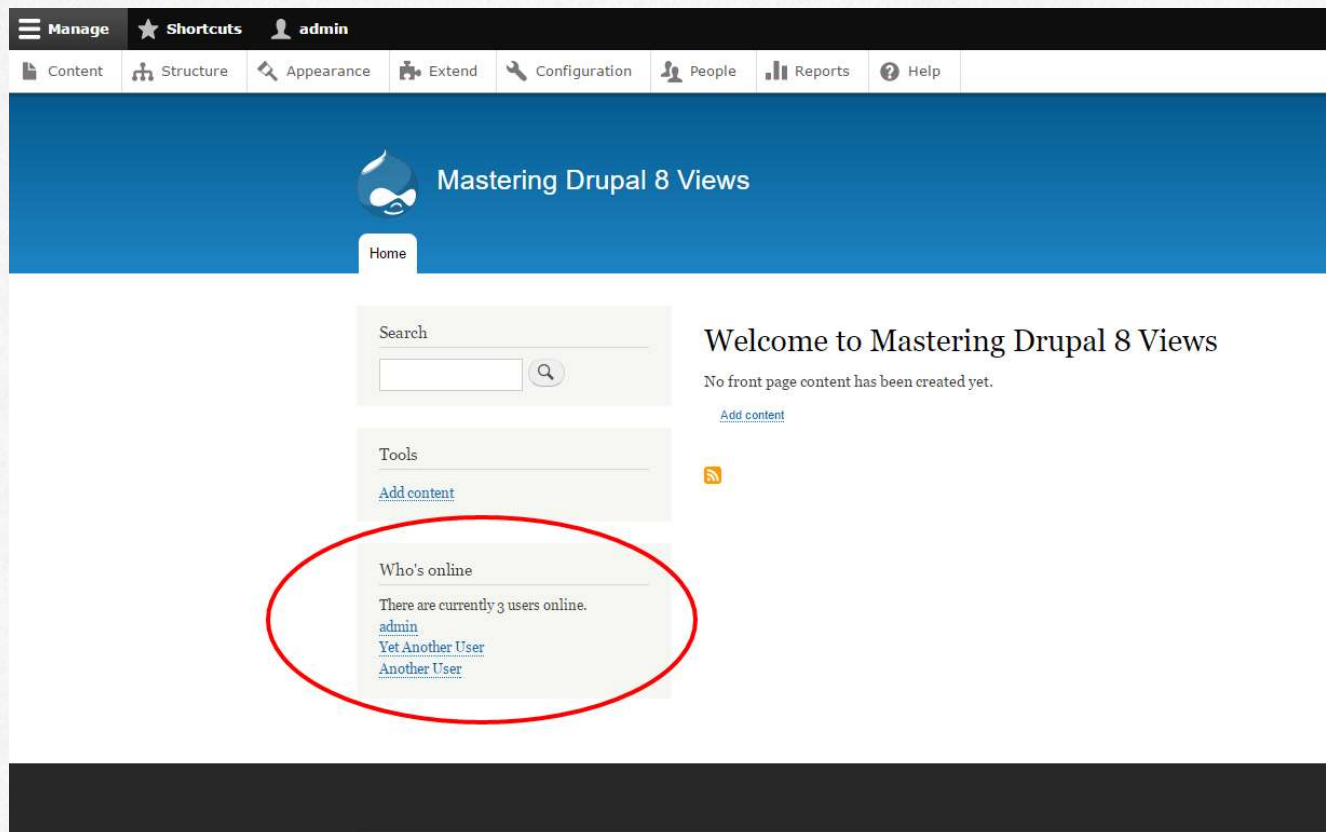
Filename Mime type Status
- Any -

Filter

NAME	MIME TYPE	SIZE	STATUS	UPLOAD DATE	CHANGED DATE	USED IN
Contact Page Policy nys-s05-002.pdf	application/pdf	186.45 KB	Permanent	Sun, 02/14/2016 - 16:06	Sun, 02/14/2016 - 16:06	1 place
BKD-7369390710.pdf	application/pdf	88.14 KB	Permanent	Sun, 02/14/2016 - 13:29	Sun, 02/14/2016 - 13:29	1 place
Blue Springs Colorado-Chicago Map-cropped.png	image/png	216.24 KB	Permanent	Sat, 02/06/2016 - 15:17	Sat, 02/06/2016 - 15:17	1 place
So-How-Many-People-Am-I-Going-to-Reach.jpg	image/jpeg	266.95 KB	Permanent	Sat, 02/06/2016 - 14:31	Sat, 02/06/2016 - 14:31	1 place
Summer_2006_0882.jpg	image/jpeg	1.31 MB	Permanent	Sun, 11/29/2015 - 10:07	Sun, 11/29/2015 - 10:07	2 places
Ranch_style_home_in_Salinas,_California.JPG	image/jpeg	586.2 KB	Permanent	Sun, 11/29/2015 - 10:01	Sun, 11/29/2015 - 10:01	2 places
Gingerbread_House_Essex_CT.jpg	image/jpeg	138.27 KB	Permanent	Sun, 11/29/2015 - 09:58	Sun, 11/29/2015 - 09:58	3 places
real-estate-325285_1920.jpg	image/jpeg	784.22 KB	Permanent	Sun, 11/29/2015 - 09:55	Sun, 11/29/2015 - 09:56	3 places
Bernard_Ginsburg_House_Detroit.jpg	image/jpeg	297.37 KB	Permanent	Sun, 11/29/2015 - 09:51	Sun, 11/29/2015 - 09:52	5 places
A_S_Bradford_House.JPG	image/jpeg	6.22 MB	Permanent	Sun, 11/29/2015 - 09:18	Sun, 11/29/2015 - 09:18	4 places
No Photo Available.png	image/png	134.92 KB	Permanent	Sun, 11/29/2015 - 09:15	Sun, 11/29/2015 - 09:15	1 place
Front_of_Cadman's_Cottage.jpg	image/jpeg	11.06 MB	Permanent	Sun, 11/29/2015 - 09:08	Sun, 11/29/2015 - 09:15	4 places
Ellen_H_Swallow_Richards_House_Boston_MA_01.jpg	image/jpeg	1.59 MB	Permanent	Sun, 11/29/2015 - 08:54	Sun, 11/29/2015 - 08:55	6 places

Drupal 8 Views Examples

Who's Online



The screenshot shows the Drupal 8 admin interface for a site titled 'Mastering Drupal 8 Views'. The user is logged in as 'admin'. The navigation menu includes 'Content', 'Structure', 'Appearance', 'Extend', 'Configuration', 'People', 'Reports', and 'Help'. The main content area features a search bar, a 'Tools' section with an 'Add content' link, and a 'Who's online' section. The 'Who's online' section is circled in red and displays the following information:

Who's online

There are currently 3 users online.

- [admin](#)
- [Yet Another User](#)
- [Another User](#)



Drupal 8 Views Examples

People List

Back to site | Manage | Shortcuts | Lynn | Subscription active (expires 2016/11/16)

Content | Structure | Appearance | Extend | Configuration | **People** | Reports | Help

People ☆

List | Permissions | Roles

Home » Administration

[+ Add user](#)

Name or email contains: Role: Permission: Status:

[Filter](#)

With selection:

[Apply](#)

<input type="checkbox"/>	USERNAME	STATUS	ROLES	MEMBER FOR	LAST ACCESS	OPERATIONS
<input type="checkbox"/>	Amanda	Active	• Office Administrator	6 months	never	Edit
<input type="checkbox"/>	Sam	Active	• Real Estate Salesperson	7 months	5 months 3 weeks ago	Edit
<input type="checkbox"/>	Lynn	Active	• Administrator	7 months	2 minutes 6 seconds ago	Edit
<input type="checkbox"/>	siteadmin	Active	• Administrator	7 months	5 months 1 week ago	Edit

[Apply](#)



Components of a View



- **Base / View Type**
- **Display**
- **Format**
- **Display type**
- **Filter**
- **Sort**



A Quick Overview

View Edit Screen



Displays

Block [+ Add](#)

Edit view name/description [▼](#)

Display name: Block [Duplicate Block ▼](#)

TITLE

Title: [Open Houses for One Property](#)

FORMAT

Format: [Unformatted list](#) | [Settings](#)

Show: [Fields](#) | [Settings](#)

FIELDS

[Add ▼](#)

Content: [Title](#)

Content: [Open House Start](#)

Content: [Open House Start](#)

Content: [Open House End](#)

FILTER CRITERIA

[Add ▼](#)

Content: [Publishing status \(= Yes\)](#)

Content: [Type \(= Open House\)](#)

SORT CRITERIA

[Add ▼](#)

Content: [Open House Start \(asc\)](#)

BLOCK SETTINGS

Block name: [None](#)

Block category: [Lists \(Views\)](#)

Allow settings: [Items per page](#)

Access: [Permission](#) | [View published content](#)

HEADER

[Add ▼](#)

[Global: Text area \(Global: Text area\)](#)

FOOTER

[Add](#)

NO RESULTS BEHAVIOR

[Add](#)

PAGER

Use pager: [Display a specified number of items](#) | [5 items](#)

More link: [No](#)

Link display: [None](#)

▼ ADVANCED

CONTEXTUAL FILTERS

[Add ▼](#)

Content: [Open House Property Reference](#)

RELATIONSHIPS

[Add ▼](#)

[field_open_house_property_refere](#): [Content](#)

EXPOSED FORM

Exposed form style: [Basic](#) | [Settings](#)

OTHER

Machine Name: [block_1](#)

Administrative comment: [None](#)

Use AJAX: [No](#)

Hide attachments in summary: [No](#)

Contextual links: [Shown](#)

Use aggregation: [No](#)

Query settings: [Settings](#)

Caching: [Tag based](#)

CSS class: [None](#)

Hide block if the view output is empty: [No](#)

[Save](#)

[Cancel](#)

Quick Overview View Edit Screen Left Column

Displays

Block [+ Add](#)

Display name: Block

TITLE

Title: Open Houses for One Property

FORMAT

Format: Unformatted list | [Settings](#)

Show: [Fields](#) | [Settings](#)

FIELDS

[Add](#) ▼

Content: Title

Content: Open House Start

Content: Open House Start

Content: Open House End

FILTER CRITERIA

[Add](#) ▼

Content: Publishing status (= Yes)

Content: Type (= Open House)

SORT CRITERIA

[Add](#) ▼

Content: Open House Start (asc)

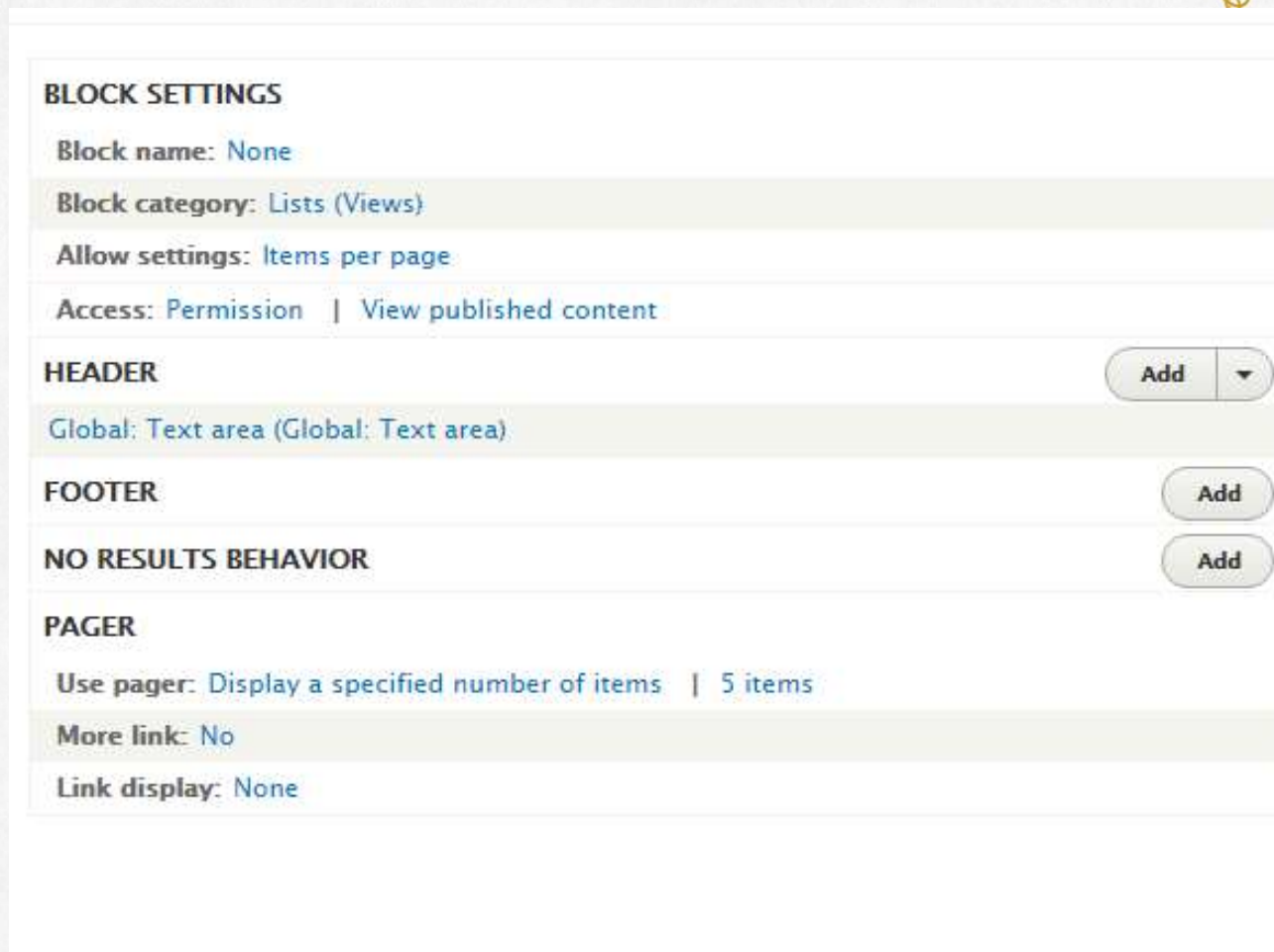
[Save](#)

[Cancel](#)

Quick Overview

View Edit Screen

Center Column



The screenshot shows the configuration interface for a Drupal block. It is organized into several sections, each with a title and a set of configuration options. The 'BLOCK SETTINGS' section includes fields for 'Block name', 'Block category', 'Allow settings', and 'Access'. The 'HEADER' section has a text area and an 'Add' button. The 'FOOTER' section has an 'Add' button. The 'NO RESULTS BEHAVIOR' section has an 'Add' button. The 'PAGER' section includes 'Use pager', 'More link', and 'Link display' options.

BLOCK SETTINGS

Block name: [None](#)

Block category: [Lists \(Views\)](#)

Allow settings: [Items per page](#)

Access: [Permission](#) | [View published content](#)

HEADER Add ▾

Global: [Text area \(Global: Text area\)](#)

FOOTER Add

NO RESULTS BEHAVIOR Add

PAGER

Use pager: [Display a specified number of items](#) | [5 items](#)

More link: [No](#)

Link display: [None](#)

Quick Overview View Edit Screen Right Column

Duplicate Block

Duplicate Block

▼ ADVANCED

CONTEXTUAL FILTERS

Add

Content: [Open House Property Reference](#)

RELATIONSHIPS

Add

field_open_house_property_refere: [Content](#)

EXPOSED FORM

Exposed form style: [Basic](#) | [Settings](#)

OTHER

Machine Name: [block_1](#)

Administrative comment: [None](#)

Use AJAX: [No](#)

Hide attachments in summary: [No](#)

Contextual links: [Shown](#)

Use aggregation: [No](#)

Query settings: [Settings](#)

Caching: [Tag based](#)

CSS class: [None](#)

Hide block if the view output is empty: [No](#)

Editing an Existing View Content List

Back to site | Manage | Shortcuts | Lynn | Subscription active (expires 2016/11/16)

Content | Structure | Appearance | Extend | Configuration | People | Reports | Help

Content

Content | Comments | Feeds | Files | To Be Published

Home » Administration

+ Add content

Published status: - Any - | Type: - Any - | Title: | Language: - Any -

Filter

With selection: Delete content

Apply

<input type="checkbox"/>	TITLE	CONTENT TYPE	AUTHOR	STATUS	UPDATED	OPERATIONS
<input type="checkbox"/>	2006 NE Newport Ct	Property	siteadmin	Published	02/14/2016 - 16:06	Edit
<input type="checkbox"/>	1100 NW Heatherwood Dr	Property	siteadmin	Published	02/14/2016 - 13:29	Edit
<input type="checkbox"/>	How Far Away is Denver?	FAQ	Lynn	Published	02/06/2016 - 15:17	Edit
<input type="checkbox"/>	What is the population of Blue Springs?	FAQ	Lynn	Published	02/06/2016 - 14:31	Edit
<input type="checkbox"/>	404 NW Nottingham Ln	Property	siteadmin	Published	01/24/2016 - 09:20	Edit
<input type="checkbox"/>	900 NE Linz Ave	Property	siteadmin	Published	01/24/2016 - 09:20	Edit

Editing an Existing View Desired Result

Property Maintenance

[Content](#) [Comments](#) [Feeds](#) [Files](#) [To Be Published](#)

[Home](#) » [Administration](#)

[+ Add content](#)

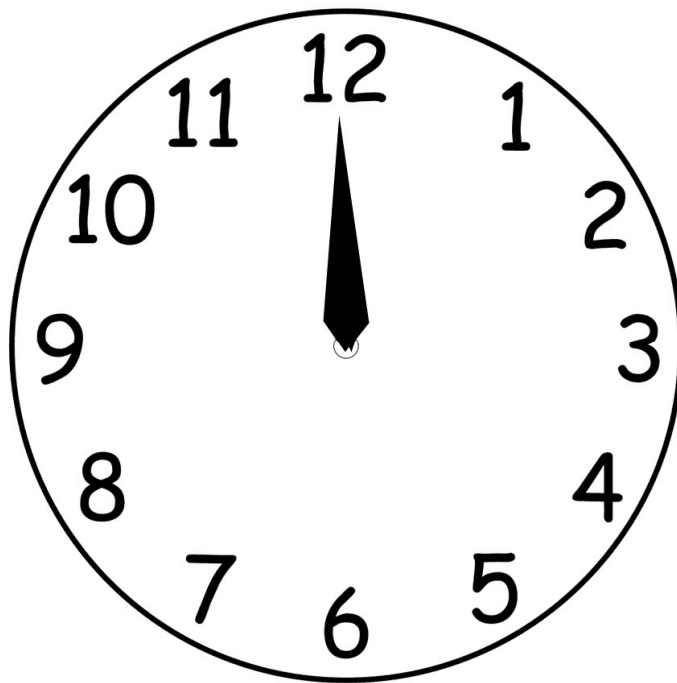
Published status **Address**

- Any -

[Filter](#)

ADDRESS	STATUS	UPDATED	OPERATIONS
2006 NE Newport Ct	Published	02/14/2016 - 16:06	Edit
1100 NW Heatherwood Dr	Published	02/14/2016 - 13:29	Edit
404 NW Nottingham Ln	Published	01/24/2016 - 09:20	Edit
900 NE Linz Ave	Published	01/24/2016 - 09:20	Edit
1309 SW Sunrise Dr	Published	01/24/2016 - 09:19	Edit
21104 E 50th Street Ct S	Unpublished	01/24/2016 - 09:19	Edit
1808 SE Kerwood Dr	Published	01/24/2016 - 09:18	Edit

Later that day



Editing an Existing View

Views Listing Page

Back to site Manage Shortcuts Lynn

Content Structure Appearance Extend Configuration People Reports Help

Views ☆

List Settings

Home » Administration » Structure

+ Add new view

Filter by view name or description

Enabled

VIEW NAME	DESCRIPTION	TAG	PATH	OPERATIONS
Content Displays: <i>Page</i> Machine name: content	Find and manage content.	default	/admin/content	Edit Duplicate Disable Delete
Custom block library Displays: <i>Page</i> Machine name: block_content	Find and manage custom blocks.	default	/admin/structure/block/block-content	
Files Displays: <i>Page, Page</i> Machine name: files	Find and manage files.	default	/admin/content/files , /admin/content/files/usage /%	Edit

Edit Screen

Content (Content) ☆

Home » Administration » Structure » Views

Displays

Page [+ Add](#)

Display name: Page

TITLE

Title: Content

FORMAT

Format: Table | Settings

FIELDS [Add](#)

- Content: Node operations bulk form
- Content: Title (Title)
- Content: Type (Content Type)
- (author) User: Name (Author)
- Content: Publishing status (Status)
- Content: Changed (Updated)
- Content: Operations links (Operations)

FILTER CRITERIA [Add](#)

- Content: Published status or admin user
- Content: Publishing status (grouped)
- Content: Type (exposed)
- Content: Title (exposed)
- Content: Translation language (exposed)

SORT CRITERIA [Add](#)

[Save](#) [Cancel](#)

Page: The title of this view

For: All displays

Title: Content

This title will be displayed with the view, wherever titles are normally displayed; i.e. as the page title, block title, etc.

[Apply \(all displays\)](#) [Cancel](#)

ADMINISTRATIVE TITLE

[Apply](#) [Cancel](#) [Remove](#)

Configure filter criterion: Content: Type

For: All displays

The node type.

Expose this filter to visitors, to allow them to change it

Operator

- Is one of
- Is not one of
- Is empty (NULL)
- Is not empty (NOT NULL)

Content types

- Select all
- Article
- Basic page
- FAQ
- Open House
- Property
- Property Owner
- Realtor

ADMINISTRATIVE TITLE

[Apply \(all displays\)](#) [Cancel](#) [Remove](#)

Editing an Existing View

Edit Screen

Content (Content) ☆

Home » Administration » Structure » Views

Displays

Page [+ Add](#)

Display name: Page

TITLE

Title: Content ←

FORMAT

Format: Table | Settings

FIELDS [Add](#) ▾

- Content: Node operations bulk form ←
- Content: Title (Title)
- Content: Type (Content Type) ←
- (author) User: Name (Author) ←
- Content: Publishing status (Status) ←
- Content: Changed (Updated)
- Content: Operations links (Operations)

FILTER CRITERIA [Add](#) ▾

- Content: Published status or admin user
- Content: Publishing status (grouped)
- Content: Type (exposed) ←
- Content: Title (exposed)
- Content: Translation language (exposed) ←

SORT CRITERIA [Add](#)

[Save](#) [Cancel](#)

Property Maintenance (Content) ☆

Home » Administration » Structure » Views

⚠ You have unsaved changes.

Displays

Page* [+ Add](#)

Display name: Page

TITLE

Title: Property Maintenance

FORMAT

Format: Table | Settings

FIELDS [Add](#) ▾

- Content: Title (Title)
- Content: Publishing status (Status)
- Content: Changed (Last Updated)
- Content: Operations links (Operations)

FILTER CRITERIA [Add](#) ▾

- Content: Published status or admin user
- Content: Publishing status (grouped)
- Content: Type (= Property)
- Content: Title (exposed)

SORT CRITERIA [Add](#)

[Save](#) [Cancel](#)



Why Views – Structured Content



- Drupal 7 added Fields
before D7, CCK module added Fields
- Relationships
D7 Entity Reference module
(Node Reference module)
- Text, Number, Boolean, File, Image, Reference
- Contributed – e.g. Geolocation



Example Data Structure Real Estate Agency website

Property

Label	Machine name	Field type
Property Address 2	field_property_address_2	Text (plain)
Property Asking Price	field_property_asking_price	Number (decimal)
Property City	field_property_city	Text (plain)
Property County	field_property_county	Entity reference (County)
Property Description	body	Text (formatted, long, with summary)
Property Featured	field_property_featured	Boolean
Property Featured Image	field_property_featured_image	Image
Property Geolocation	field_property_geolocation	Geolocation
Property Image Gallery	field_property_image_gallery	Image
Property Listed Date	field_property_listed_date	Date
Property Neighborhood	field_property_neighborhood	Entity reference (Neighborhood)
Property Number Bathrooms	field_property_number_bathrooms	List (text)
Property Number Bedrooms	field_property_number_bedrooms	Number (integer)
Property Owners	field_property_owners	Entity reference (Property Owner)
Property PDF Listing	field_property_pdf_listing	File
Property Realtors	field_property_realtors	Entity reference (Realtor)
Property Square Footage	field_property_square_footage	Number (integer)
Property State	field_property_state	Text (plain)
Property Status	field_property_status	List (text)
Property Zip	field_property_zip	Text (plain)

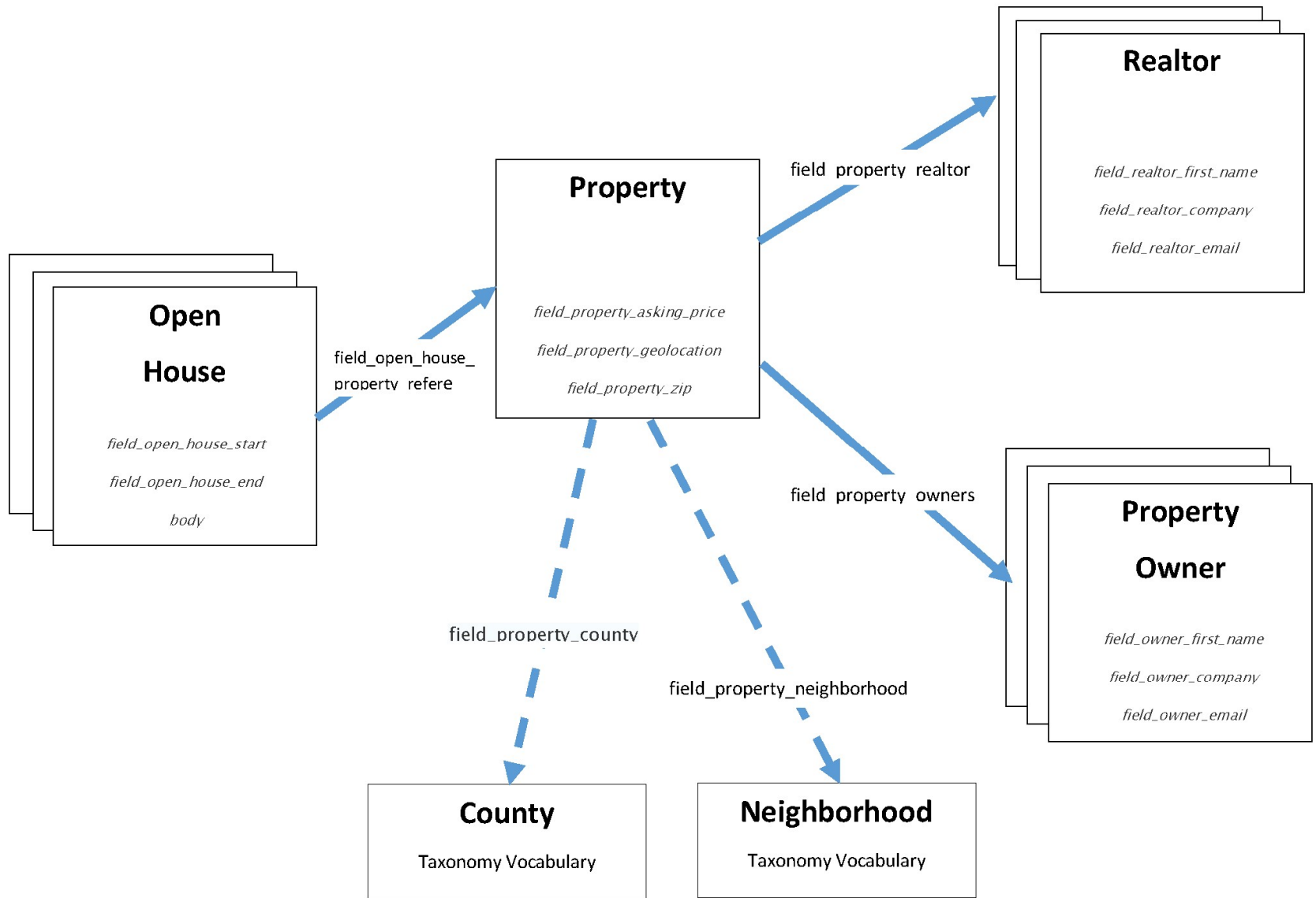
Owner (Realtor)

Label	Machine name	Field type
Owner Address 1	field_owner_address_1	Text (plain)
Owner Address 2	field_owner_address_2	Text (plain)
Owner City	field_owner_city	Text (plain)
Owner Company	field_owner_company	Text (plain)
Owner Email	field_owner_email	Email
Owner First Name	field_owner_first_name	Text (plain)
Owner Last Name	field_owner_last_name	Text (plain)
Owner Phone	field_owner_phone	Telephone number
Owner State	field_owner_state	Text (plain)
Owner Zip	field_owner_zip	Text (plain)

Open House

Label	Machine name	Field type
Notes	body	Text (formatted, long, with summary)
Open House End	field_open_house_end	Date
Open House Property Reference	field_open_house_property_refere	Entity reference (Property)
Open House Start	field_open_house_start	Date

Real Estate Relationships





Creating a New View

- Wizard page
- Expanding form!
- Not all displays can be created via wizard



Creating a New View

Add new view

[Home](#) » [Administration](#) » [Structure](#) » [Views](#)

VIEW BASIC INFORMATION

View name *

Description

VIEW SETTINGS

Show: of type: tagged with: sorted by:

PAGE SETTINGS

Create a page

BLOCK SETTINGS

Create a block

REST EXPORT SETTINGS

Provide a REST export

Creating a New View



Add new view ☆

[Home](#) » [Administration](#) » [Structure](#) » [Views](#)

VIEW BASIC INFORMATION

View name *

Available Property Listing Machine name: available_property_listing [\[Edit\]](#)

Description

List the properties that are available for sale

VIEW SETTINGS

Show: of type: sorted by:

PAGE SETTINGS

Create a page

Page title

Available Property Listing

Path

available-property-listing

PAGE DISPLAY SETTINGS

Display format:

of fields

Items to display

10

Use a pager

Create a menu link

Menu

Main navigation

Link text

What's For Sale

Include an RSS feed

Feed path

available-property-listing.xml

Feed row style

Content

BLOCK SETTINGS

Create a block

REST EXPORT SETTINGS

Provide a REST export

[Save and edit](#)

[Cancel](#)



Creating a New View

PAGE SETTINGS

Create a page

Page title

Available Property Listing

Path

available-property-listing

PAGE DISPLAY SETTINGS

Display format:

Table of fields

Items to display

10

Use a pager

Create a menu link

Menu

Main navigation

Link text

What's For Sale

Include an RSS feed

Feed path

available-property-listing.xml

Feed row style

Content



Base / View Type

- Content
- Content Revisions
- Comments
- Log Entries
- Files
- Taxonomy Terms
- Users
- Custom Blocks
- Custom Block Revisions
- (types added by contributed or custom modules)







Displays

- Page
- Block
- Master
- Attachment
- Embed
- Entity Reference
- Feed
- REST Export







Format Options

- Grid
- HTML List
- Unformatted List
- Table
- Contributed Modules
 - Accordion
 - Slide Show
 - Map



Format Options Have Settings

Page: Style options ✕

Place fields into columns; you may combine multiple fields into the same column. If you do, the separator in the column specified will be used to separate the fields. Check the sortable box to make that column click sortable, and check the default sort radio to determine which column will be sorted by default, if any. You may control column order and field labels in the fields section.

FIELD	COLUMN	ALIGN	SEPARATOR	SORTABLE	DEFAULT ORDER	DEFAULT SORT	HIDE EMPTY COLUMN	RESPONSIVE
Title	<input type="text" value="Title"/>	<input type="text" value="None"/>	<input type="text"/>	<input checked="" type="checkbox"/>	<input type="text" value="Ascending"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="text" value="High"/>
Asking Price	<input type="text" value="Asking Price"/>	<input type="text" value="Right"/>	<input type="text"/>	<input checked="" type="checkbox"/>	<input type="text" value="Ascending"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="text" value="High"/>
# Bedrooms	<input type="text" value="# Bedrooms"/>	<input type="text" value="None"/>	<input type="text"/>	<input checked="" type="checkbox"/>	<input type="text" value="Ascending"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="text" value="High"/>
Square Feet	<input type="text" value="Square Feet"/>	<input type="text" value="Right"/>	<input type="text"/>	<input checked="" type="checkbox"/>	<input type="text" value="Ascending"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="text" value="High"/>
Neighborhood	<input type="text" value="Neighborhood"/>	<input type="text" value="None"/>	<input type="text"/>	<input checked="" type="checkbox"/>	<input type="text" value="Ascending"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="text" value="High"/>
None						<input checked="" type="radio"/>		

Grouping field Nr.1

You may optionally specify a field by which to group the records. Leave blank to not group.

Row class

The class to provide on each row. You may use field tokens from as per the "Replacement patterns" used in "Rewrite the output of this field" for all fields.

- Add views row classes
Add the default row classes like views-row-1 to the output. You can use this to quickly reduce the amount of markup the view provides by default, at the cost of making it more difficult to apply CSS.
- Override normal sorting if click sorting is used
- Enable Drupal style "sticky" table headers (Javascript)



Fields

FORMAT

Format: [Table](#) | [Settings](#)

FIELDS

Add



Content: [Title \(Title\)](#)

Content: [Property Asking Price \(Asking Price\)](#)

Content: [Property Number Bedrooms \(# Bedrooms\)](#)

Content: [Property Square Footage \(Square Feet\)](#)

Content: [Property Neighborhood \(Neighborhood\)](#)

FILTER CRITERIA

Add



Field Settings

Configure field: Watchdog: Timestamp

For

All displays ▼

Date when the event occurred.

Create a label

Exclude from display

Enable to load this field as hidden. Often used to group fields, or to use as token in another field.

Date format

Fallback date format format: Sat, 12/12/2015 - 16:38 ▼

Timezone

- Default site/user timezone - ▼

Timezone to be used for date output.

▶ STYLE SETTINGS

▶ REWRITE RESULTS

▶ NO RESULTS BEHAVIOR

▶ ADMINISTRATIVE TITLE

Apply (all displays)

Cancel

[Remove](#)

Field Rewrites

Configure field: Content: Title

Relationship: Content type: Relationship

Field: [input type="text"]

Field is shown when the value: [input type="checkbox"]

Exclude from display: [input type="checkbox"]

Format: [input type="text"]

FIELD REWRITE SETTINGS

Override the output of the field with custom text:

Text: [input type="text"]

FIELD REWRITE SETTINGS

Override the output of the field with custom text:

Text: [input type="text"]

FIELD REWRITE SETTINGS

Output this field as a custom link:

Link path: [input type="text"]

FIELD REWRITE SETTINGS

Output this field as a custom link:

Link path: [input type="text"]

FIELD REWRITE SETTINGS

Use absolute path: [input type="checkbox"]

Replace spaces with dashes: [input type="checkbox"]

External server URL: [input type="checkbox"]

REPLACEMENT PATTERNS

You must add some additional fields to this display before using this field. These fields may be marked as *Exclude from display* if you prefer. Note that they come after this field; if you need a field not listed here, rearrange your fields.

The following replacement tokens are available for this field. Note that due to rendering order, you cannot use fields that come after this field; if you need a field not listed here, rearrange your fields.

- [[title]] ==
- [[field_property_asking_price]] ==
- [[field_property_number_bedrooms]] ==
- [[field_property_square_footage]] ==
- [[field_property_neighborhood]] == Property Neighborhood
- [[field_property_neighborhood_target_id]] == Raw target_id
- [[arguments.field_property_neighborhood_target_id]] == Content: Property Neighborhood (field_property_neighborhood) title
- [[raw_arguments.field_property_neighborhood_target_id]] == Content: Property Neighborhood (field_property_neighborhood) input

REWRITE RESULTS

Override the output of this field with custom text

Text

[input type="text"]

The text to display for this field. You may include HTML or Twig. You may enter data from this view as per the "Replacement patterns" below.

Output this field as a custom link

Link path

[input type="text"]

The Drupal path or absolute URL for this link. You may enter data from this view as per the "Replacement patterns" below.

Use absolute path

Replace spaces with dashes

External server URL

REPLACEMENT PATTERNS

You must add some additional fields to this display before using this field. These fields may be marked as *Exclude from display* if you prefer. Note that they come after this field; if you need a field not listed here, rearrange your fields.

The following replacement tokens are available for this field. Note that due to rendering order, you cannot use fields that come after this field; if you need a field not listed here, rearrange your fields.

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- [[field_property_square_footage]] ==
- [[field_property_neighborhood]] == Property Neighborhood
- [[field_property_neighborhood_target_id]] == Raw target_id
- [[arguments.field_property_neighborhood_target_id]] == Content: Property Neighborhood (field_property_neighborhood) title
- [[raw_arguments.field_property_neighborhood_target_id]] == Content: Property Neighborhood (field_property_neighborhood) input



Field Rewrites Power Tip



```
{% for letter in  
'a' |upper.. 'm' |upper %}  
    * {{ letter }}  
{% endfor %}
```



```
* A * B * C * D * E * F * G * H * I * J * K * L * M
```



Filter Criteria

Configure filter criterion: Content: Property Square Footage (field_property_square_footage)

For

This page (override) ▼

Appears in: property.

Expose this filter to visitors, to allow them to change it

Filter type to expose

Single filter

Grouped filters

Grouped filters allow a choice between predefined operator/value pairs.

Required

Label

Property Square Footage (field_property_square_fo)

Description

Operator

Is between ▼

Expose operator

Allow the user to choose the operator.

Min

And max

Remember the last selection

Enable to remember the last selection made by the user.

Filter identifier

field_property_square_footage_value

This will appear in the URL after the ? to identify this filter. Cannot be blank.

Exposed Filters

Available Property Listing

Square Footage **And** **Asking Price** **And**

Bedrooms **And** **Neighborhood**

- Buckner Tarsney and Major Road
- City Center
- Route 40
- Route 7 and Pink Hill Road
- U.S. Route 40 and 10th Street

Apply

Title	Asking Price	# Bedrooms	Square Feet	Neighborhood
1808 SE Kenwood Dr	\$146,000.00	4	1,871 sq ft	

Title	Asking Price	# Bedrooms	Square Feet	Neighborhood
1100 NW Heatherwood Dr	\$197,000.00	3	2,052 sq ft	City Center
2006 NE Newport Ct	\$191,000.00	3	2,938 sq ft	City Center
2705 NE Spades Valley Dr	\$57,000.00	1	1,117 sq ft	City Center

Contextual Filters

Filters configured via URL

<http://....com/available-property-listing-neighborhood/City%20Center>



Blue Drop Realty

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[Tiny Houses](#)

[Home](#) » [Available Property Listing](#)

Search



Tools

[Recent content](#)

Available Property Listings for City Center

Square Footage And Asking Price

And # Bedrooms And

Apply

Neighborhood: [City Center](#)

Address	Asking Price	# Bedrooms	Square Feet	Neighborhood
1100 NW Heatherwood Dr	\$197,000.00	3	2,052 sq ft	City Center
2006 NE Newport Ct	\$191,000.00	3	2,938 sq ft	City Center
2705 NE Spring Valley Dr	\$57,000.00	1	1,117 sq ft	City Center

Contextual Filters

Filters configured via URL

Available Property Listing (Content) ☆

Home » Administration » Structure » Views » Available property listing » Edit

⚠ You have unsaved changes.

Displays

Page Feed Tiny Houses Selectable Page Neighborhood Page* + Add

Edit view name/description ▾

Display name: Neighborhood Page

View Neighborhood Page ▾

TITLE

Title: Available Property Listing

FORMAT

Format: Table | Settings

FIELDS

Content: Title (Title)
Content: Property Asking Price (Asking Price)
Content: Property Number Bedrooms (# Bedrooms)
Content: Property Square Footage (Square Feet)
Content: Property Neighborhood (Neighborhood)

FILTER CRITERIA

Content: Publishing status (= Yes)
Content: Type (= Property)
Content: Property Square Footage (exposed)
Content: Property Asking Price (exposed)

PAGE SETTINGS

Path: /available-property-list...
Menu: No menu
Access: Permission | View published content

HEADER

FOOTER

NO RESULTS BEHAVIOR

PAGER

Use pager: Full | Paged, 5 items
More link: No

ADVANCED

CONTEXTUAL FILTERS

Content: Property Neighborhood

RELATIONSHIPS

EXPOSED FORM

Exposed form in block: No
Exposed form style: Basic | Settings

OTHER

Machine Name: page_4
Administrative comment: None
Use AJAX: No
Hide attachments in summary: No
Contextual links: Shown
Use aggregation: No
Query settings: Settings

Contextual Filters

Filters configured via URL

Configure contextual filter: Content: Property Neighborhood (field_property_neighborhood)

For

All displays ▼

Appears in: property.

The contextual filter values are provided by the URL.

▼ WHEN THE FILTER VALUE IS *NOT* IN THE URL

Default actions

- Display all results for the specified field
- Provide default value
- Show "Page not found"
- Display a summary
- Display contents of "No results found"
- Display "Access Denied"

▶ EXCEPTIONS

Skip default argument for view URL

Select whether to include this default argument when constructing the URL for this view. Skipping default arguments is useful e.g. in the case of feeds.

▼ WHEN THE FILTER VALUE *IS* IN THE URL OR A DEFAULT IS PROVIDED

- Override title
- Specify validation criteria

Sort Criteria

Content Structure Appearance Extend Configuration People Reports Help

Available Property Listing (Content) ☆

Home » Administration » Structure » Views

⚠ You have unsaved changes.

Displays

Page* Feed + Add

Edit view name/description

Display name: Page

View Page

TITLE

Title: Available Property Listing

FORMAT

Format: Table | Settings

FIELDS

Content: Title (Title)

Content: Property Asking Price (Asking Price)

Content: Property Number Bedrooms (# Bedrooms)

Content: Property Square Footage (Square Feet)

Content: Property Neighborhood (Neighborhood)

FILTER CRITERIA

Content: Publishing status (Publishing status)

Content: Type (= Property)

SORT CRITERIA

Content: Property Neighborhood (asc)

Content: Title (asc)

PAGE SETTINGS

Path: /available-property-list...

Menu: Normal: What's For ...

Access: Permission | View published content

HEADER

FOOTER

NO RESULTS BEHAVIOR

PAGER

Use pager: Full | Paged, 5 items

More link: No

▼ ADVANCED

CONTEXTUAL FILTERS

RELATIONSHIPS

EXPOSED FORM

Exposed form in block: No

Exposed form style: Basic | Settings

OTHER

Machine Name: page_1

Administrative comment: None

Use AJAX: No

Hide attachments in summary: No

Contextual links: Shown

Use aggregation: No

Query settings: Settings

Caching: Tag based

CSS class: None

Save

Cancel

Sort Criteria

Configure sort criterion: Content: Authored on

For

All displays ▼

The time that the node was created.

Expose this sort to visitors, to allow them to change it.

Order

- Sort ascending
- Sort descending

Granularity

- Second
- Minute
- Hour
- Day
- Month
- Year

The granularity is the smallest unit to use when determining whether two dates are the same; for example, if the granularity is "Year" then all dates in 1999, regardless of when they fall in 1999, will be considered the same d

► ADMINISTRATIVE TITLE

Apply (all displays)

Cancel

[Remove](#)

Relationships

Available Property Listing (Content) ☆

Home » Administration » Structure » Views » Available property listing » Edit

⚠ You have unsaved changes.

Displays

Page Feed Tiny Houses Selectable Page Neighborhood Page* + Add

Edit view name/description

Display name: Neighborhood Page

View Neighborhood Page

TITLE

Title: Available Property Listing

FORMAT

Format: Table | Settings

FIELDS

Content: Title (Title) Add

Content: Property Asking Price (Asking Price)

Content: Property Number Bedrooms (# Bedrooms)

Content: Property Square Footage (Square Feet)

Content: Property Neighborhood (Neighborhood) Add

FILTER CRITERIA

Content: Publishing status (= Yes) Add

Content: Type (= Property)

Content: Property Square Footage (exposed)

Content: Property Asking Price (exposed)

Content: Property Number Bedrooms (exposed) Add

SORT CRITERIA

Content: Property Neighborhood (asc) Add

Content: Title (asc)

PAGE SETTINGS

Path: /available-property-list...

Menu: No menu

Access: Permission | View published content

HEADER

Add

FOOTER

Add

NO RESULTS BEHAVIOR

Add

PAGER

Use pager: Full | Paged, 5 items

More link: No

ADVANCED

CONTEXTUAL FILTERS

Content: Property Neighborhood Add

RELATIONSHIPS

EXPOSED FORM

Exposed form in block: No

Exposed form style: Basic | Settings

OTHER

Machine Name: page_4

Administrative comment: None

Use AJAX: No

Hide attachments in summary: No

Contextual links: Shown

Use aggregation: No

Query settings: Settings

Caching: Tag based

CSS class: None

Save

Cancel



Relationships



Add relationships

For

All displays (except overridden) ▾

Search

open

Type

- All - ▾

TITLE	CATEGORY	DESCRIPTION
<input type="checkbox"/> Content referenced from field_open_house_property_refere	Content	Appears in: open_house.
<input checked="" type="checkbox"/> Content using field_open_house_property_refere	Content	Relate each Content with a field_open_house_property_refere set to the conten

Selected: Content using field_open_house_property_refere

Apply (all displays)

Cancel



Relationships

Configure field: Content: Open House Start

For

This attachment (override) ▼

Appears in **relationships**

Relationship

field_open_house_property_refere ▼

Create a label

Label

Date

Place a colon after the label

Exclude from display

Enable to load this field as hidden. Often used to group fields, or to use as token in another field.

Formatter

Default ▼

Time zone override

- None selected - ▼

Relationships

Format: [Table](#) | [Settings](#)

FIELDS

Add

Content: Title (Address) ←

Content: Property Asking Price (Asking Price)

Content: Property Number Bedrooms (# Bedrooms)

Content: Property Square Footage (Square Feet)

Content: Property Neighborhood (Neighborhood)

Content: Title (Realtor) [hidden] ←

Content: Realtor Phone

FILTER CRITERIA

Add

Content: Publishing status (= Yes)



Blue Drop Realty

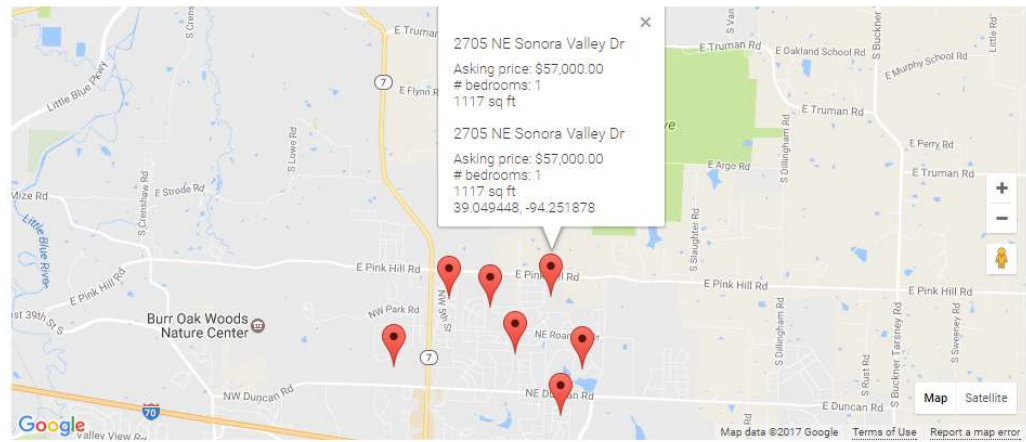
- [About Blue Springs](#)
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Search

Tools

[Add feed](#)

[404 NW Nottingham Ln](#)



Welcome to Blue Drop Realty



Search



Tools

[Add feed](#)

Available Property Listing

Square Footage

And

Asking Price



And

Bedrooms

And

Neighborhood

- Buckner Tarsney and Major Road
- City Center
- Route 40
- Route 7 and Pink Hill Road
- U.S. Route 40 and 10th Street

Apply

Neighborhood: [City Center](#)

Address	Asking Price	# Bedrooms	Square Feet	Neighborhood
1100 NW Heatherwood Dr	\$197,000.00	3	2,052 sq ft	City Center
2006 NE Newport Ct	\$191,000.00	3	2,938 sq ft	City Center
2705 NE Sonora Valley Dr	\$57,000.00	1	1,117 sq ft	City Center

Neighborhood: [Route 40](#)

Address	Asking Price	# Bedrooms	Square Feet	Neighborhood
1309 SW Sunrise Dr	\$45,000.00	1	499 sq ft	Route 40
1808 SE Kenwood Dr	\$146,000.00	4	1,871 sq ft	Route 40

Exposed Filters



Available Property Listings for City Center

Square Footage

And

Asking Price



And

Bedrooms

And

Apply

Neighborhood: [City Center](#)

Address	Asking Price	# Bedrooms	Square Feet	Neighborhood
1100 NW Heatherwood Dr	\$197,000.00	3	2,052 sq ft	City Center
2006 NE Newport Ct	\$191,000.00	3	2,938 sq ft	City Center
2705 NE Sonora Valley Dr	\$57,000.00	1	1,117 sq ft	City Center

Contextual Filter



Search

Tools
[Add feed](#)

Available Property Gallery

[2204 NE 3rd St](#)



Asking price: \$168,000
bedrooms: 3
1,806 sq ft

[Parade of Homes](#)
Saturday, March 5, 2016
9:00 am
3:00 pm
[2204 NE 3rd St](#)
311

[104 NW Nottingham Ln](#)



Asking price: \$153,000
bedrooms: 4
1,888 sq ft

[1100 SW Heatherwood Dr](#)



[2527 NE 2nd Ter](#)



Asking price: \$90,000
bedrooms: 1
1,022 sq ft

[2006 NE Newport Ct](#)



Asking price: \$191,000
bedrooms: 3
2,938 sq ft

[900 NE Linn Ave](#)





DRUPALCON  VIENNA



JOIN US FOR
CONTRIBUTION SPRINT
Friday, September 29, 2017

Mentored
Core Spint

9:00-12:00
Room: Stolz 2

First time
Sprinter Workshop

9:00-12:00
Room: Lehar 1 - Lehar 2

General Sprint

9:00-12:00
Room: Mall



#drupalsprints





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Take the survey!

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Questions?

Gregg Marshall

gmarshall@vendor-tech.com

<http://drupal.org/u/greggmarshall>

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Amanda Marshall

me@amandamarshall.us

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Foreword by Jeffrey A. "jam" McGuire - Evangelist, Developer Relations, Acquia

Gregg Marshall

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PUBLISHING community experience distilled