

# Mastering Drupal 8 Views

Gregg Marshall  
<http://bit.ly/D8Views>



## About me

- drupal.org since 2006
- 1<sup>st</sup> DrupalCon 2010 San Francisco
- Digital Technology Developer Manager  
Drupal Architect



## About me

- drupal.org since 2006
- 1<sup>st</sup> DrupalCon 2010 San Francisco
- Digital Technology Developer Manager  
Drupal Architect

Aided by Jackson

The logo for Accenture Digital, featuring the word "accenture" in black and "digital" in orange, with a yellow chevron symbol above the "t" in "digital".



## Disclaimer

- All content provided in this presentation is my personal opinions and for informational purposes only. I am speaking for myself. I am not presenting as a representative of my employers.
- Neither my employers nor I make any representation regarding, and assumes no responsibility or liability for, the accuracy or completeness of, or any errors or omissions in, any information contained herein.

## 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
- Many Drupal administration pages are now views

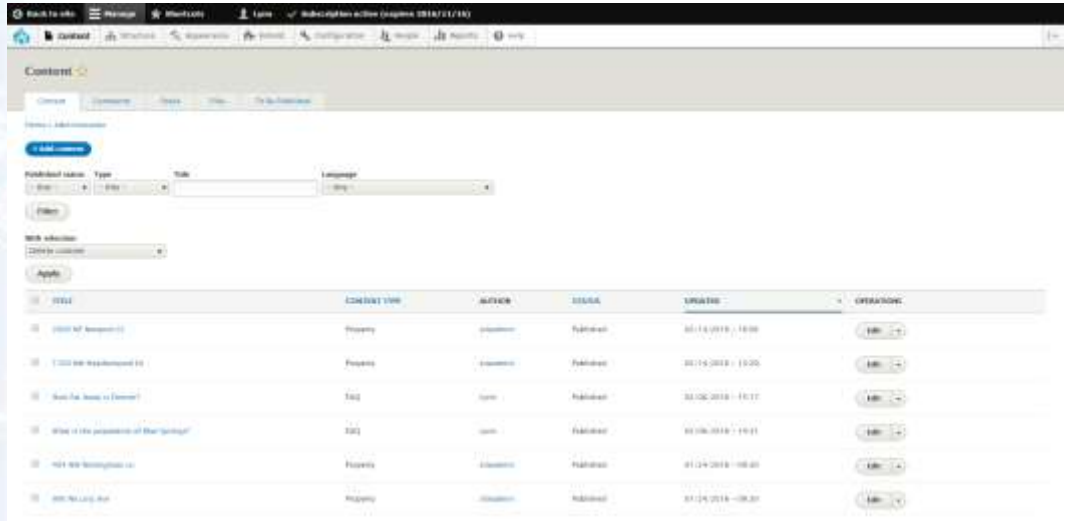


## Drupal 8 Views Examples Front Page



# Drupal 8 Views Examples

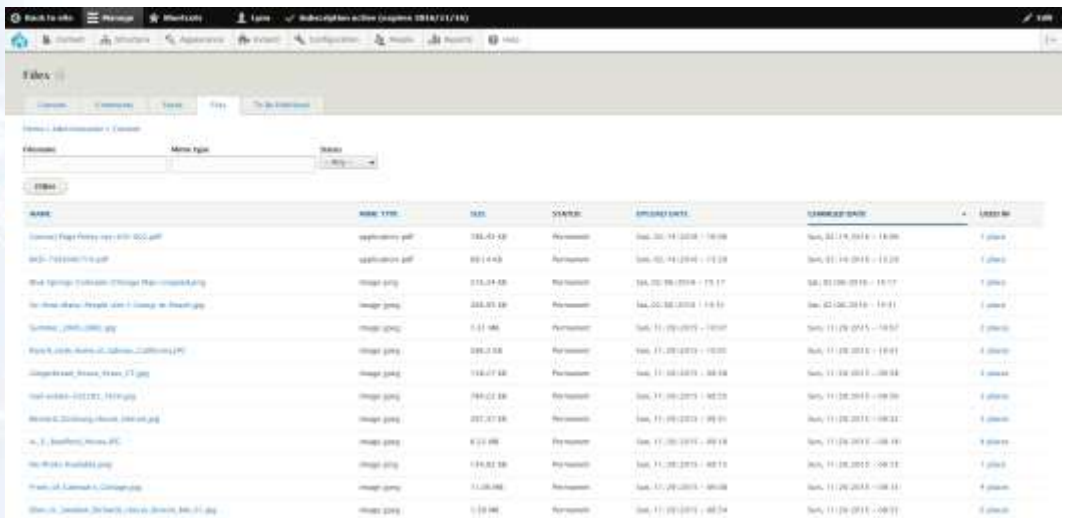
## Content List



ID	TITLE	CONTENT VIEW	AUTHOR	STATUS	UPDATE	CREATE/DATE
1000	1000: My Account (1)	Private	admin	Published	01/14/2016 - 18:08	1 min
1001	1001: My Account (2)	Private	admin	Published	01/14/2016 - 18:20	1 min
1002	1002: My Account (3)	Tag	admin	Published	01/14/2016 - 18:37	1 min
1003	1003: My Account (4)	Tag	admin	Published	01/14/2016 - 18:51	1 min
1004	1004: My Account (5)	Private	admin	Published	01/14/2016 - 18:55	1 min
1005	1005: My Account (6)	Private	admin	Published	01/14/2016 - 18:57	1 min

# Drupal 8 Views Examples

## Files View

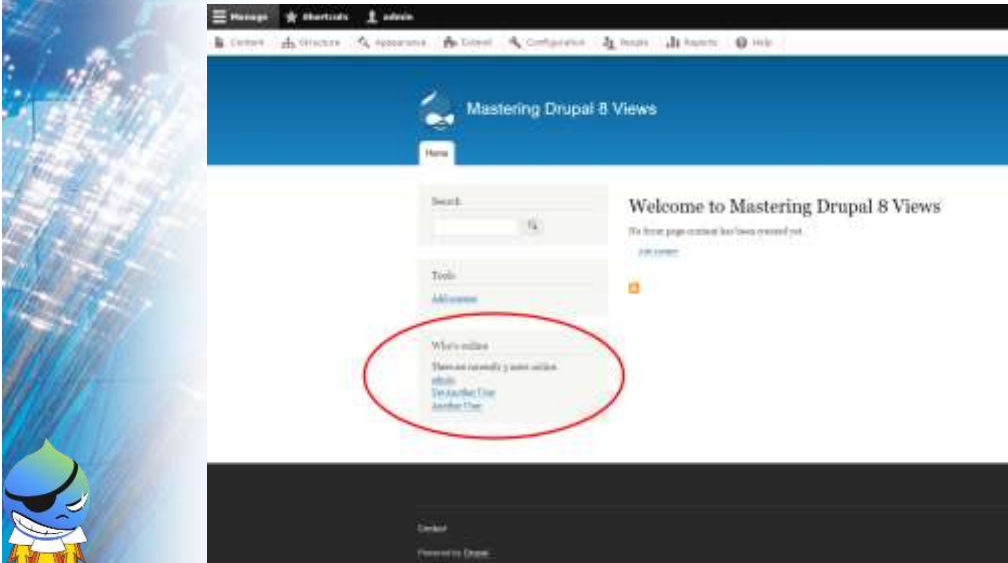


NAME	MIME TYPE	SIZE	STATUS	UPLOAD DATE	CHANGE DATE	ADMIN
1000: My Account (1).pdf	application/pdf	101,42 KB	Permitted	Sun, 01/14/2016 - 18:08	Sun, 01/14/2016 - 18:08	1 min
1001: My Account (2).pdf	application/pdf	89,14 KB	Permitted	Sun, 01/14/2016 - 18:20	Sun, 01/14/2016 - 18:20	1 min
1002: My Account (3).pdf	image/png	213,24 KB	Permitted	Sun, 01/14/2016 - 18:37	Sun, 01/14/2016 - 18:37	1 min
1003: My Account (4).pdf	image/png	203,97 KB	Permitted	Sun, 01/14/2016 - 18:51	Sun, 01/14/2016 - 18:51	1 min
1004: My Account (5).pdf	image/png	5,31 KB	Permitted	Sun, 01/14/2016 - 18:55	Sun, 01/14/2016 - 18:55	1 min
1005: My Account (6).pdf	image/png	208,23 KB	Permitted	Sun, 01/14/2016 - 18:57	Sun, 01/14/2016 - 18:57	1 min
1006: My Account (7).pdf	image/png	118,27 KB	Permitted	Sun, 01/14/2016 - 18:58	Sun, 01/14/2016 - 18:58	1 min
1007: My Account (8).pdf	image/png	248,22 KB	Permitted	Sun, 01/14/2016 - 18:59	Sun, 01/14/2016 - 18:59	1 min
1008: My Account (9).pdf	image/png	207,37 KB	Permitted	Sun, 01/14/2016 - 19:01	Sun, 01/14/2016 - 19:01	1 min
1009: My Account (10).pdf	image/png	629,46 KB	Permitted	Sun, 01/14/2016 - 19:18	Sun, 01/14/2016 - 19:18	1 min
1010: My Account (11).pdf	image/png	175,82 KB	Permitted	Sun, 01/14/2016 - 19:31	Sun, 01/14/2016 - 19:31	1 min
1011: My Account (12).pdf	image/png	1,108,98 KB	Permitted	Sun, 01/14/2016 - 19:58	Sun, 01/14/2016 - 19:58	1 min
1012: My Account (13).pdf	image/png	1,108,98 KB	Permitted	Sun, 01/14/2016 - 19:58	Sun, 01/14/2016 - 19:58	1 min



# Drupal 8 Views Examples

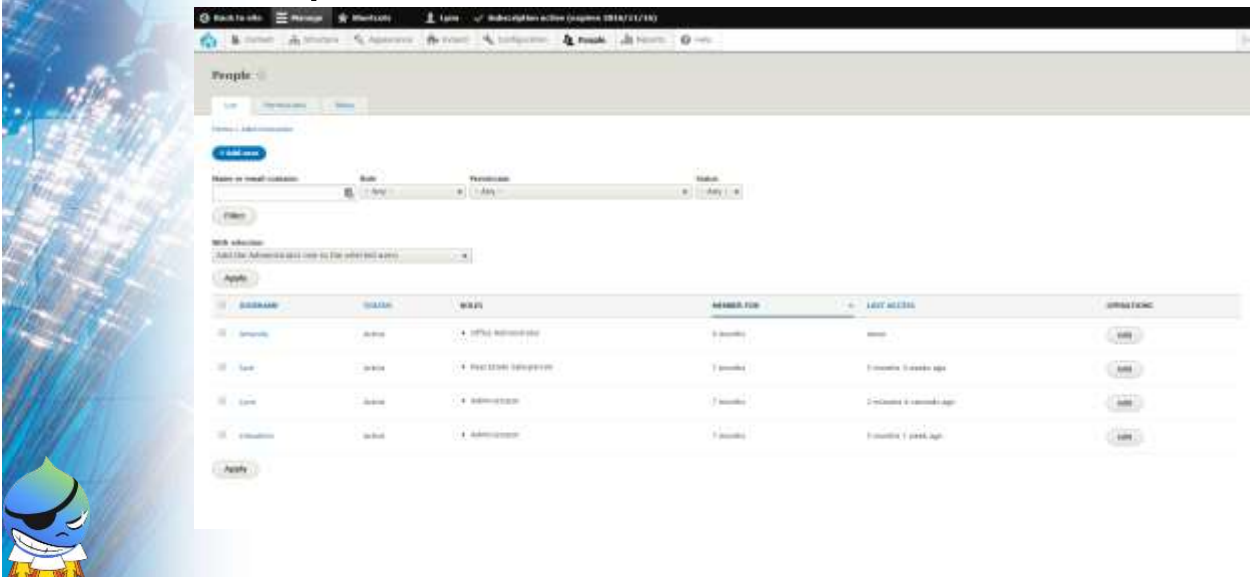
## Who's Online



The screenshot shows a Drupal 8 website with a blue header. The main content area features a search bar and a 'Who's Online' view example, which is circled in red. The view displays the text 'Who's online' and 'There are currently 0 users online.' Below this, there are links for 'Who's Online' and 'Administer this view'. A cartoon cat is visible on the right side of the page.

# Drupal 8 Views Examples

## People List

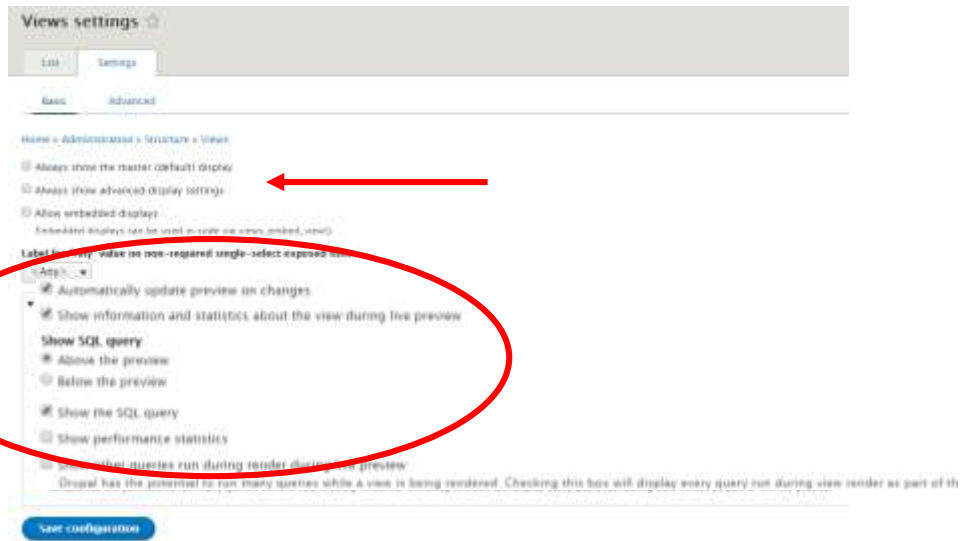


The screenshot shows a Drupal 8 website with a 'People List' view example. The view displays a table of users with columns for Name, Role, Permissions, and Status. The table has 4 rows of data. A cartoon cat is visible on the left side of the page.

Name	Role	Permissions	Status
Admin	Admin	Administer site configuration	Online
User	User	Post content (anonymous)	Online
User	User	Administer site	Online
User	User	Administer site	Online

# Using Views

## Views Settings



Views settings

List Settings

Basic Advanced

Home » Administration » Structure » Views

Always show the master (default) display

Always (how advanced display setting)

Allow embedded displays

Embedded displays can be used in code via `views_embed_views()`.

Label for query value on non-required single-select exposed filters

Apply

Automatically update preview on changes

Show information and statistics about the view during live preview

Show SQL query

Above the preview

Below the preview

Show the SQL query

Show performance statistics

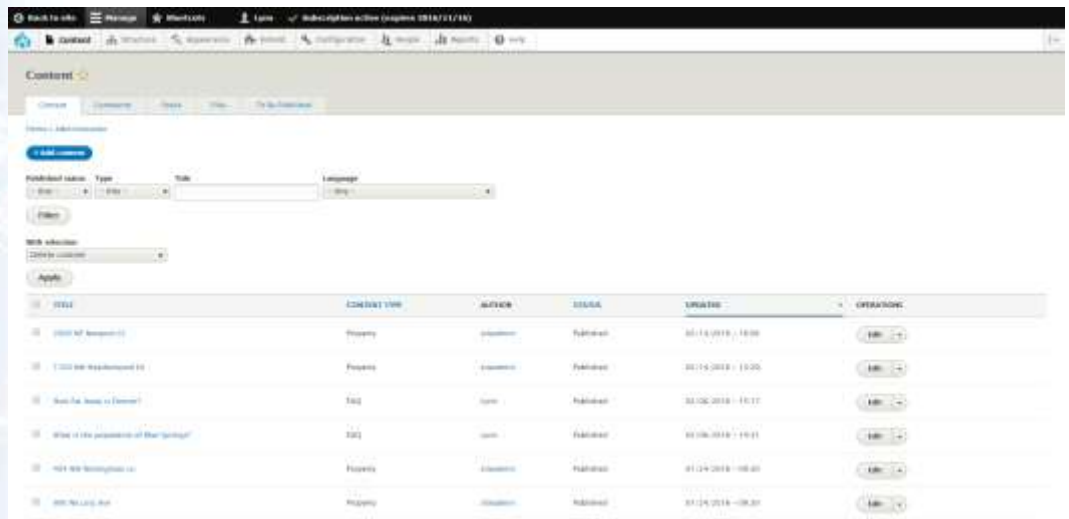
Show the queries run during render of the preview

Drupal has the potential to run many queries while a view is being rendered. Checking this box will display every query run during view render as part of th

Save configuration

# Editing an Existing View

## Content List



Content

Content Comments Views Filter The Queue

Home » Administration

Add content

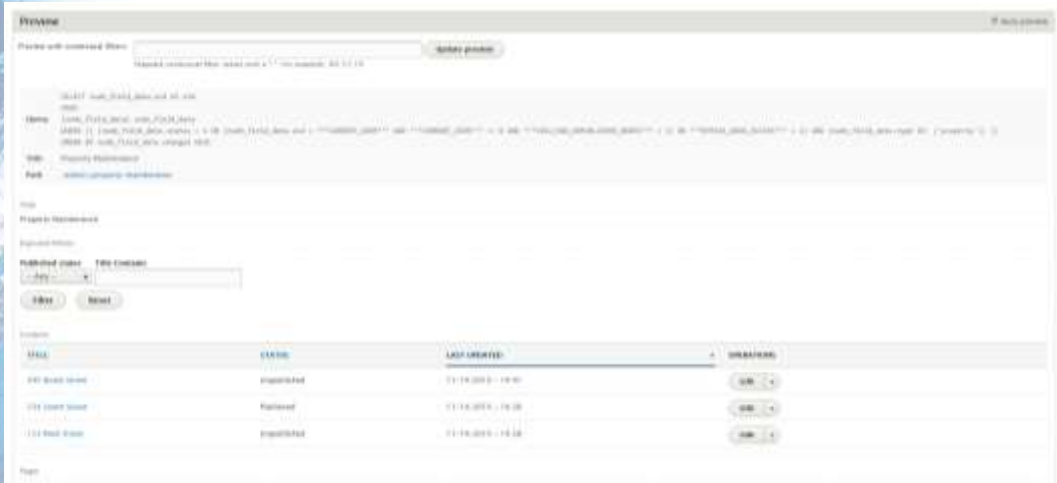
Published status: Type: Title: Language:

Filter

With selection: Content selection: Apply

TITLE	CONTENT TYPE	AUTHOR	STATUS	UPDATE	OPERATIONS
2000 MP Research (0)	Page	admin	Published	30/11/2016 - 18:08	EDIT
1000 MP Research (0)	Page	admin	Published	30/11/2016 - 18:20	EDIT
San Joaquin is Dying!	Page	admin	Published	30/08/2016 - 18:37	EDIT
What is the position of the group?	Page	admin	Published	30/08/2016 - 18:21	EDIT
1000 MP Research (0)	Page	admin	Published	31/10/2016 - 08:00	EDIT
1000 MP Research (0)	Page	admin	Published	31/10/2016 - 08:30	EDIT

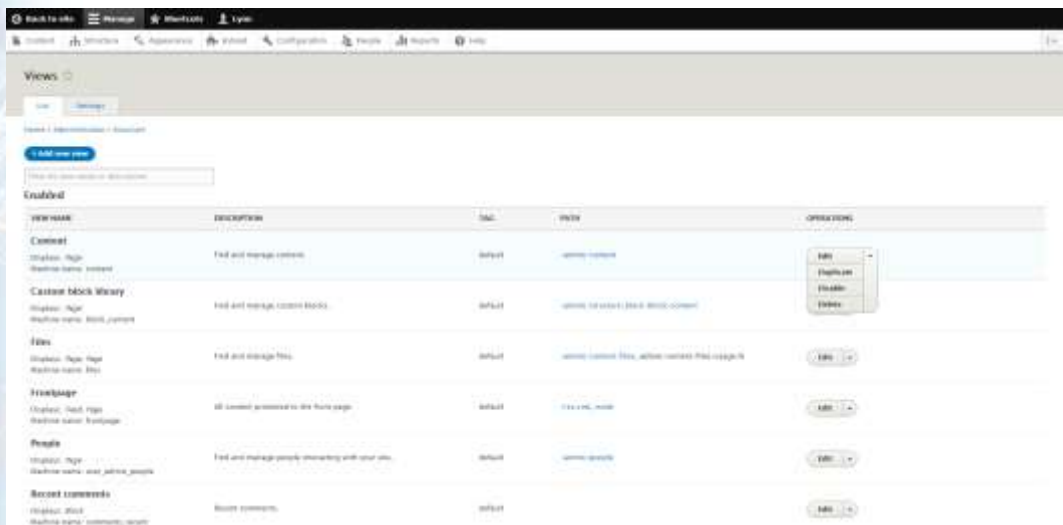
## Editing an Existing View Preview Results



The screenshot shows the 'Preview' interface in Drupal. At the top, there is a search bar and a 'Submit preview' button. Below this, there is a table with columns for 'ID', 'NAME', 'STATUS', 'LAST CREATED', and 'OPERATIONS'. The table contains three rows of preview results.

ID	NAME	STATUS	LAST CREATED	OPERATIONS
100	Block view	Completed	11-18-2015 - 10:40	EDIT
101	Block view	Completed	11-18-2015 - 10:40	EDIT
102	Block view	Completed	11-18-2015 - 10:40	EDIT

## Editing an Existing View Views Listing Page



The screenshot shows the 'Views' listing page in Drupal. At the top, there is a search bar and an 'Add new view' button. Below this, there is a table with columns for 'VIEWNAME', 'DESCRIPTION', 'TAG', 'VIEW', and 'OPERATIONS'. The table contains six rows of view listings.

VIEWNAME	DESCRIPTION	TAG	VIEW	OPERATIONS
Content	Find and manage content	default	admin/content	EDIT DELETE VIEW
Custom block library	Find and manage content blocks	default	admin/content/block-blocks	EDIT DELETE VIEW
Files	Find and manage files	default	admin/content/files-admin-content-files-page-0	EDIT
Homepage	All content accessible to the front page	default	front-page	EDIT
People	Find and manage people interacting with your site	default	admin/people	EDIT
Recent comments	Recent comments	default	admin/recent-comments	EDIT



## Editing an Existing View View Edit Screen

Displays

Block + Add

Display name: Block

Display name: Block

EDIT

Title: Open Houses for One Property

FORMAT

Format: Unformatted list | Settings

Show Fields: | Settings

FIELDS

Content: Title

Content: Open House Start

Content: Open House End

Content: Open House End

FILTER CRITERIA

Content: Publishing status (= Yes)

Content: Type (= Open House)

SORT CRITERIA

Content: Open House Start (asc)

BLOCK SETTINGS

Block name: None

Block category: All Filters

Allow settings: Items per page

Access: Permissions | View published content

HEADER

Content: Title Area (Global) | Settings

FOOTER

NO RESULTS BEHAVIOR

For users: Display a specified number of items: 0 | 2 items

More link: No

Link display: None

ADVANCED

CONTEXTUAL FILTERS

Content: Open House Property Reference

RELATIONSHIPS

Add: None, Access: Properties | Settings

EXPOSED FORM

Exposed form with: None | Settings

OTHER

Workarea Name: Block |

Administrative context: None

Use Ajax: No

High resolution on mobile: No

Embedded links: None

Use aggregation: No

Empty settings: Settings

Marking: Top level

FSI show: None

Hide Block if the view content is empty: No

Save Cancel



## Editing a View View Edit Screen

Displays

Block + Add

Display name: Block

Display name: Block

EDIT

Title: Open Houses for One Property

FORMAT

Format: Unformatted list | Settings

Show Fields: | Settings

FIELDS

Content: Title

Content: Open House Start

Content: Open House Start

Content: Open House End

FILTER CRITERIA

Content: Publishing status (= Yes)

Content: Type (= Open House)

SORT CRITERIA

Content: Open House Start (asc)

Save Cancel



## Editing a View View Edit Screen



**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*

## Editing a View View Edit Screen



[Edit view name/description](#) ▾

[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\_7*

Administrative comment: *None*

Use AJAX: *No*

Hide attachments in summary: *No*

Contextual links: [Show](#)

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 Edit Screen

This screenshot shows the 'Content (Content)' edit screen. It features a sidebar with 'Displays' and 'Fields' sections. The main area is divided into 'TITLE', 'FORMAT', 'FIELDS', 'FILTER CRITERIA', and 'SORT CRITERIA'. Red arrows point to the following fields: 'Content Title (Title)', 'Content Type (Content Type)', 'Content Publishing status (Status)', 'Content Checked (Checked)', 'Content Operations (Add/Operations)', 'Content Published status (Published)', 'Content Type (Approved)', 'Content Title (Approved)', and 'Content Translation language (Approved)'. A yellow arrow points to the 'Content Title (Title)' field.

This dialog box is titled 'Page: The title of this view'. It contains a dropdown menu for 'For' (set to 'All Displays'), a text input for 'Title' (containing 'Content'), and a checkbox for 'This view will be displayed with the view, unless you are normally displayed in, on the page for: (View only)'. Buttons for 'Apply (all displays)', 'Cancel', and 'Remove' are at the bottom.

This dialog box is titled 'ADMINISTRATIVE TITLE'. It contains a text input field and buttons for 'Apply', 'Cancel', and 'Remove'.

This screenshot shows the 'Content (Content)' edit screen with a different set of fields highlighted. A yellow arrow points to the 'Content Title (Title)' field. Red arrows point to the 'Content Type (Content Type)', 'Content Publishing status (Status)', 'Content Checked (Checked)', 'Content Operations (Add/Operations)', 'Content Published status (Published)', 'Content Type (Approved)', 'Content Title (Approved)', and 'Content Translation language (Approved)' fields.

# Editing an Existing View Edit Screen

This screenshot shows the 'Content (Content)' edit screen. Yellow arrows point to the 'Content Title (Title)' field and the 'Content Type (Approved)' field. Red arrows point to the 'Content Title (Title)', 'Content Type (Content Type)', 'Content Publishing status (Status)', 'Content Checked (Checked)', 'Content Operations (Add/Operations)', 'Content Published status (Published)', 'Content Type (Approved)', 'Content Title (Approved)', and 'Content Translation language (Approved)' fields.

This screenshot shows the 'Property Maintenance (Content)' edit screen. It features a sidebar with 'Displays' and 'Fields' sections. The main area is divided into 'TITLE', 'FORMAT', 'FIELDS', 'FILTER CRITERIA', and 'SORT CRITERIA'. The 'Content Title (Title)' field is highlighted with a yellow arrow.

## 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)

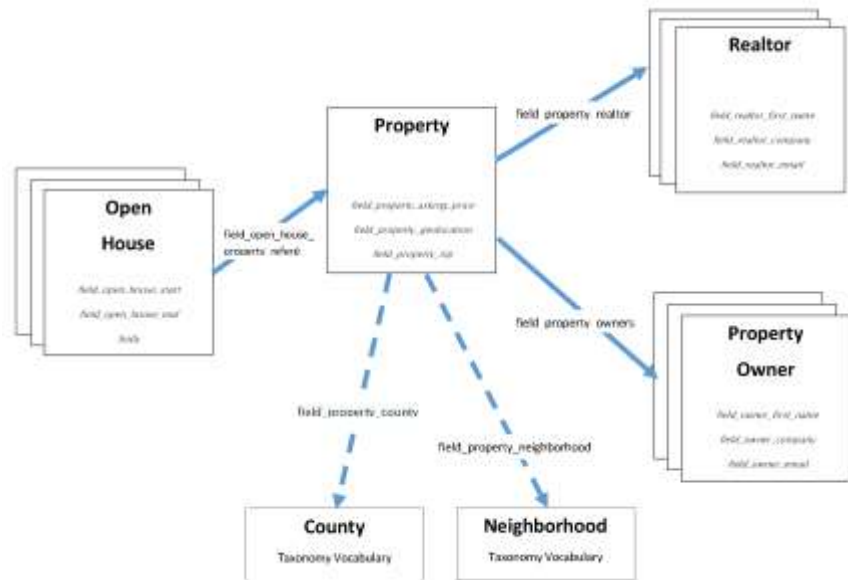
Label	Machine name	Field type
Owner Address 1	field_owner_address_1	Text (plain)
Owner Address 2	field_owner_address_2	Text (plain)
Owner City	field_owner_city	Text (plain)
Owner Company	field_owner_company	Text (plain)
Owner Email	field_owner_email	Email
Owner First Name	field_owner_first_name	Text (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



## Components of a View

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



## Creating a New View

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



## Creating a New View

The screenshot shows a web interface for creating a new view. The title is "Add new view" with a help icon. Below the title is a breadcrumb trail: "Home » Administration » Structure » Views". The form is divided into several sections:

- VIEW BASIC INFORMATION**: Includes a "View name" text input field and a "Description" text area.
- VIEW SETTINGS**: Includes a "Show" dropdown menu (set to "Content"), an "of type" dropdown menu (set to "All"), a "paginate with" text input field, and a "sorted by" dropdown menu (set to "Newest first").
- PAGE SETTINGS**: Includes a "Create a page" checkbox.
- BLOCK SETTINGS**: Includes a "Create a block" checkbox.
- REST EXPORT SETTINGS**: Includes a "Provide a REST export" checkbox.

At the bottom of the form are two buttons: "Save and edit" (highlighted in blue) and "Cancel".





## 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





# 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

Tab: All Displays ▾

Data when the event occurred:

Create a label

Exclude from display

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

Date format:

Fallback date format format: Sat, 10/12/2015 - 16:38 ▾

Timezone:

- Default site user timezone - ▾

Timezone to be used for date output.

► STYLE SETTINGS

► REWRITE RESULTS

► NO RESULTS BEHAVIOR

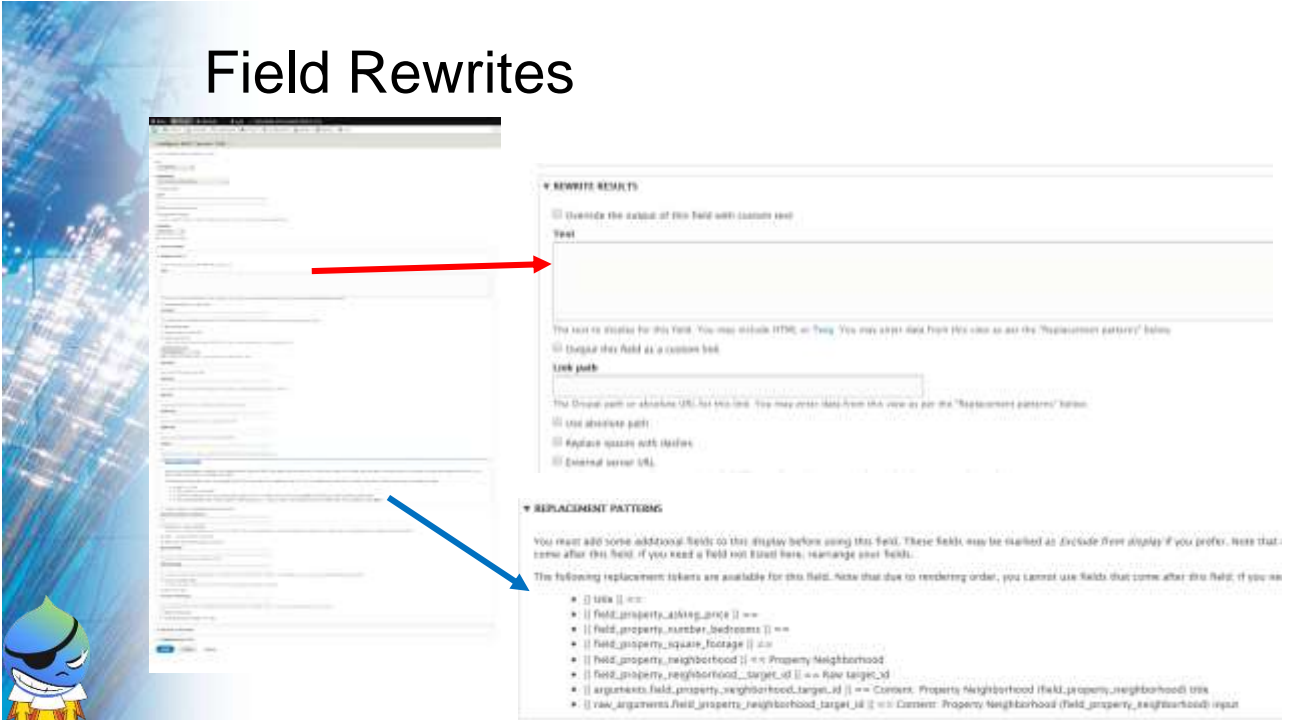
► ADMINISTRATIVE TITLE

Apply (all displays) Cancel Remove





# Field Rewrites



**REWRITE RESULTS**

- Override the output of this field with custom text
   
Text:
- Output this field as a custom link
   
Link path:
- 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 some other fields if you need a field not listed here, rearrange other 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 use

- {{ {{ }}
- field\_property\_listing\_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) link
- 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 criteria: Content, Property Square Footage (field: property\_square\_footage)

Yes  
This page overrides

Applies to: property

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

Filter type to require

Single filter

Grouped filters

Grouped filters allow a client to select predefined operator values, and:

Required

Label  
Property Square Footage (field: property\_square\_footage)

Description

Operator  
is between

Preserve 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.

ADMINISTRATIVE TITLE

Apply this display Cancel Remove

# Exposed Filters

## Available Property Listing

Square Footage  And  Asking Price  And

# Bedrooms  And  Neighborhood

Neighborhood dropdown menu:  
Buckner Tansney and Major Road  
City Center  
Route 40  
Route 7 and Park 100 Road  
U.S. Route 40 and 10th Street

Apply

Title	Asking Price	# Bedrooms	Square Feet	Neighborhood
1800 SE Kameado Dr	\$140,000.00	4	1,871 sq ft	
1100 NW Newberrywood Dr	\$107,000.00	3	2,052 sq ft	City Center
3000 NE Newport Ct	\$101,000.00	3	2,038 sq ft	City Center
2700 NE Sunset Valley Dr	\$57,000.00	1	1,117 sq ft	City Center
1300 SW Sunrise Dr	\$43,000.00	1	489 sq ft	Route 40

1 2 Next Last

# Contextual Filters

## Filters configured via URL

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

Blue Drop Realty

Home > Available Property Listing

Search:

Tools: [Reset counts](#)

### Available Property Listings for City Center

Square Footage:  And  Asking Price:

And  # Bedrooms:  And

Address	Asking Price	# Bedrooms	Square Feet	Neighborhood
7100 NW VistaRowland Dr	\$197,000.00	3	2,052 sq ft	City Center
3000 NW Summit Dr	\$190,000.00	3	2,508 sq ft	City Center
3700 NE Sunset Valley Dr	\$17,000.00	3	1,117 sq ft	City Center

# Contextual Filters

## Filters configured via URL

Available Property Listing (Content)

Home > Administration > Structure > Items > Available property listing > Edit

**Displays**

Display name: Neighborhood Page

**TITLE**  
Title: Available Property Listing

**FORMS**  
Forms: Title (1) Settings

**FIELDS**  
 Location Title (Text)   
 Location Address, Address, Price, Asking Price (Text)   
 Location Property Number, Bedrooms (Number)   
 Location Property Square Footage, Current Price (Text)   
 Location Property Neighborhood, Neighborhood (Text)

**FIELD OPTIONS**  
 Location Address (Text)   
 Location Price (Text)   
 Location Property Number (Number)   
 Location Property Square Footage (Text)   
 Location Property Neighborhood (Text)

**SHOW CRITERIA**  
 Location Property Neighborhood (Text)   
 Location Title (Text)

**PAGE SETTINGS**  
 Title: Available Property Listing  
 Meta: No meta  
 Review: None (0) | Show used field content

**HEADS**   
**FOOTERS**   
**NO RESULTS MESSAGE**   
**PRICES**  
 Use ranges: Full | Pages: 2 items  
 Show full: No

**CONTEXTUAL FILTERS**  (Circled in red)

**RELATED ITEMS**  
 Equipment Item on block: No  
 Equipment Item on page: No | Settings

**CTAS**  
 Mainline Show: Page 0  
 Mainline Show: Content: None  
 Site Map: No  
 Hide alternatives in summary: No  
 Contented links: None  
 Site application: No  
 Check settings: Settings  
 Loading: Top search  
 EEO/AAE: None

# Contextual Filters

## Filters configured via URL

Configure contextual filter: Content: Property Neighborhood (field: property\_neighborhood)

For:

Supports all properties.  
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 warning
- Display a message of "No results found"
- Display "Access Denied"
- ...

**EXCEPTIONS**

Use default argument for view URL.  
Select whether to include the default argument when constructing the URL for this view. (Showing 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 selection criteria

**ADMINISTRATIVE TITLE**

**MEMO**

# Sort Criteria

Available Property Listing (Content)

Home > Administration > Settings > Views

**Display**

Display name: Page

**TITLE**  
Title: Available Property Listing

**FORMAT**  
Format: Table > | Settings

**FIELDS**

- Content: Title Field
- Content: Property Address: Full Street Name
- Content: Property Number: Address ID: Address Number
- Content: Property Square Footage: Square Foot
- Content: Property Neighborhood: Neighborhood

**FILTER CRITERIA**  
Content: Title Field

**SORT CRITERIA**  
Content: Property Neighborhood: Last  
Format: Title field

**FULL SETTINGS**

- Field: Available Property Listing
- Content: Property Neighborhood: Last
- Access: Permission: | New permission content

**EXPOSE**

**EDITOR**

**NO RESULTS MESSAGE**

**PAGES**  
Use pager: Full > | Page 1 of 1  
| More links: No

**ADVANCED**

**CONTEXTUAL FILTERS**

**BILLBOARD**

**EXPOSED FORM**  
Exposed form is hidden: No  
Exposed form label: No > | Settings

**EXTRA**

- Maximum number: none
- Maximum number of columns: none
- Use AJAX: No
- Auto-embed results in summary: No
- Downloadable: none
- Use pagination: No
- Open settings: Settings
- Linking: Top level
- CSV: none





# Relationships

**Add relationships**

For:  Search:  Type:

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

Selected: Content using field\_open\_house\_property\_refer

# Relationships

**Configure field: Content: Open House Start**

For:

Summary in: open\_house

Relationship:

Create a label

Label:

Place a token after the label

Exclude from display  
Exclude to treat this field as hidden. Often used to group fields, or to use as token in another field.

Formatter:

Time zone override:

The time zone selected here will always be used.

Date format:

Choose a format for displaying the date. Be sure to set a format appropriate for the field, i.e. working time for a field that only has a date.

► STYLE SETTINGS

► REWRITE RESULTS

## Relationships



The screenshot shows a configuration panel for a content view. At the top, it says "Format: Table | Settings". Below this is a section titled "FIELDS" with an "Add" button and a dropdown arrow. The fields listed are:

- Content: Title (Address) ← (indicated by a red arrow)
- 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] ← (indicated by a red arrow)
- Content: Realtor Phone

Below the fields is a section titled "FILTER CRITERIA" with an "Add" button and a dropdown arrow. The filter criteria listed are:

- Content: Publishing status (= Yes)
- Content: Type (= Property)

## Other View Settings

- Menu
- Permissions
- Header / Footer / No Results
- Pager

# Questions?

Gregg Marshall

[gmarshall@vendor-tech.com](mailto:gmarshall@vendor-tech.com)

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

<http://bit.ly/D8Views>

Discount code:

**eBook (50%): MD8V50**

**Print Book (20%): MD8V20**

1st 200 users

valid starting from 24th June till 31st July

