

#### About me

- drupal.org since 2006
- 1st DrupalCon 2010 San Francisco
- Contract Developer
   Senior Drupal Architect









#### Aided by Jackson



#### 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?

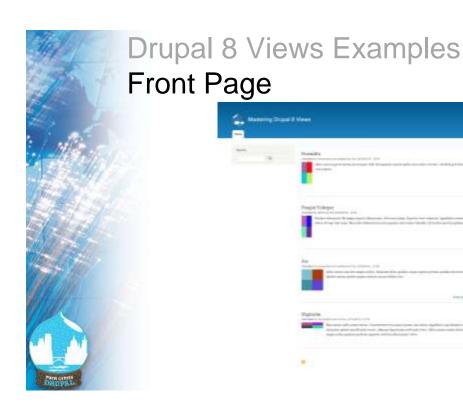
#### 5 Most recent blog posts block

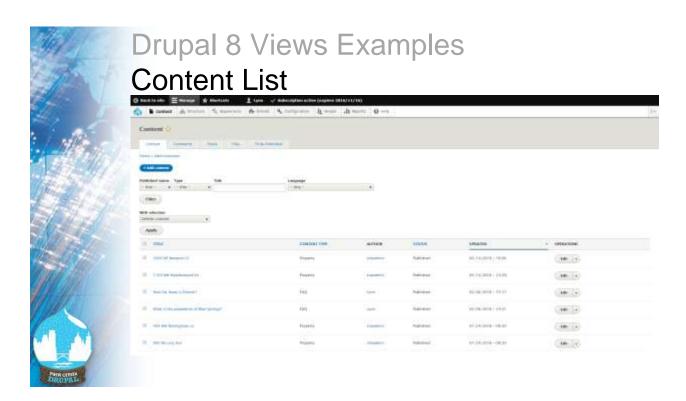
- Manual
  - Add blog post
  - Edit block with title and link
- Automatic (aka Views)
  - Add blog post
  - Block updates

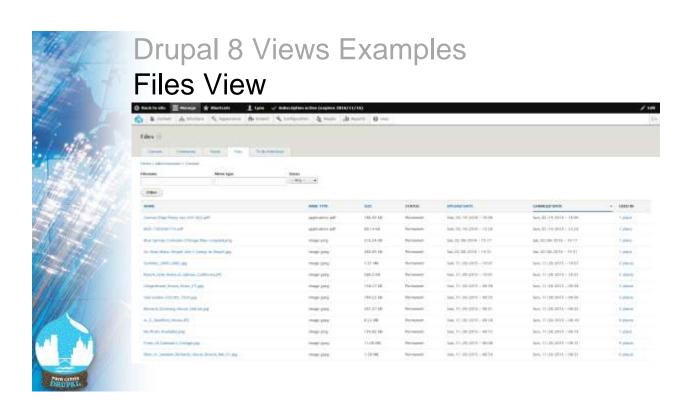


#### Views is in Drupal 8 Core

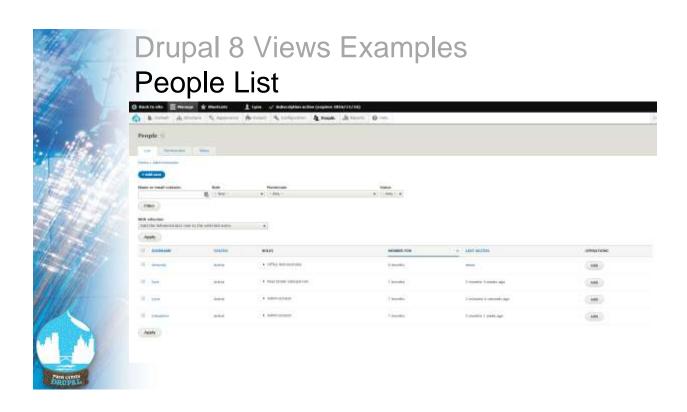
- Views was #1 Drupal 7 contributed module
- D7 required Views and CTools contributed modules
- Many Drupal administration pages are now views

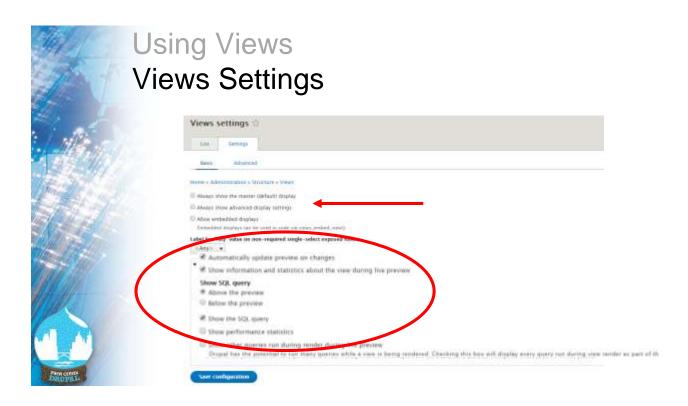


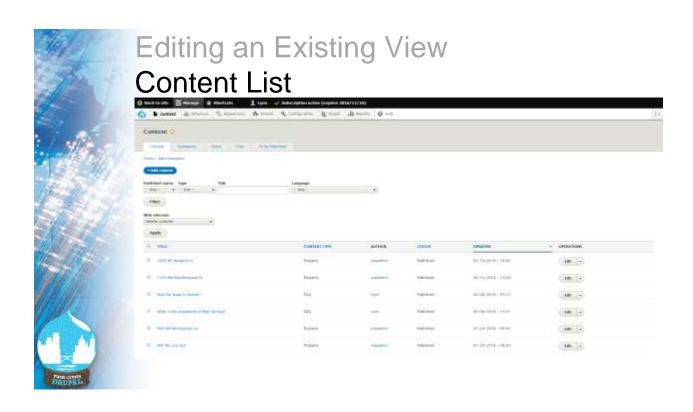


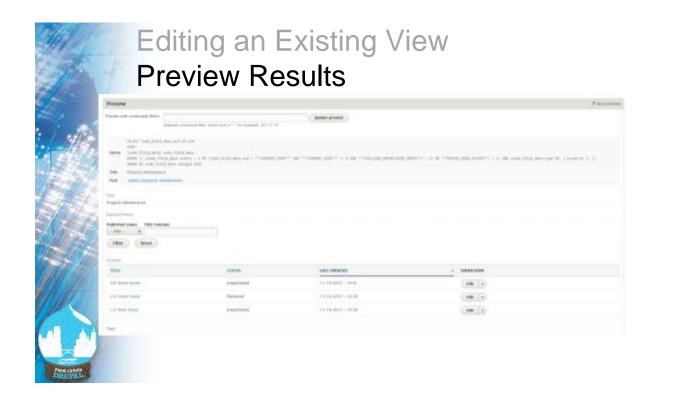


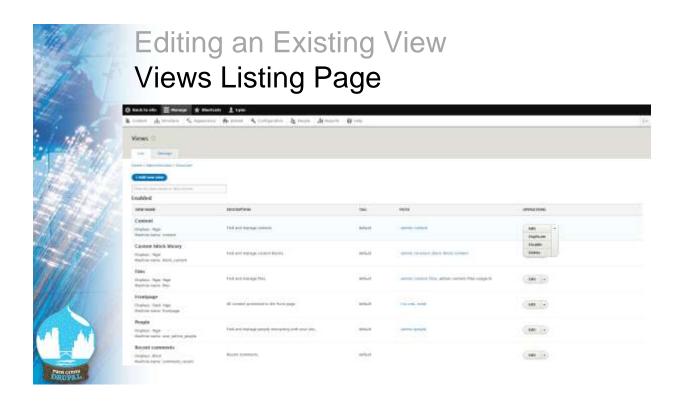


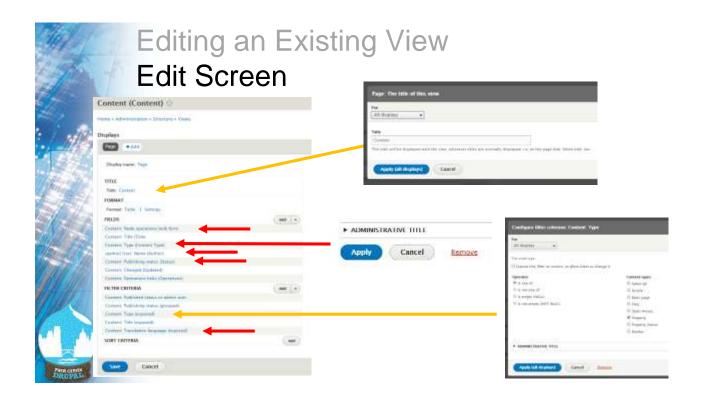








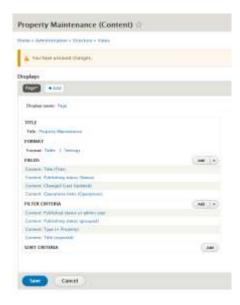




## **Editing an Existing View**

#### Edit Screen





## 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_bathroom s	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	field_open_house_end	Date
End		
Open House	field_open_house_property_refere	Entity reference (Property)
Property		
Reference		
Open House	field_open_house_start	Date
Start		

Real Estate Relationships

Realtor field property realtor Property Open Property Owner County Neighborhood Taxonomy Vocabulary Taxonomy Vocabulary



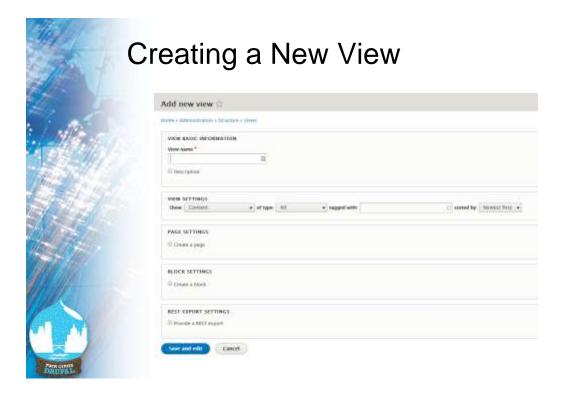
## Components of a View

- 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



## 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)



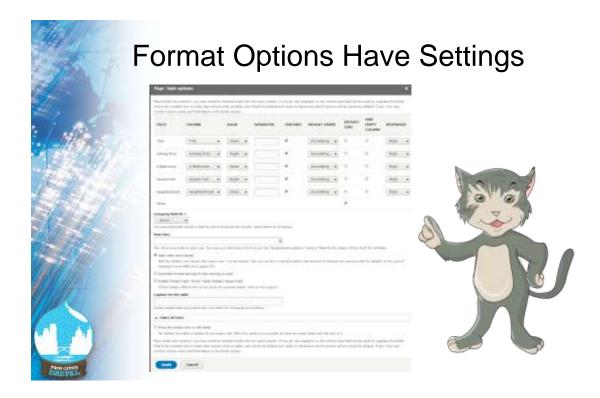
## Displays

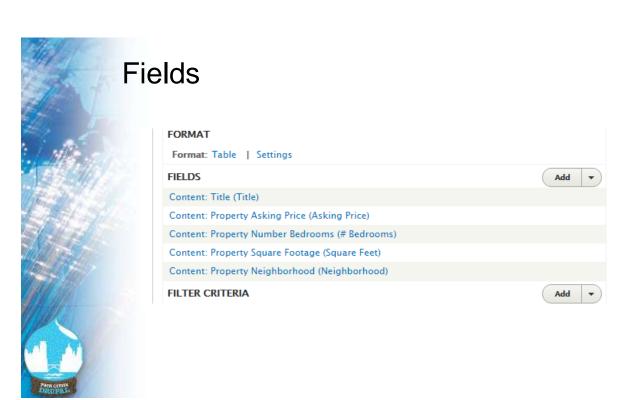
- Page
- Block
- Master
- Attachment
- Embed
- Entity Reference
- Feed
- REST Export



## **Format Options**

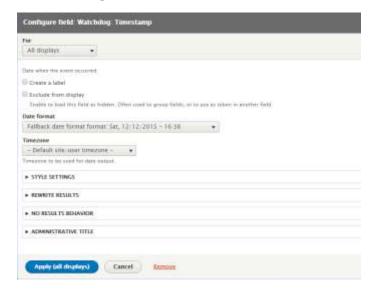
- Grid
- HTML List
- Unformated List
- Table
- Contributed Modules
  - Accordion
  - Slide Show
  - Мар

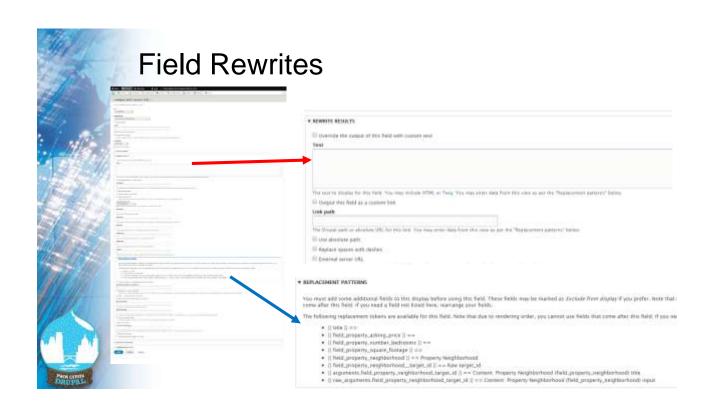


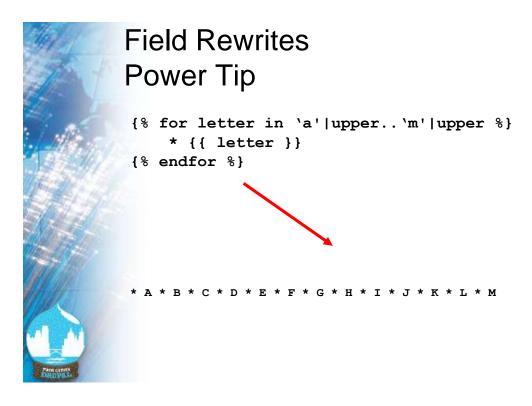




## Field Settings

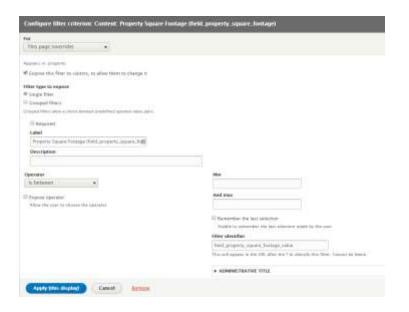


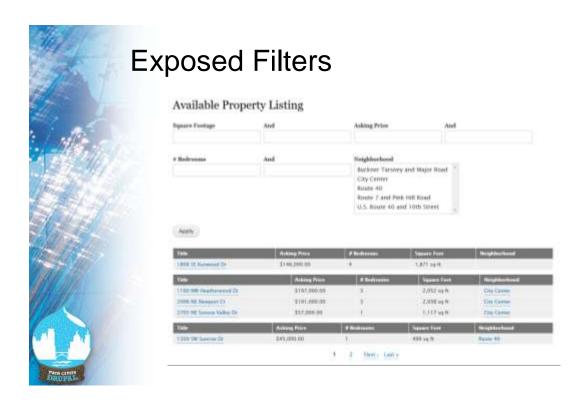


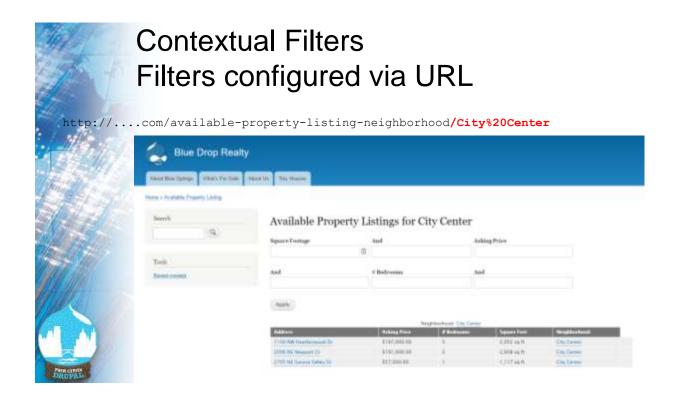


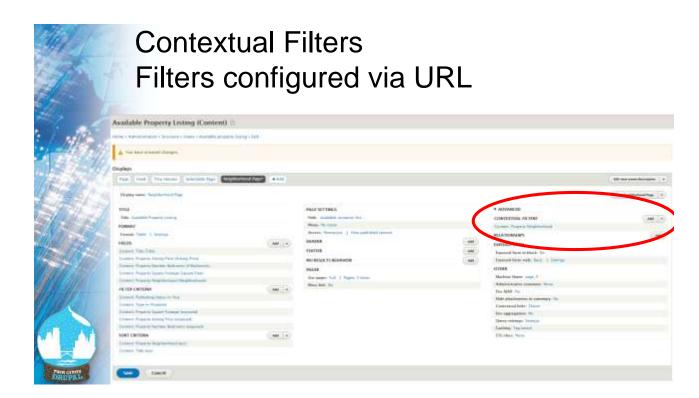
#### Filter Criteria

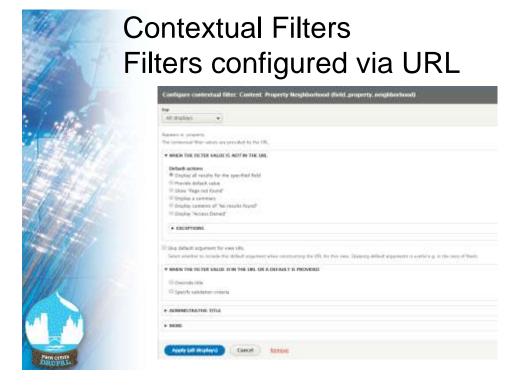


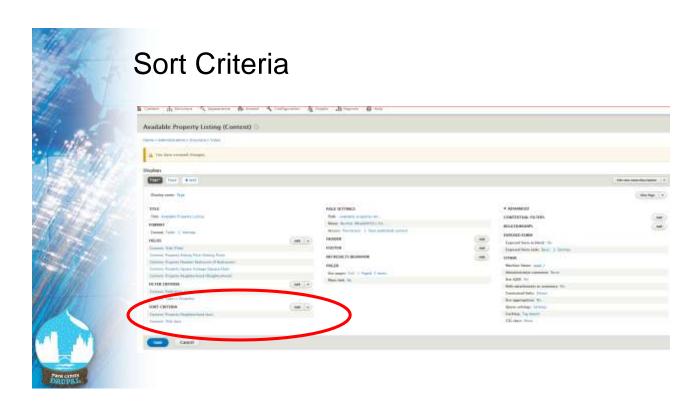


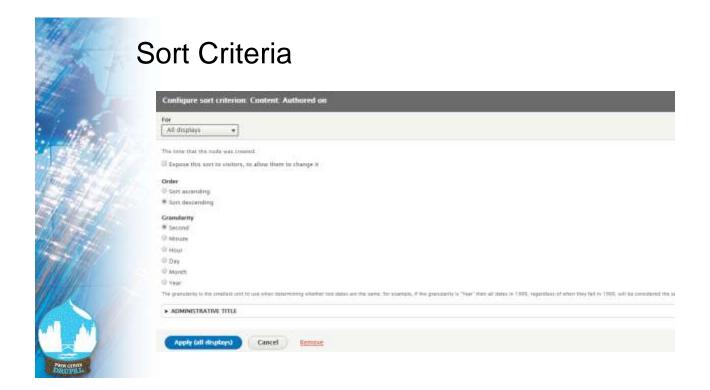


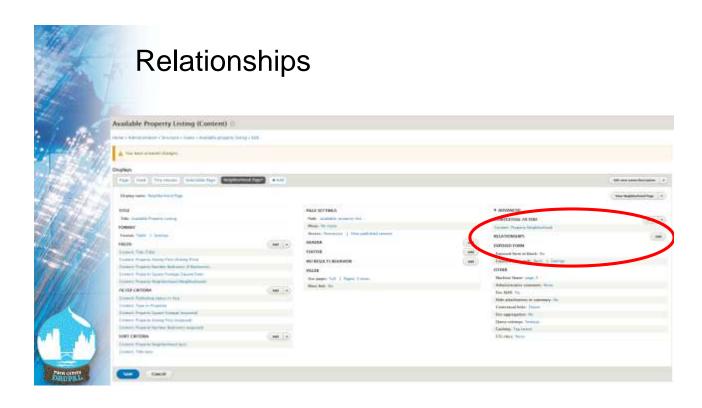


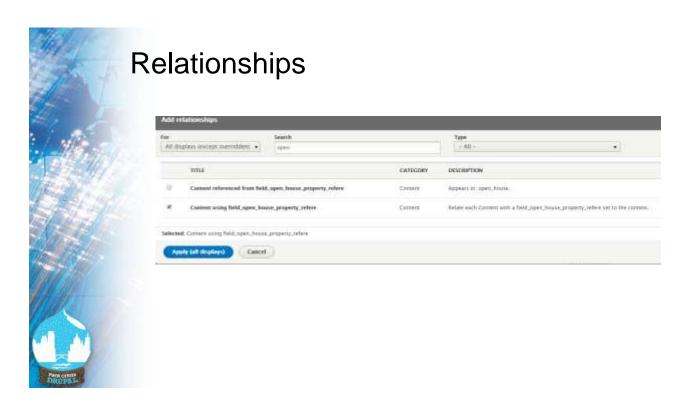






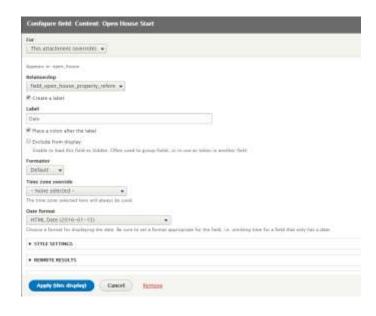






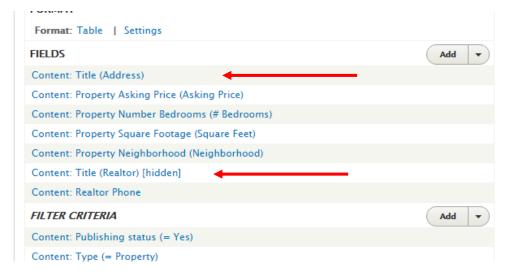


Relationships









#### Other View Settings

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

# **Questions?**

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## http://bit.ly/D8Views

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