

**You can view your nodes\***

\*And you can view your friends,  
but you can't view your friend's nodes.\*\*

*\*\* Well, yeah, you can, but you need more modules.*

*Important note!* **This is a beginner's intro to building Views.**

If you are already pretty familiar with making pretty Views, you are pretty likely to find this pretty basic.

I won't cry if you quick sneak out the back.



# John Jameson

- Web developer at Princeton University:  
[jjameson@princeton.edu](mailto:jjameson@princeton.edu)
- One man band at Duckpond Photography  
& Design: [theduckpond.com](http://theduckpond.com)

# John Jameson

- Web developer at Princeton University: [jjameson@princeton.edu](mailto:jjameson@princeton.edu)
- One man band at Duckpond Photography & Design: [theduckpond.com](http://theduckpond.com)
- Not the defender of Ireland, astronaut or sometime foe of Spiderman.



# The Plan

1. Views are Super Awesome
2. Tour of the Views Interface
  - a. Sidebar: Garbage in, Garbage out
3. Let's Build Some Views!
4. Grab Bag: "Advanced" Column

# Yay Drupal

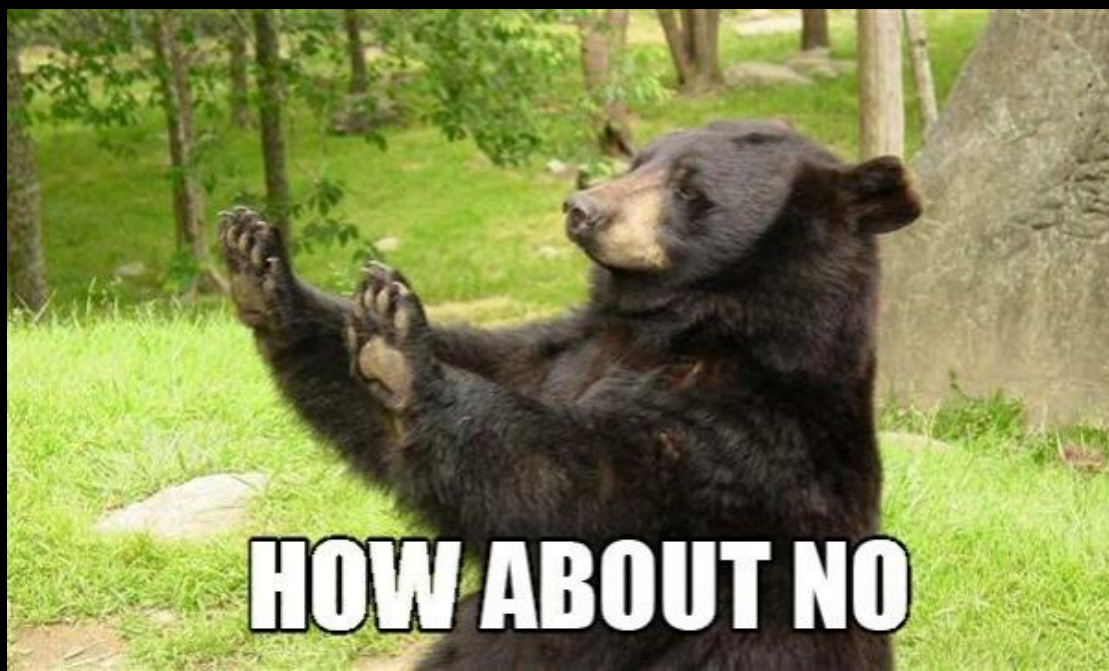
- Content types! Taxonomies! Blocks!

# Yay Drupal

- Content types! Taxonomies! Blocks!
- And to change where they appear, just write your own PHP MySQL queries!

# Yay Drupal

- Content types! Taxonomies! Blocks!
- And to change where they appear, just write your own PHP MySQL queries!







**no.**



**NOOOOOOOOOOO!**

ks!  
write



**HOW ABOUT NO**



**Do not want.**

# Views are Super Awesome

- The Views module codes so you don't have to.

# Views are Super Awesome: News Feeds



- Welcome
- Sundays
- Connect + Learn
- Go + Serve
- News

explore  
God  
Explore God Sermon Series

Westerly Road is now Stone Hill Church of Princeton!

CROWN MONEY MAP  
Sign up for the Crown Financial Seminar

Women's DAYTreat

## Announcements

### Featured Events

- ▶ Crown Financial Seminar
- ▶ Youth Group Super Bowl Party
- ▶ Middle School Winter Retreat!
- ▶ Stone Hill Arts Series

### General Interest

- ▶ Meet the New Website

## The Week Ahead



View calendar »

### Pastor to People for Sunday, Jan. 26

- ▶ Explore God, Question #2: Is There A God?

### Wednesday, Jan. 29

- ▶ AWANA
- ▶ Explore God Discussion Group (Adult)
- ▶ Explore God Discussion Group (Grad Students)

### Saturday, Feb. 1

# Views are Super Awesome: Staff Bios

 Search

- Welcome
- Sundays
- Connect + Learn
- Go + Serve
- News

- Welcome
- Our History
- Our Beliefs
- Staff + Leadership**
- Directions
- Contact us

## Staff + Leadership

### Pastors



[Matt Ristuccia](#)  
*Senior Pastor*



[Tracy Troxel](#)  
*Pastor of Congregational Care*

### Directors & Administrators



[Bobby Tunstall](#)  
*Pastor of Youth and Family Discipleship*



[Carine Toussaint](#)  
*Director of Global Outreach*

# Views are Super Awesome: Calendars

 Search

- Welcome
- Sundays
- Connect + Learn
- Go + Serve
- News

- News
- Events
- Calendar
- Subscribe to Updates
- Relocation Information
- Archive

See also:  
» Pastor to People  
» Sermon Archive

## Calendar

January 2014

- Today
- Month
- Week
- Day

Sun	Mon	Tue	Wed	Thu	Fri	Sat
29	30	31	1	2	3	4
		No Women's Bible Study	New Years: Office Closed			Men's Focus Artist Breakfast The Center for Marketplace Advancement
5	6	7	8	9	10	11
Communion: 9:30 & 11:00 am		SHLC Classes Resume	AWANA AWANA restarts	Elder's Meeting		Men's Focus
12	13	14	15	16	17	18
Isaiah Class Public Opening Lunch	Haiti Spring Break Trip Application Deadline (1/13)	Women's Bible Study	AWANA			

# Views are Super Awesome: Podcasts

The image shows a screenshot of an iTunes interface. At the top, a music player is active, showing the track "Te Deum" by Arvo Pärt, with a progress bar at 0:15 and a total duration of -28:40. Below the player, navigation tabs include "Unplayed", "My Podcasts", "My Stations", and "List". The "My Podcasts" tab is selected, displaying a list of podcasts. The first podcast is "Stone Hill Church of Princeton Sermon Archive", which has 12 new episodes and is subscribed to. The podcast's logo is a stylized green and blue emblem. Below the podcast header, four episodes are listed:

- Sunday**  
35 minutes  
**Explore God, Question #2: Is There A God?**  
*No Description Available*
- Sunday**  
32 minutes  
**Does Life Have a Purpose?**  
Explore God
- Sunday, Jan 19, 2014**  
33 minutes  
**Stone Hill Church's Year "Verse" 2014**  
*No Description Available*
- Sunday, Jan 5, 2014**  
39 minutes  
**Jesus Christ Our Sure Hope**  
*No Description Available*





A red hand-drawn line circles the podcast list area, starting from the top left of the list and ending at the bottom right, highlighting the content below the podcast header.

# Views are Super Awesome

- Which is all to say: if the data is in the database, a site builder can use Views as a quick and dirty GUI for writing MySQL queries...

# Views are Super Awesome

- ...because Drupal does not have a “pages.” It has a database. Of data.

	title	body	kittens
node1	lorem ipsum	Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod.	
node2	lorem ipsum	Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod.	
node3	lorem ipsum	Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod.	
node4	lorem ipsum	Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod.	
node5	lorem ipsum	Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod.	
node6	lorem ipsum	Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod.	
node7	lorem ipsum	Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod.	
node8	lorem ipsum	Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod.	



# Meet The Views Interface

To write a View, we'll need to pick:

1. **FILTERS:** 'News' content type
2. **FORMAT:** List
3. **SORT order:** Newest to oldest
4. **FIELDS:** Title

# Meet The Views Interface

Views

LIST

SETTINGS

Home » Administration » Structure

[+ Add new view](#) [+ Add view from template](#) [+ Import](#)

VIEW NAME	DESCRIPTION	TAG	PATH	OPERATIONS
<b>add sermon for bulletin</b> Display: <i>Page</i> In database Type: Content		default	<a href="#">/upload</a>	<a href="#">Edit</a> ▼
<b>Archive</b> Display: <i>Page</i> In database Type: Content		default	<a href="#">/news/archive</a>	<a href="#">Edit</a> ▼
<b>autocomplete-nodes</b> Display: <i>Page</i> Database overriding code Type: Content		default	<a href="#">/autocomplete-nodes</a>	<a href="#">Edit</a> ▼
<b>autocomplete-users</b> Display: <i>Page</i> In code Type: User		default	<a href="#">/autocomplete-users</a>	<a href="#">Edit</a> ▼

# Meet The Views Interface

The screenshot displays the Drupal Views administration interface. At the top left, there is a breadcrumb trail: Home » Administration » Structure. Below this, a prominent blue button with a plus sign and the text "Add new view" is highlighted. To its right is a "+ Import" link. The main content area is a table with the following columns: VIEW NAME, DESCRIPTION, TAG, PATH, and OPERATIONS. The table lists several views, including "add sermon for bulletin", "Archive", "autocomplete-nodes", and "autocomplete-users". Each view entry includes its display type (e.g., Page, Content, User), whether it is in the database or code, and its path. The "OPERATIONS" column for the first view shows an "Edit" button with a dropdown arrow. This dropdown menu is expanded, showing a list of actions: Edit, Disable, Delete, Clone, and Export.

VIEW NAME	DESCRIPTION	TAG	PATH	OPERATIONS
<b>add sermon for bulletin</b> Display: <i>Page</i> In database Type: Content		default	/upload	Edit ▾
<b>Archive</b> Display: <i>Page</i> In database Type: Content		default	/news/archive	
<b>autocomplete-nodes</b> Display: <i>Page</i> Database overriding code Type: Content		default	/autocomplete-nodes	
<b>autocomplete-users</b> Display: <i>Page</i> In code Type: User		default	/autocomplete-users	

## Add new view ⊕

LIST

SETTINGS

View name \*

Description

Show  of type  tagged with  sorted by

Create a page

Page title

Path

http://stonehill.localhost:8082/

Display format

of

Items to display

Use a pager

Create a menu link

Include an RSS feed

Create a block

Save & exit

Continue & edit

Cancel

## Add new view +

LIST

SETTINGS

View name \*

Description

Show  of type  tagged with  sorted by

Create a page

Page title

Path

http://stonehill.localhost:8082/

Display format

of

Items to display

Use a pager

Create a menu link

Include an RSS feed

Create a block

Save & exit

Continue & edit

Cancel

## Add new view +

LIST

SETTINGS

View name \*

Description

### Create a page

Page title

Path

http://stonehill.localhost:8082/

Display format

Unformatted list



of

teasers



with links (allow users to add comments, etc.)



without comments



Items to display

10

Use a pager

Create a menu link

Include an RSS feed

Create a block

Save & exit

Continue & edit

Cancel

## Add new view +

LIST

SETTINGS

View name \*

Description

Show  of type  tagged with  sorted by

### Create a block

Block title

Display format

of

Items per page

Use a pager

Save & exit

Continue & edit

Cancel

## Add new view

LIST

SETTINGS

View name \*

Description

Show  of type  tagged with  sorted by

Create a page

Page title

Path

http://stonehill.localhost:8082/

Display format

of

Items to display

Use a pager

Create a menu link

Include an RSS feed

Create a block

Save & exit

Continue & edit

Cancel



# Meet the Views Interface: List Format

- “HTML lists”
- have
- `<ul><li>`

“Unformatted lists”  
have  
`<div><span>`



Elder

Pete and his wife Jackie have attended WRC since 1978 where Jackie is known to many for her work with the young children and Pete has served variously as elder, SS teacher, and Christian home, Pete struggled in college over issues of faith. His struggles took him at one point to the book of Romans which opened up to him a new way to look at life. As a medical studies in pediatrics and internal medicine, with fellowship training in adolescent medicine. After serving in the military, the Johnsen's came to Princeton in 1978. Pete and Jackie were missionaries in West Africa. Pete currently works at Princeton University where he is the Director of Medical Services.

**Matt Ristuccia**



Senior Pastor

If you listen closely to Pastor Matt's accent, you can tell that he grew up in the Boston area: every once in awhile his "R's" disappear. During his freshman year at Princeton University around the same time that Matt met another Princeton student who would one day become his wife. In 1977, Matt and Karen were married, right here at Westerly Road. In 1975, Matt completed his doctoral studies at Dallas Seminary (Texas). In 1985, after seven years of ministry with the PEF, Matt became the Senior Pastor of WRC. He and Karen have been blessed with three children.

As Senior Pastor, Matt provides the overall leadership for the church. Working with the elders, he sets vision, oversees the staff, preaches and teaches, shepherds, cares and prays for the people. His own experience when he became a Christian, and to be part of this miracle is the heart of God's call for him. His hobbies include Tae Kwon Do, watching birds, writing, playing guitar, and reading.

**Mary McCormack**



Director of Women's and Children's Ministries

Mary grew up in New York State and gave her life to Christ when she was 16 years old. She received her B.A. at Gordon College, a Christian college north of Boston. She worked for Bruce, in a Greek class. They got married in 1980 after they both finished their M.Div. degrees, and then moved to Princeton for Bruce to begin his Ph.D. at the Seminary. Since then she has begun teaching in 1986, and Caty and John were born while they lived in Scotland. They returned to Princeton in 1991, when Bruce began teaching at the Seminary. Slowly, her heart has been drawn to women's ministries. Her position here at Westerly Road is something she loves.

# Meet the Views Interface: Table Format

“Table” gives you an HTML table -- optionally with fields as sortable columns.



Tracy Troxel
Sierra McCloud
Seth Henrie
Rick Peterson
Richard Kantzer
Rachel Reiss
Pete Johnsen
Matt Ristuccia
Mary McCormack
John Beeson

# Meet the Views Interface: Grid Format

“Grid” gives you divs with breaks after set numbers of cells.

*For responsive designs, consider styling a list instead...*

**Jeff Johnson**



Elder

Jeff grew up in Lubbock, TX, where he committed his life to Jesus at an early age. He and his wife Erica met in the church orchestra, and were high school sweethearts. Jeff studied for his B.A. at Baylor University in Waco, majoring in Classics. Jeff and Erica married and went to England, where he studied Classics at the University of Durham. After Durham, they came to Princeton in 1999, where Jeff was pursuing graduate studies in Classics with a focus on Cicero and ancient rhetoric. Quickly after arriving, Jeff and Erica discovered Westery and began attending. In God's providence, Jeff left academia in 2004 and now works in a national role at Deloitte. At Westery, Jeff has led a Greek NT Bible study, taught 4th-6th grade Sunday School, led a small group with Erica in their home and, most recently, assisted with leadership of Men's Ministry. Jeff and Erica's son Owen was born in 2002, and daughter Emily in 2005. His hobbies include early music, swimming, following current events, and reading newspapers and journals.

**Herb Marshall**



Facilities Administrator

When Herb Marshall was growing up in Bristol, Connecticut, he never imagined all the places God would take him. In 1966 he joined the U.S. Air Force and began his journey. He met his wife Sharon in 1972 in Tampa, Florida, where she was strumming a guitar and singing. Herb and Sharon married, and were stationed in England. While in England, Herb understood the gospel for the first time, and gave his life entirely to Christ. Shortly after, Sharon did the same, and both experienced a radical transformation. Herb's life-work follows a pattern in fixing and maintaining things. In the Air Force, he headed a flight line charged with the maintenance of fighter jets. So it was natural that when Herb retired from the Air Force in Lubbock, TX, he took a job at a nondenominational church overseeing grounds and facilities. After 11 years, Herb moved to a position in nearby Plainview, co-managing with Sharon a pizza restaurant. Herb and Sharon sought to minister joy and good news to their employer, employees, and to each customer. Plainview is where Herb and his family lived most recently before joining Westery as Administrator of Facilities. Herb and Sharon have three grown kids and one teenager. Herb's hobbies include photography, reading, walking and playing with his grandchildren, Owen and Emily Johnson.

**Evan Leister**



High School

Evan hails from Minneapolis, Minnesota and is now working towards a masters degree in environmental engineering from Princeton University. He was the president of the undergraduate group through the Maclaurin Institute which held discussions about the intersection of Christian Faith and Academics.

**Emily Pritt**



Middle School

Emily grew up in Maryland with her five siblings. Now she is a sophomore, studying psychology at Princeton University. Her favorite part of Princeton is being a part of Manna Christian Fellowship. Her favorite bible verses are Isaiah 43:1-7.

**Elizabeth Bruno**



Office Assistant

I am so thrilled to officially be a part of the Stone Hill family and look forward to getting to know everyone in the months to come! I grew up attending Windsor Chapel in Princeton Junction, a church that was started back in the 1970s through the vision and effort of Stone Hill (at that time, Westery Road). During those years at Windsor Chapel I was involved in youth group in middle and high school. I also actively participated on the worship team and led music in Vacation Bible School. My undergraduate degree is from Eastern University where I studied Communications with a concentration in Mass Media. Although I am new to this job, I am not new to Stone Hill. My parents met at a membership class in the church back in 1974. I wouldn't be here if it weren't for Westery/Stone Hill. And I still have family who are members at Westery, including my grandparents, Ed and Marge Nyce. So shout out to the NYCE-ext family in the world! :)

**Debbie Monn**



Finance Administrator

Debbie was born in Milwaukee Wisconsin and later moved to Painted Post NY, a small town in Upstate New York. She met her husband in Princeton and has lived here for the past 19 years.

**Christina Keddie**

Executive Associate to the Senior Pastor

**Chris Sallade**



Elder

The Lord used the persistent testimony of a few high school friends to bring Chris to the place where he understood and believed the gospel at the age of 17. Months later, Chris was an undergraduate student at Princeton and attended Westery Road Church. After graduating in 1994, he moved to Oklahoma City where he was an algebra teacher and coach. He enjoyed working with students, but after teaching for 6 years he began to sense a call into full-time vocational ministry. So in 2000 he and his wife Danielle attended Trinity Evangelical Divinity School where they both earned Master of Divinity degrees. In 2002, both Chris and Danielle returned to Princeton to serve as campus ministers with the Princeton Evangelical Fellowship (PEF). They have been serving with PEF for the last 11 years in addition to attending and serving in Westery Road Church. They have 3 children: Lydia (9), Jeremy (8), and Laura (5).

**Carine Toussaint**

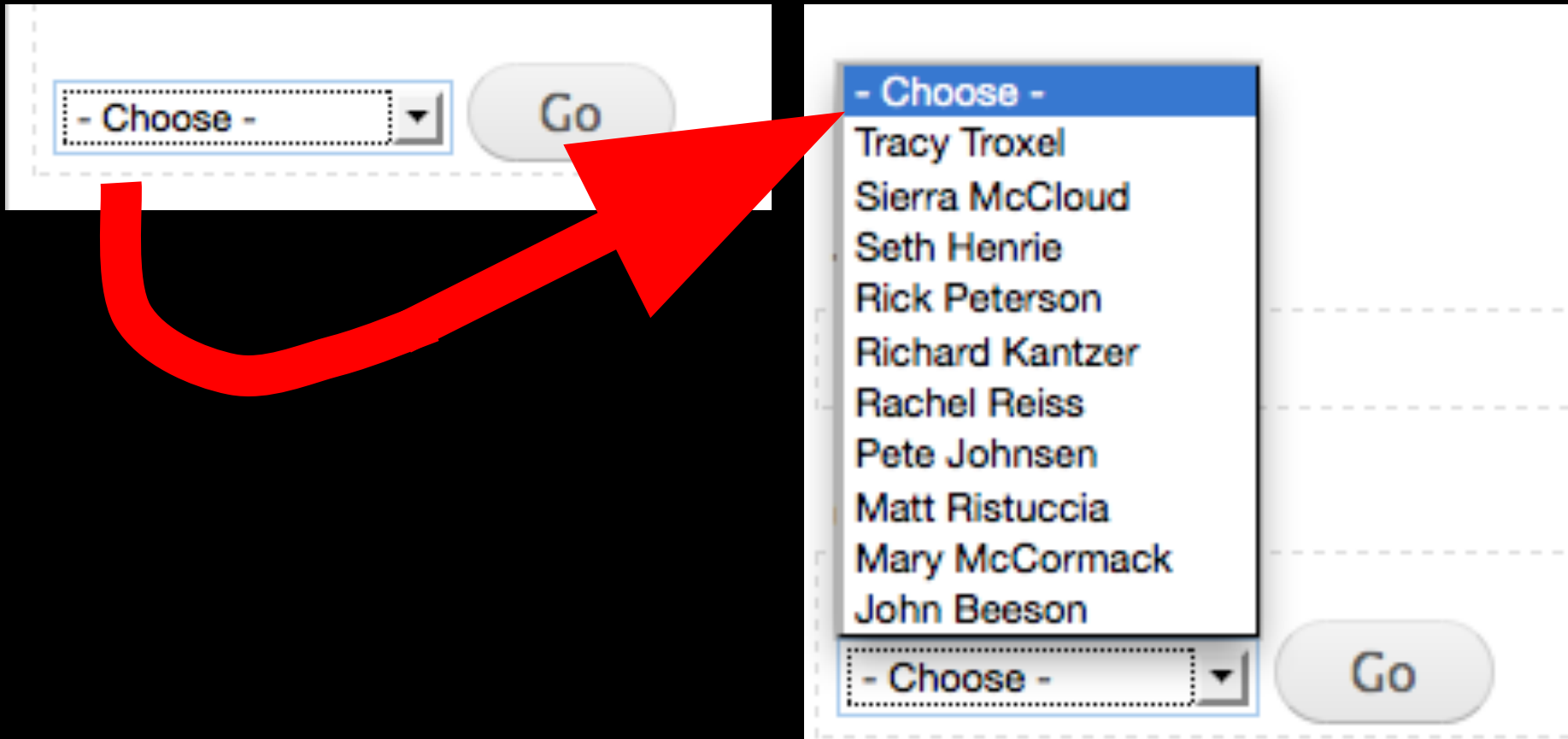


**Brian Dorini**



# Meet the Views Interface: Jump Menu

Jump Menu gives you a drop-down list.



Modify the display(s) of your view below or add new displays.

## Displays

Page Attachment + Add

edit view name/description ▾

### ▾ Page details

Display name: Page

view Page ▾

#### TITLE

Title: Youth Staff

#### FORMAT

Format: Unformatted list | Settings

Show: Fields | Settings

#### FIELDS Add ▾

Content: Title

Content: Edit link

Content: Staff photo

Content: Position (title)

Content: Body

#### FILTER CRITERIA Add ▾

Content: Published (Yes)

Content: Type (= Staff member)

Content: Has taxonomy term (= Unashamed Staff) | Settings

Content: Position (title) (!has pastor)

#### SORT CRITERIA Add ▾

Content: Title (asc)

#### PAGE SETTINGS

Path: /connect/youth/staff

Menu: Normal: Our Staff

Access: Permission | View published content

#### HEADER Add

#### FOOTER Add

#### PAGER

Use pager: Display all items | All items

More link: No

### ▾ Advanced

#### CONTEXTUAL FILTERS Add

#### RELATIONSHIPS Add

#### NO RESULTS BEHAVIOR Add

#### EXPOSED FORM

Exposed form in block: No

Exposed form style: Basic | Settings

#### OTHER

Machine Name: page

Comment: No comment

Use AJAX: No

Hide attachments in summary: No

Hide contextual links: No

Use aggregation: No

Query settings: Settings

Field Language: Current user's language

Caching: None

CSS class: None

Theme: Information

# Meet the Views Interface

## TITLE

Title: [demotest](#)

## FORMAT

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

Show: [Content](#) | [Full content](#)

## FIELDS

The selected style or row format does not utilize fields.

## FILTER CRITERIA

[Add](#) ▾

Content: [Published \(Yes\)](#)

Content: [Type \(= Staff member\)](#)

## SORT CRITERIA

[Add](#) ▾

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

## PAGE SETTINGS

Path: [/demotest](#)

Menu: [No menu](#)

Access: [Permission](#) | [View publish](#)

## HEADER

## FOOTER

## PAGER

Use pager: [Full](#) | [Paged, 10 items](#)

More link: [No](#)

# Meet the Views Interface

## TITLE

Title: [demotest](#)

## FORMAT

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

Show: [Content](#) | [Full content](#)

## FIELDS

The selected style or row format does not utilize fields.

## FILTER CRITERIA

[Add](#) | ▼

Content: [Published \(Yes\)](#)

Content: [Type \(= Staff member\)](#)

## SORT CRITERIA

[Add](#) | ▼

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

## PAGE SETTINGS

Path: [/demotest](#)

Menu: [No menu](#)

Access: [Permission](#) | [View publish](#)

## HEADER

## FOOTER

## PAGER

Use pager: [Full](#) | [Paged, 10 items](#)

More link: [No](#)

# Meet the Views Interface: Format

## Page details

Display name: Page

## TITLE

Title: demotest

## FORMAT

Format: Unformatted list | S

Show: Content | Full conten

## FIELDS

The selected style or row form  
fields.

## FILTER CRITERIA

Content: Published (Yes)

Content: Type (= Staff member)

## SORT CRITERIA

### Page: How should each row in this view be styled

For

- Content
- Fields
- Rendered entity

You may also adjust the [settings](#) for the currently selected row style.

Apply (all displays)

Cancel



# Meet the Views Interface: Format

## TITLE

Title: [demotest](#)

## FORMAT

Format: [Jump menu](#) | [Settings](#)

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

## FIELDS

[Add](#) | ▼

Content: [Title](#)

## FILTER CRITERIA

[Add](#) | ▼

Content: [Published \(Yes\)](#)

Content: [Type \(= Staff member\)](#)

## SORT CRITERIA

[Add](#) | ▼

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

## PAGE SETTINGS

Path: [/demotest](#)

Menu: [No menu](#)

Access: [Permission](#) | [View pu](#)

## HEADER

## FOOTER

## PAGER


Use pager: [Full](#) | [Paged, 10 i](#)

More link: [No](#)

# Meet the Views Interface: Add Field

Block emergency alerts (Content) ⊕

Home » Administration » Structure

 \* All changes are

Modify the display(s) of y

## Displays

**Block** Block +

### Block details

Display name: Block

#### TITLE

Title: Block front page s

#### FORMAT

Format: Unformatted lis

Show: Fields | Settings

#### FIELDS

Content: Title

Content: Edit link

#### FILTER CRITERIA

## Add fields

For All displays

Search

Filter - All -

- Content: (Meta)Description  
Appears in: node:article, node:page, node:bulletin, node:event, node:feature\_box, node:missionary, node:media, node:small\_group, node:staff. Also known as: Content: Description metatag for search engines, Content: (Meta)Description.
- Content: Description metatag for search engines  
This is an alias of Content: (Meta)Description.
- Content: Above-form teaser  
Appears in: node:webform.
- Content: Add comment link  
Display the standard add comment link used on regular nodes, which will only display if the viewing user has access to add a comment.
- Content: Affiliation  
Appears in: node:missionary.
- Content: All taxonomy terms  
Display all taxonomy terms associated with a node from specified vocabularies.
- Content: Approximate meeting time  
Appears in: node:small\_group.
- Content: Author uid  
The user authoring the content. If you need more fields than the uid add the content: author relationship
- Content: Body  
Appears in: node:page, node:article, node:feature\_box, node:event, node:media, node:missionary, node:small\_group, node:staff, node:bulletin, node:webform. Also known as: Content: Body, Content: One-sentence summary that will show in

# Garbage in, Garbage Out

**Title:** John Smith

**Body:** *Director of Smithing*

555-1234 • jsmith@fakemail.com

John Smith is the lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

# Garbage in, Garbage Out

Now what do after you have a zillion pages, when the designer asks you to put the contact information **AFTER** the body paragraph?

# Garbage in, Garbage Out

Now what do after you have a zillion pages, when the designer asks you to put the contact information **AFTER** the body paragraph?



# Garbage in, Garbage Out

**Name:** John Smith

**Position:** Director of Smithing

**Phone:** (555) 555-1234

**Email:** jsmith@fakemail.com

**Body:** John Smith is the lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

# Garbage in, Garbage Out

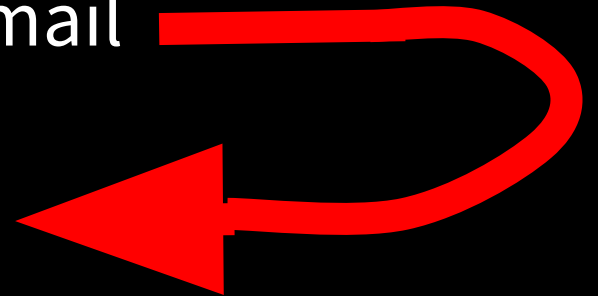
**THIS TAKES 30 SECONDS**

**Name**

*Position*

Phone • Email

Body



# Garbage in, Garbage Out #2

**Title:** John Smith

**Team:** Smithing

**Title:** Jane Doe

**Team:** Smelting

**Title:** John Doe

**Team:** Smithies and Smelting



## Garbage in, Garbage Out #2

“Hey Web Developer, can I have a page that only shows people on my team? Sorry about all the typos in the database, by the way”

## Garbage in, Garbage Out #2

“Hey Web Developer, can I have a page that only shows people on my team? Sorry about all the typos in the database, by the way”

Text field = ***BAD***

Taxonomy field (or Entity Reference) = **Good**


# Garbage in, Garbage Out: Some Questions

- Should this be content or a user?
- Would a more precise field type help me?
  - Numeric?
  - Link?
  - Taxonomy term?
  - Email? (Module)
  - Date? (Module)
- Should this data even be in this node?
  - Entity reference module to associate nodes

# Meet the Views Interface: Add Field

Block emergency alerts (Content) ⊕

Home » Administration » Structure

 \* All changes are

Modify the display(s) of y

## Displays

**Block** Block +

### Block details

Display name: Block

#### TITLE

Title: Block front page s

#### FORMAT

Format: Unformatted lis

Show: Fields | Settings

#### FIELDS

Content: Title

Content: Edit link

#### FILTER CRITERIA

## Add fields

For All displays

Search

Filter - All -

- Content: (Meta)Description  
Appears in: node:article, node:page, node:bulletin, node:event, node:feature\_box, node:missionary, node:media, node:small\_group, node:staff. Also known as: Content: Description metatag for search engines, Content: (Meta)Description.
- Content: Description metatag for search engines  
This is an alias of Content: (Meta)Description.
- Content: Above-form teaser  
Appears in: node:webform.
- Content: Add comment link  
Display the standard add comment link used on regular nodes, which will only display if the viewing user has access to add a comment.
- Content: Affiliation  
Appears in: node:missionary.
- Content: All taxonomy terms  
Display all taxonomy terms associated with a node from specified vocabularies.
- Content: Approximate meeting time  
Appears in: node:small\_group.
- Content: Author uid  
The user authoring the content. If you need more fields than the uid add the content: author relationship
- Content: Body  
Appears in: node:page, node:article, node:feature\_box, node:event, node:media, node:missionary, node:small\_group, node:staff, node:bulletin, node:webform. Also known as: Content: Body, Content: One-sentence summary that will show in

# Meet the Views Interface: Edit Field

### Configure field: Content: Title ✕

For

The content title.

- Create a label  
Enable to create a label for this field.
- Exclude from display  
Enable to load this field as hidden. Often used to group fields, or to use as token in another field.
- Link this field to the original piece of content  
Enable to override this field's links.

▶ **STYLE SETTINGS**

▶ **NO RESULTS BEHAVIOR**

▶ **REWRITE RESULTS**

▶ **MORE**

# Meet the Views Interface: Edit Field

## Configure field: Content: Title

For

The content title.

### ▼ STYLE SETTINGS

Customize field HTML

#### HTML element

Choose the HTML element to wrap around this field, e.g. H1, H2, etc.

Create a CSS class

#### CSS class

You may use token substitutions from the rewriting section in this class.

Customize label HTML

Customize field and label wrapper HTML

Add default classes

Use default Views classes to identify the field, field label and field content.

Apply (all displays)

Cancel

Remove

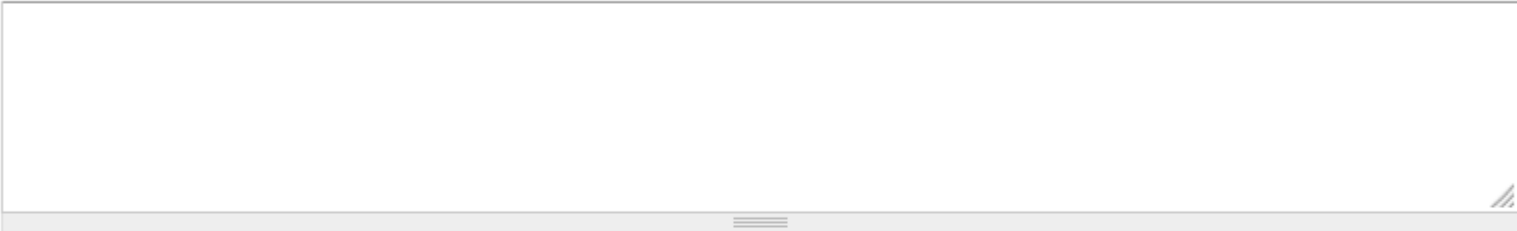
# Meet the Views Interface: Edit Field

Configure field: Content: Title

For All displays

▼ **NO RESULTS BEHAVIOR**

**No results text**



Provide text to display if this field contains an empty result. You may include HTML. You may enter data from this view as per the "Replacement patterns" in the "Rewrite Results" section below.

- Count the number 0 as empty**  
Enable to display the "no results text" if the field contains the number 0.
- Hide if empty**  
Enable to hide this field if it is empty. Note that the field label or rewritten output may still be displayed. To hide labels, check the style or row style settings for empty fields. To hide rewritten content, check the "Hide rewriting if empty" checkbox.
- Hide rewriting if empty**  
Do not display rewritten content if this field is empty.

Apply (all displays) Cancel Remove

# Meet the Views Interface: Edit Field

Configure field: Content: Title

## ▼ REWRITE RESULTS

Rewrite the output of this field

Enable to override the output of this field with custom text or replacement tokens.

### Text

This is my [title]. And this is some <a href="http://zombo.com">HTML</a>

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

Output this field as a link

If checked, this field will be made into a link. The destination must be given below.

## ▼ REPLACEMENT PATTERNS

The following 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. If you would like to have the characters '[' and ']' please use the html entity codes '%5B' or '%5D' or they will get replaced with empty space.

- [title] == Content: Title

Apply (all displays)

Cancel

Remove



# Meet the Views Interface: Edit Field

### Configure field: Content: Title ✕

For

The content title.

- Create a label  
Enable to create a label for this field.
- Exclude from display  
Enable to load this field as hidden. Often used to group fields, or to use as token in another field.
- Link this field to the original piece of content  
Enable to override this field's links.

▶ **STYLE SETTINGS**

▶ **NO RESULTS BEHAVIOR**

▶ **REWRITE RESULTS**

▶ **MORE**

# Meet the Views Interface: Column 2

<b>TITLE</b>	
Title: <a href="#">demotest</a>	
<b>FORMAT</b>	
Format: <a href="#">Jump menu</a>   <a href="#">Settings</a>	
Show: <a href="#">Fields</a>   <a href="#">Settings</a>	
<b>FIELDS</b>	<a href="#">Add</a> ▾
Content: <a href="#">Title</a>	
<b>FILTER CRITERIA</b>	<a href="#">Add</a> ▾
Content: <a href="#">Published (Yes)</a>	
Content: <a href="#">Type (= Staff member)</a>	
<b>SORT CRITERIA</b>	<a href="#">Add</a> ▾
Content: <a href="#">Title (desc)</a>	

<b>PAGE SETTINGS</b>	
Path: <a href="#">/demotest</a>	
Menu: <a href="#">No menu</a>	
Access: <a href="#">Permission</a>   <a href="#">View published content</a>	
<b>HEADER</b>	<a href="#">Add</a>
<b>FOOTER</b>	<a href="#">Add</a>
<b>PAGER</b>	
Use pager: <a href="#">Full</a>   <a href="#">Paged, 10 items</a>	
More link: <a href="#">No</a>	

# Stretch!



# Vote!

What do we want to see?

1. News list
2. Staff directory
3. Replace a node's content with a view of itself
4. Calendar
5. Podcast

# Live Unscripted Demo Time



# Advanced Stuff: Contextual Filters

Contextual filters let you tweak your filters based on context...

Commonly used to customize how a node displays its fields (e.g., use a view AS part of the node's content display)

▼ [Advanced](#)

**CONTEXTUAL FILTERS** [Add](#)

**RELATIONSHIPS** [Add](#)

**NO RESULTS BEHAVIOR** [Add](#)

**EXPOSED FORM**

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

**OTHER**

Machine Name: [block](#)

Comment: [No comment](#)

Use AJAX: [No](#)

Hide attachments in summary: [No](#)

Hide contextual links: [No](#)

Use aggregation: [No](#)

Query settings: [Settings](#)

Field Language: [Current user's language](#)

Caching: [Content-based](#) | [Content cache](#)

Link display: [None](#)

CSS class: [None](#)

Theme: [Information](#)

Block caching: [Do not cache](#)

# Advanced Stuff: Contextual Filters

Displays

Block Block

Block details

Display name: Blo

TITLE

Title:

Block front page s

FORMAT

Format: Unformat

Show: Fields | Se

FIELDS

Content: Title

Content: Edit link

FILTER CRITERIA

Content: Publishe

Content: Type (=

Content: When sh

date (today)

Option

ne Block

Add

Add

Add

Settings

r: No

### Add contextual filters

For

Search  Filter

- Content: Nid  
The node ID.
- Content revision: Nid  
The revision NID of the content revision.
- Feeds item: Owner feed nid  
Argument on Feed Items by the Feed they were generated from using the Node Id of the Feed Node.
- Feeds log: Feed node id  
Argument on a Feeds Source's feed\_nid field.
- Feeds source: Feed node id  
Argument on a Feeds Source's feed\_nid field.

**Selected:** Content: Nid

# Advanced Stuff: Contextual Filters

Home » Administration

Modify the display(s)

## Displays

Block\* Block

### Block details

Display name: Blo

### TITLE

Title:

Block front page s

### FORMAT

Format: Unformat

Show: Fields | Se

### FIELDS

Content: Title

Content: Edit link

### FILTER CRITERIA

Content: Publishe

Content: Type (=

## Configure contextual filter: Content: Nid

For All displays

The node ID.

This display does not have a source for contextual filters, so no contextual filter value will be available unless you select 'Provide default'.

### WHEN THE FILTER VALUE IS *NOT* AVAILABLE

- Display all results for the specified field
- Provide default value

EXCEPTIONS

#### Type

- Fixed value
- Content ID from URL
- Fixed value
- PHP Code
- Raw value from URL
- Taxonomy term ID from URL
- User ID from URL
- User ID from logged in user

- Display contents of "No results found"
- Display "Access Denied"

- 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* AVAILABLE OR A DEFAULT IS PROVIDED



# Advanced Stuff: Contextual Filters

 Search

- Welcome
- Sundays
- Connect + Learn
- Go + Serve
- News

Sundays

Worship Bulletins

Sermon Archive

Does Life Have a Purpose?

Classes

## Does Life Have a Purpose?

- View
- Edit
- Log

» Download MP3

**Topic:** [Explore God](#)  
**Speaker:** [Pastor Matt Ristuccia](#)  
**Date:** Sunday, Jan. 26



### About our Church

Worship services are at 9:30 and 11 a.m.  
[Get directions](#) • [View this week's bulletin](#)  
[Learn what we believe](#) • [Meet our staff](#)

### Contact us

1025 Bunn Drive, Princeton, NJ 08540  
[info@stonehillprinceton.org](mailto:info@stonehillprinceton.org)  
(609) 924-3816

### Follow Us

[Announcements](#) • [Events](#)



# Advanced Stuff: Relationships

Relationships let you dive through a sibling...

So if you have a contextual filter to the current node, you could display titles of all nodes **with the same keywords** as the that node. Magic!

▼ Advanced

CONTEXTUAL FILTERS

Add

RELATIONSHIPS

Add

NO RESULTS BEHAVIOR

Add

EXPOSED FORM

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

OTHER

Machine Name: [block](#)

Comment: [No comment](#)

Use AJAX: [No](#)

Hide attachments in summary: [No](#)

Hide contextual links: [No](#)

Use aggregation: [No](#)

Query settings: [Settings](#)

Field Language: [Current user's language](#)

Caching: [Content-based](#) | [Content cache](#)

Link display: [None](#)

CSS class: [None](#)

Theme: [Information](#)

Block caching: [Do not cache](#)

# Advanced Stuff: No Results

“No Results Behavior”  
tells Drupal what to do  
with an empty view.

## ▼ Advanced

CONTEXTUAL FILTERS [Add](#)

RELATIONSHIPS [Add](#)

**NO RESULTS BEHAVIOR** [Add](#)

EXPOSED FORM

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

### OTHER

Machine Name: [block](#)

Comment: [No comment](#)

Use AJAX: [No](#)

Hide attachments in summary: [No](#)

Hide contextual links: [No](#)

Use aggregation: [No](#)

Query settings: [Settings](#)

Field Language: [Current user's language](#)

Caching: [Content-based](#) | [Content cache](#)

Link display: [None](#)

CSS class: [None](#)

Theme: [Information](#)

Block caching: [Do not cache](#)

# Advanced Stuff: Exposed Form

Lets you change the text of the submit button and expose things like sort order...

## ▼ Advanced

CONTEXTUAL FILTERS

[Add](#)

RELATIONSHIPS

[Add](#)

NO RESULTS BEHAVIOR

[Add](#)

**EXPOSED FORM**

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

## OTHER

Machine Name: [block](#)

Comment: [No comment](#)

Use AJAX: [No](#)

Hide attachments in summary: [No](#)

Hide contextual links: [No](#)

Use aggregation: [No](#)

Query settings: [Settings](#)

Field Language: [Current user's language](#)

Caching: [Content-based](#) | [Content cache](#)

Link display: [None](#)

CSS class: [None](#)

Theme: [Information](#)

Block caching: [Do not cache](#)

# Advanced Stuff: Use AJAX

AJAX with Views is...  
complicated.

Test it. You lose the ability  
to bookmark the query,  
and it can make exposed  
forms act unpredictably.

## ▼ Advanced

CONTEXTUAL FILTERS [Add](#)

RELATIONSHIPS [Add](#)

NO RESULTS BEHAVIOR [Add](#)

### EXPOSED FORM

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

### OTHER

Machine Name: [block](#)

Comment: [No comment](#)

Use AJAX: [No](#)

Hide attachments in summary: [No](#)

Hide contextual links: [No](#)

Use aggregation: [No](#)

Query settings: [Settings](#)

Field Language: [Current user's language](#)

Caching: [Content-based](#) | [Content cache](#)

Link display: [None](#)

CSS class: [None](#)

Theme: [Information](#)

Block caching: [Do not cache](#)

# Advanced Stuff: Use Aggregation

Aggregation lets you add up fields. So you could show the SUM of all the rows in the result instead of the individual value.

## ▼ Advanced

CONTEXTUAL FILTERS

Add

RELATIONSHIPS

Add

NO RESULTS BEHAVIOR

Add

EXPOSED FORM

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

OTHER

Machine Name: [block](#)

Comment: [No comment](#)

Use AJAX: [No](#)

Hide attachments in summary: [No](#)

Hide contextual links: [No](#)

Use aggregation: [No](#)

Query settings: [Settings](#)

Field Language: [Current user's language](#)

Caching: [Content-based](#) | [Content cache](#)

Link display: [None](#)

CSS class: [None](#)

Theme: [Information](#)

Block caching: [Do not cache](#)

# Advanced Stuff: Caching

Views comes with a basic time-based cache (hours).

Many helper modules offer other options, but small sites can ignore this...

“Views Content Cache” is my favorite...

## ▼ Advanced

CONTEXTUAL FILTERS

Add

RELATIONSHIPS

Add

NO RESULTS BEHAVIOR

Add

EXPOSED FORM

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

OTHER

Machine Name: [block](#)

Comment: [No comment](#)

Use AJAX: [No](#)

Hide attachments in summary: [No](#)

Hide contextual links: [No](#)

Use aggregation: [No](#)

Query settings: [Settings](#)

Field Language: [Current user's language](#)

Caching: [Content-based](#) | [Content cache](#)

Link display: [None](#)

CSS class: [None](#)

Theme: [Information](#)

Block caching: [Do not cache](#)

# Advanced Stuff: CSS Class

Give your view a custom class.

## ▼ Advanced

CONTEXTUAL FILTERS

Add

RELATIONSHIPS

Add

NO RESULTS BEHAVIOR

Add

EXPOSED FORM

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

OTHER

Machine Name: [block](#)

Comment: [No comment](#)

Use AJAX: [No](#)

Hide attachments in summary: [No](#)

Hide contextual links: [No](#)

Use aggregation: [No](#)

Query settings: [Settings](#)

Field Language: [Current user's language](#)

Caching: [Content-based](#) | [Content cache](#)

Link display: [None](#)

CSS class: [None](#)

Theme: [Information](#)

Block caching: [Do not cache](#)



# Advanced Stuff: Theme Information

This gives you PHP to copy and tweak in a TPL file to theme your view.

THAT IS ANOTHER TALK.

## ▼ Advanced

CONTEXTUAL FILTERS

Add

RELATIONSHIPS

Add

NO RESULTS BEHAVIOR

Add

EXPOSED FORM

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

OTHER

Machine Name: [block](#)

Comment: [No comment](#)

Use AJAX: [No](#)

Hide attachments in summary: [No](#)

Hide contextual links: [No](#)

Use aggregation: [No](#)

Query settings: [Settings](#)

Field Language: [Current user's language](#)

Caching: [Content-based](#) | [Content cache](#)

Link display: [None](#)

CSS class: [None](#)

Theme: [Information](#)

Block caching: [Do not cache](#)

# Viewing Your Friend's Nodes

A final note: the Feeds module lets you ingest an RSS feed and populate a content type with its contents.

Once you do that, you *can* write views against and view your friend's Nodes. Google “Drupal Feeds Module” to read all about it.

# More to Explore

**8,000+** D7 modules mention views. Some top ones are at:  
[drupal.org/documentation/modules/views/add-ons](http://drupal.org/documentation/modules/views/add-ons)

Some that saved my bacon on my last few projects:

- **Better Exposed Filters:** *expose checkboxes for multiselect*
- **Draggable Views:** *drag rows to rearrange*
- **Full Calendar:** *pretty calendars with draggable events*
- **Views Bulk Operations:** *batch edit content*
- **Views Field View:** *embed a view in another view*
- **File Field Podcaster:** *create feeds iTunes can parse*

I'm at [jjameson@princeton.edu](mailto:jjameson@princeton.edu). Ping me.