

Drupal basics

Where my projects went wrong

Michał Pękała

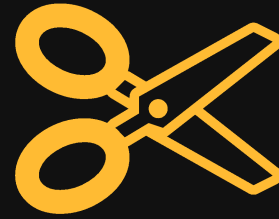
Drupal Camp Wrocław – 13-14 kwietnia 2013

Michał Pękała



doc**planner**.com
znany**lekarz**.pl

1



Why would I care?

Learn from my failures

Get alerted

Confront



Identify



Frame



Fill



Reduce



Identify

Problem

Tools

What's the problem?

What's the **real** problem?

We tend to “over-invent”



**Constraints foster
creativity.**

tumblr.



Aa

Text



Photo



Quote



Link



Chat



Audio



Video



Calendar Project

Type the subject of this message...

Bold

Italic

☰ Bullets

☰ Numbers

Quote

Type your message here...

📎 To attach files drag & drop here or [select files from your computer...](#)

- When I post this message, email it to all [21 people](#) on the project.
- Let me choose who should get an email...
- Don't email anyone, just post the message to Basecamp.

Post this message

1 sentence

1 important task



Reinvent?



Text Document



Drawing



Spreadsheet



Database



Presentation



Formula



Open... ▼



Templates...



<http://drupal.org/project/modules>

[Get Started](#) [Community](#) [Documentation](#) [Support](#) [Download & Extend](#) [Marketplace](#) [About](#)

Drupal™

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[Modules](#)

[Themes](#)

21323 Modules match your search

Modules categories:

Filter by compatibility:

Status:

Search Modules:

Sort by:

Extend and customize Drupal functionality with contributed modules. If a module doesn't quite do what you want it to do, if you find a bug or have a suggestion, then [join forces](#) and help the module maintainer. Or, share your own by [starting a new module](#).

New Modules

[Taxonomy Term Reference Tree Widget \(angel.h fork\)](#)

[Pingdom RUM](#)

[Entity Merge](#)

[Mozilla_OpenBadges_displayer](#)

[More New Modules](#)

Most installed

[Views](#)

[Token](#)

[Chaos tool suite \(ctools\)](#)

[Pathauto](#)

<http://drupal.org/project/themes>

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1688 Themes match your search

Filter by compatibility:

Status:

Search Themes:

Sort by:

Drupal Themes

[Theme guide v6](#)

[Theme guide v5](#)

[Troubleshooting themes](#)

IRC Channel, #drupal-themes on freenode.

Mailing list, sign up [here](#).

More advanced themes are table-less, a good example of this is the core Garland theme or the [Tapestry](#) theme. For creating

“Good artists borrow,
great artists steal”

Pablo Picasso

Check how others do



commenting



shopping



bookmarking



Facebook integration

...

Is Drupal right for me, at all?

Yes, if multiple object types
(article, review, forum post, ...)

○ **Frame**

Make the task achievable

1 task

Do you remember?



Turn computer on

Good sites
are metaphors
of something real

allegro



So are good Drupal sites

Let's build a site

Directory of mobile apps!

What's an app?

The screenshot shows the Google Play Store page for the Google Maps app. At the top, there's a large banner with the Google Maps logo and the text "Google maps Never carry a paper map again." Below this, the app is listed as "Maps" by Google Inc., with a rating of 4.5 stars and over 2.4 million installations. The page is divided into several sections: "Overview" (selected), "User Reviews", "What's New", and "Permissions". The "Description" section highlights features like 3D buildings, voice-guided navigation, and live traffic. The "App Screenshots" section shows four images of the app in use. On the right, there's a sidebar with "About This App" details, including a rating of 4.5 stars, 2,461,090 reviews, and a download count of 100,000,000 - 500,000,000. The "My Review" section at the bottom shows a review from "A Google User" dated February 15, 2012.

Drupal calls them
fields

Title
Author
Description
Screenshots
Android versions
Update
Download count

There are various apps



Drupal calls them **nodes**

Applications

Books & Reference ›

Business ›

Comics ›

Communication ›

Education ›

Entertainment ›

Finance ›

Health & Fitness ›

Libraries & Demo ›

Lifestyle ›

Live Wallpaper ›

Media & Video ›

Medical ›

Music & Audio ›

News & Magazines ›

Personalization ›

Photography ›

Productivity ›

Shopping ›

Social ›

Sports ›

Tools ›

Transportation ›

Travel & Local ›

Weather ›

Widgets ›

Do you group apps?

These groups are
categories in Drupal

Do you group these groups?

Meet taxonomies

Games

[Arcade & Action >](#)

[Brain & Puzzle >](#)

[Cards & Casino >](#)

[Casual >](#)

[Live Wallpaper >](#)

[Racing >](#)

[Sports Games >](#)

[Widgets >](#)

Applications

[Books & Reference >](#)

[Business >](#)

[Comics >](#)

[Communication >](#)

[Education >](#)

[Entertainment >](#)

[Finance >](#)

Types of objects

App

Developer

Review

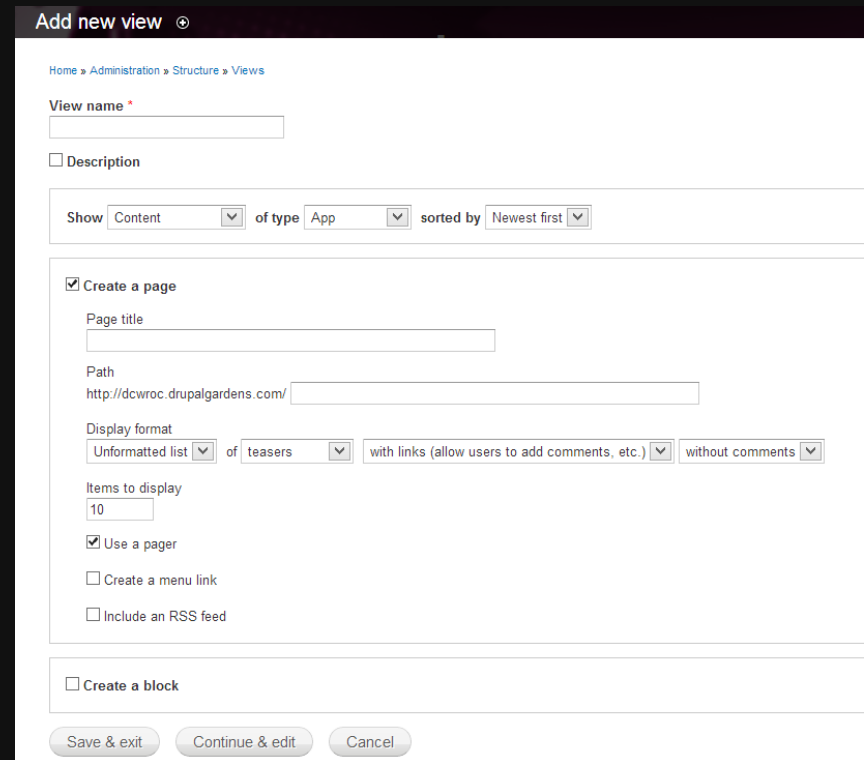
...

Call them content types

Let's put nodes, fields and taxonomies together!

List all apps – Views

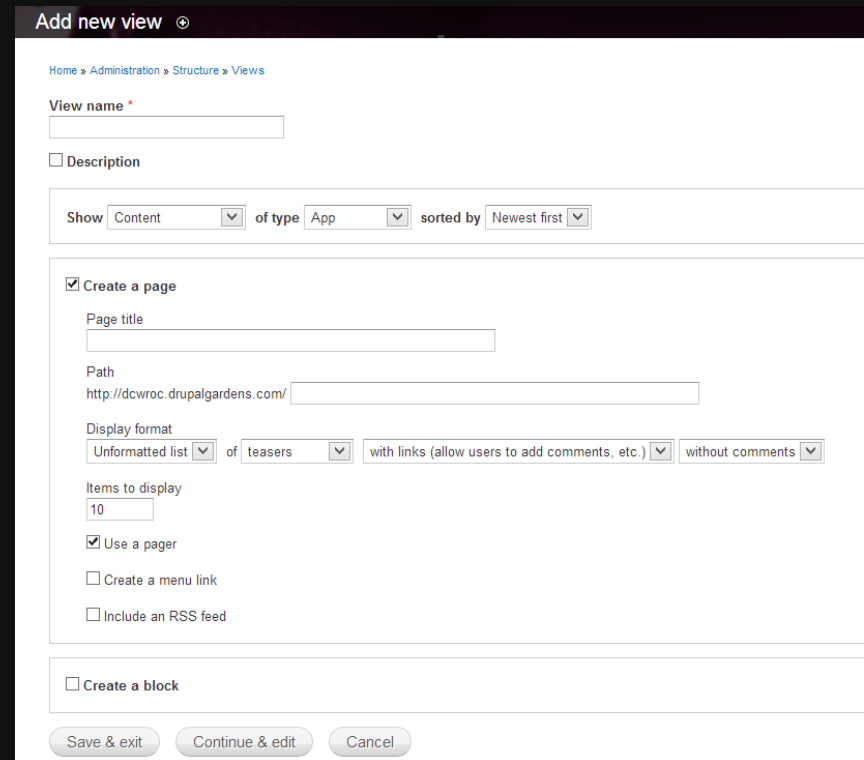
1. Create a view
2. Filter by content type: app



The screenshot shows the 'Add new view' form in Drupal. The breadcrumb trail is 'Home » Administration » Structure » Views'. The form includes a 'View name' field, a 'Description' checkbox, and a summary line: 'Show Content of type App sorted by Newest first'. The 'Create a page' section is checked and contains fields for 'Page title', 'Path' (pre-filled with 'http://dcwroc.drupalgardens.com/'), 'Display format' (set to 'Unformatted list'), 'Items to display' (set to '10'), and checkboxes for 'Use a pager', 'Create a menu link', and 'Include an RSS feed'. The 'Create a block' section is unchecked. At the bottom are buttons for 'Save & exit', 'Continue & edit', and 'Cancel'.

List recommended – Views

1. Create a view
2. Filter by content type:
app
3. Filter by taxonomy
term: recommended



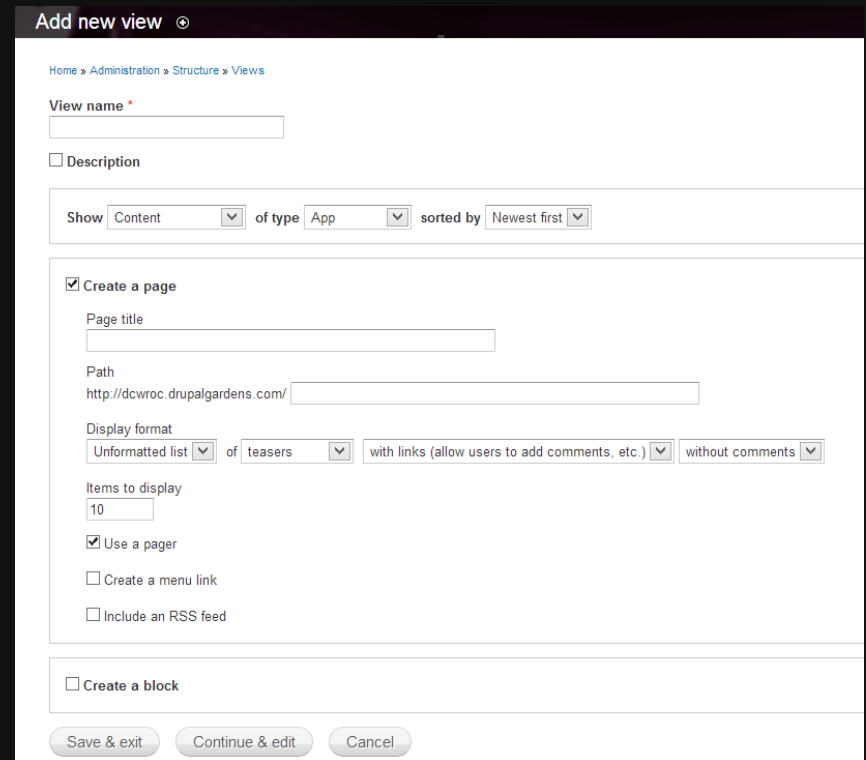
The screenshot shows the 'Add new view' form in Drupal. The form is titled 'Add new view' and has a breadcrumb trail: 'Home » Administration » Structure » Views'. The form fields are as follows:

- View name ***: A text input field.
- Description**: A checkbox labeled 'Description'.
- Show**: A dropdown menu set to 'Content'.
- of type**: A dropdown menu set to 'App'.
- sorted by**: A dropdown menu set to 'Newest first'.
- Create a page**: A checked checkbox.
- Page title**: A text input field.
- Path**: A text input field with the value 'http://dcwroc.drupalgardens.com/'.
- Display format**: A dropdown menu set to 'Unformatted list'.
- of**: A dropdown menu set to 'teasers'.
- with links (allow users to add comments, etc.)**: A dropdown menu set to 'with links (allow users to add comments, etc.)'.
- without comments**: A dropdown menu set to 'without comments'.
- Items to display**: A text input field with the value '10'.
- Use a pager**: A checked checkbox.
- Create a menu link**: An unchecked checkbox.
- Include an RSS feed**: An unchecked checkbox.
- Create a block**: An unchecked checkbox.

At the bottom of the form, there are three buttons: 'Save & exit', 'Continue & edit', and 'Cancel'.

List newest apps – Views

1. Create a view
2. Filter by content type: app
3. Filter by content post date: greater than “-1 week”
4. Order by content post date – descending



The screenshot shows the 'Add new view' form in Drupal. The form is titled 'Add new view' and has a breadcrumb trail: 'Home » Administration » Structure » Views'. The 'View name' field is empty. There is a checkbox for 'Description' which is unchecked. Below this, there are three dropdown menus: 'Show' set to 'Content', 'of type' set to 'App', and 'sorted by' set to 'Newest first'. The 'Create a page' section is checked and contains: 'Page title' (empty), 'Path' (http://dcwroc.drupalgardens.com/), 'Display format' (Unformatted list), 'of' (teasers), 'with links (allow users to add comments, etc.)' (checked), and 'without comments' (unchecked). 'Items to display' is set to 10. There are checkboxes for 'Use a pager' (checked), 'Create a menu link' (unchecked), and 'Include an RSS feed' (unchecked). The 'Create a block' section is unchecked. At the bottom, there are three buttons: 'Save & exit', 'Continue & edit', and 'Cancel'.

I haven't used any other modules
by now. Really.

Do what users do.

Even though the site may still
be messy and ugly.

● Fill

Fill in the gaps

Put user in the center



What else would she really need?

Set up your theme

[Zen](#)

[Omega](#)

[Bartik](#)

From scratch

Lists

Explore [Views](#)

Show selected nodes with
[Nodequeue](#)

Navigation & URLs

Build menus

Watch out for bells and whistles
of [Suckerfish](#)

Prettify URLs with [Pathauto](#)

Automation

Rules

Imagecache

Audio and video

Media

IMCE

Communication

PrivateMsg

Simplenews

Geo

Location

GMap

3rd party

[Drupal for Facebook](#)

[AddThis](#)

[Google Analytics](#)

“Sorry, Drupal does it this way”

**Don't let Drupal take over the project.
You're the boss!**

Reduce

Take half of the half

Follow guys from 37 Signals

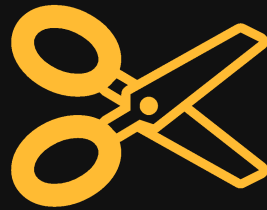
Reduce load times

Minify+combine JS+CSS

Sprites

Cache – [Boost](#), [Memcache](#)

Cut, cut, cut...



“We’ll use the module
next month”

Cut! 

“Our CEO loves
the ‘Who is logged in’ block”

Cut! 

“And if the user had
2 Facebook profiles?”

Cut! 

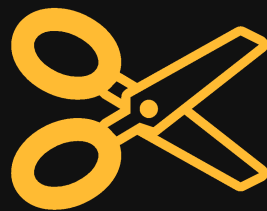
“They will love the guest book,
for sure.”

Cut! 

“We should add those
cool private messages!”

Cut! 

Maybe there's something more
you could



To make

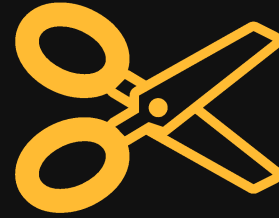


happy

And help them do

1 important task

1





Identify



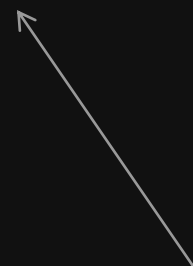
Frame



Fill



Reduce



Q Where to learn Drupal?



[Drupal Modules Tweets](#)

[Drupal Answers on Stackexchange](#)



Cheer up! You're not alone!



Other guys managed to set up their home sites on Drupal



That's it!

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