

Empowering Site Owners by Developing Custom Views Plugins

CMS Philly 2020

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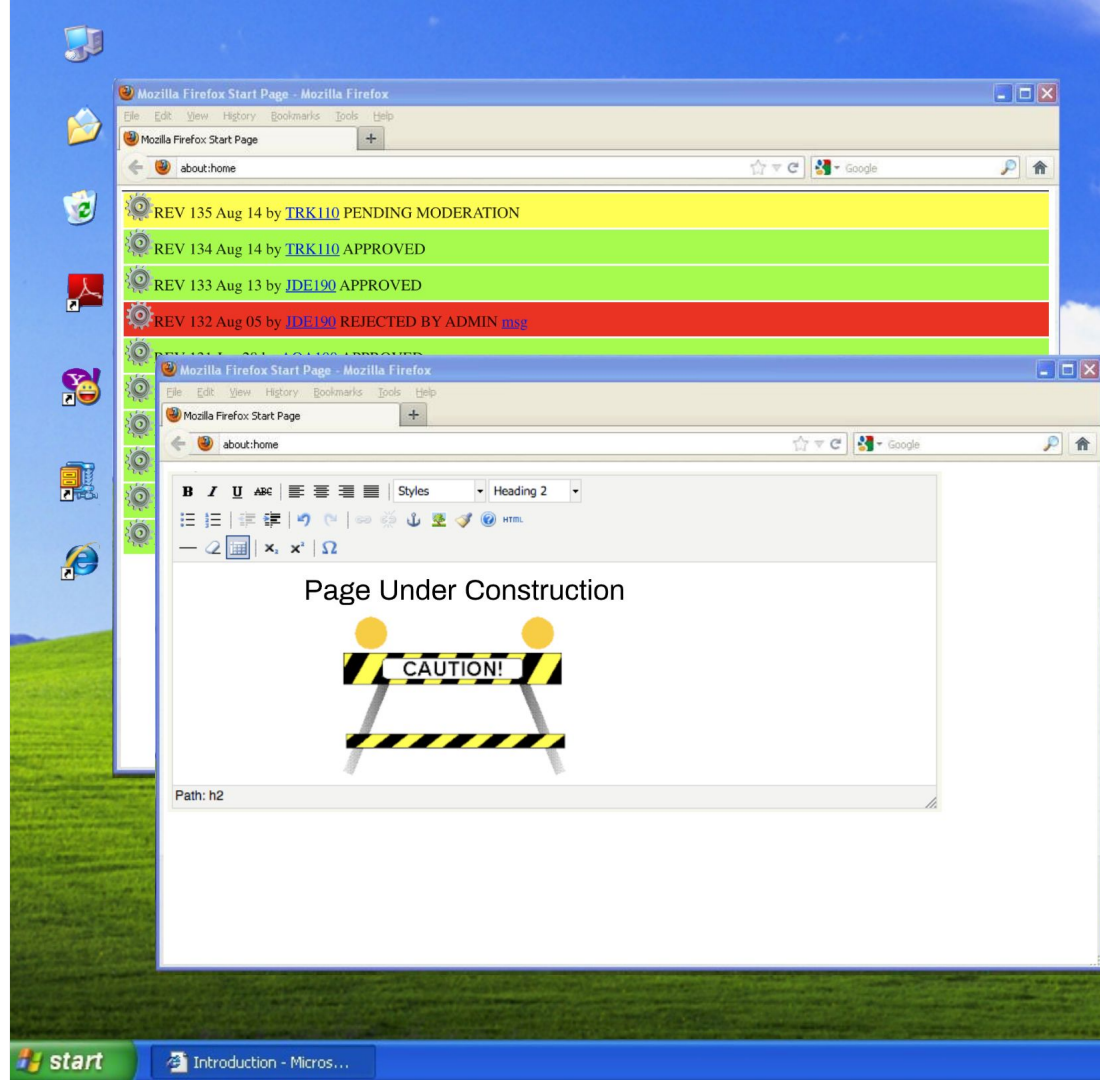


Ode to a Webmaster

The changing roles of IT in our digital channels

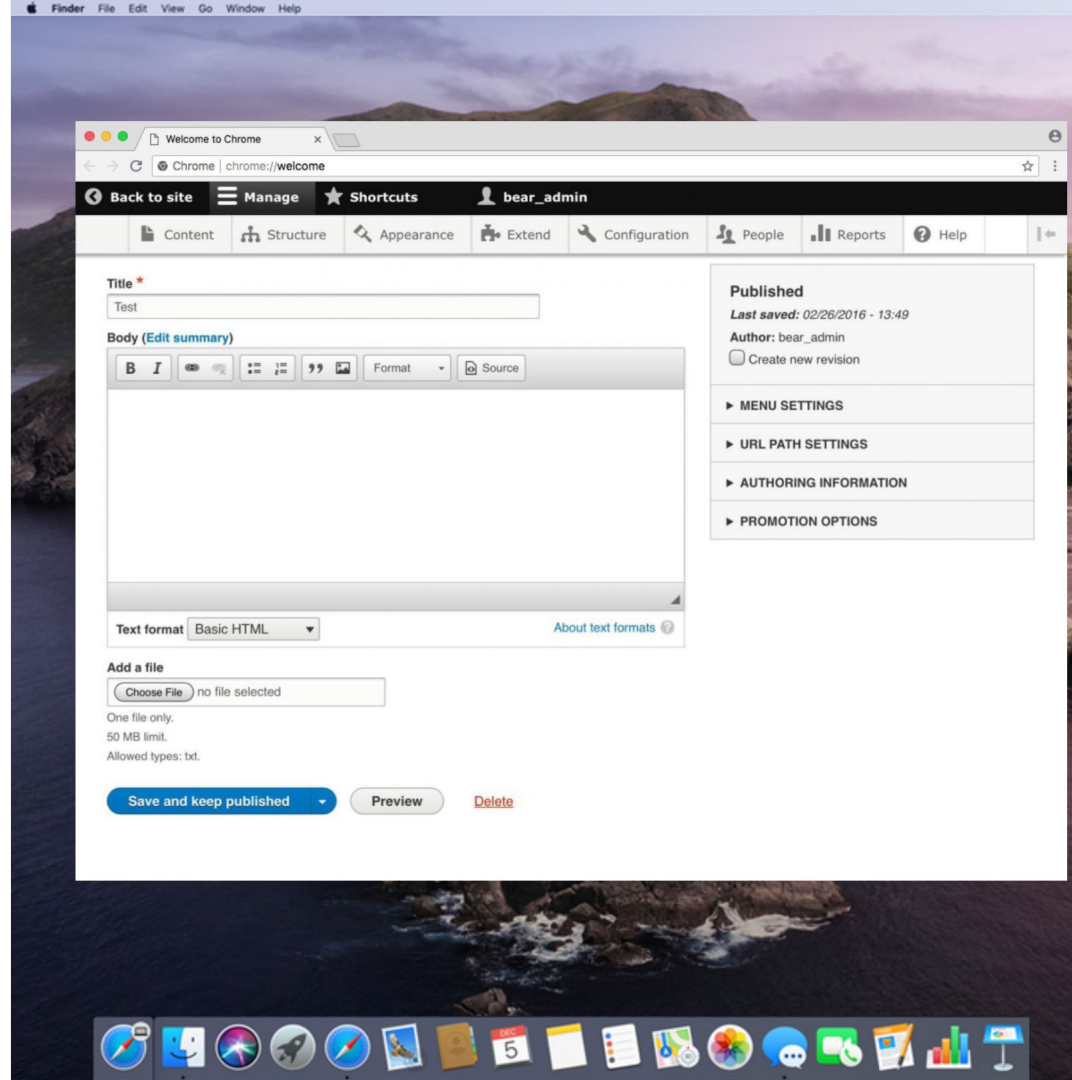
Homebrewed Solutions

With colorful dashboards and icons, these early interfaces put content administration only a few clicks away -- but created new challenges in process and scaling.



Open Source CMS Solutions

Desire for collaboration and fresh, relevant content required feature rich platforms that could be updated daily. Open source frameworks produce quality sites faster.



Getting a Little Graphic

The rise of GUIs and no-code tools in web development.



> **Blocks** Style



Text



Boxed Text



Divider



Image



Image Group



Image Card



Image + Text



Share



Social Follow



Need ideas?

Create standout landing pages with these [9 design tips](#).

Visual Builder

We have to adapt, because other software is pushing the envelope. Making it easy (and even fun) to build web apps.

Manage display ☆

Edit Manage fields Manage form display Manage display


Default Teaser

+ Add Section

Content Title
Tips for growing and storing herbs

Category: Health Author by Violet Willis Publication Date 29th January 2017

Header Image



+ Section Library

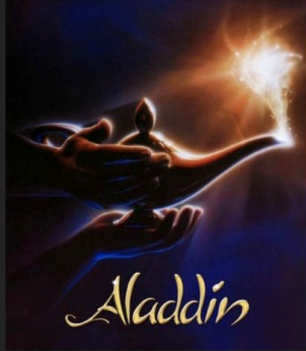
One column

Two column

Three column

Layout Builder

The role of site-builder is expanding. These power users don't need a developer to click a button for them.



90s Movies Demo Site

Three content types:

- Movie
- Cast
- Person

Two vocabularies:

- Genre
- Keyword

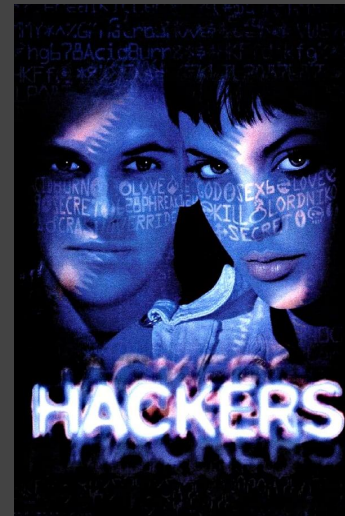
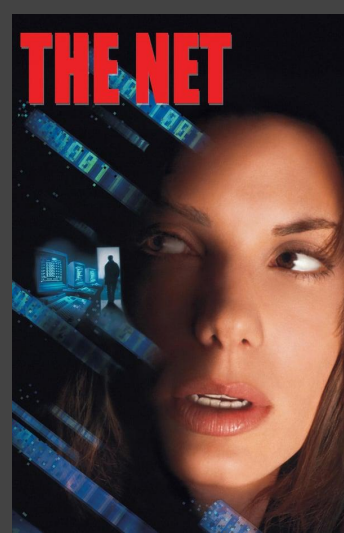
One user entity.

Spectacular Views

I can see my content model from up here.

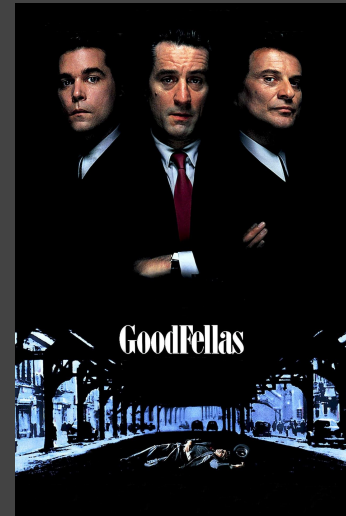
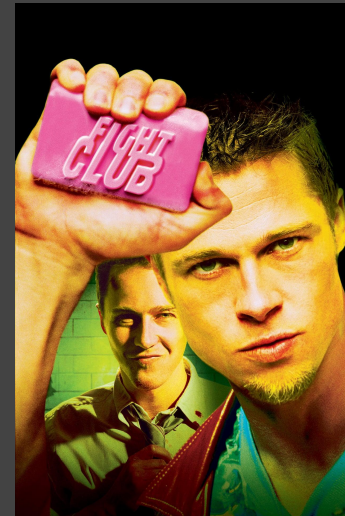
Ways we can all benefit from using Views

- **Feature Rich:** As a mature project, Views has many bells and whistles out of the box.
- **Extensible:** Many compatible modules to introduce new features to Views.
- **Accessible:** No-code required to get started. Plenty of training materials
- **Consistent:** Exported configs stored in a predictable/portable set of yaml files.
- **Supported:** Limits future technical debt.



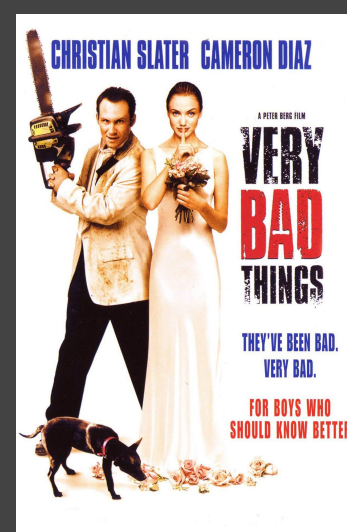
Reasons developer may avoid using Views

- **Control:** We like (need) to reinvent the wheel. Creating the perfect tool for the job.
- **Clarity:** Big Views can be overwhelming. We can comment and organize our custom code.
- **Not Powerful Enough:** Custom requests push the limits of what is possible in Views.



Task: Create Collections

- Action and Adventure Movies
WHERE category IN ('action', 'adventure')
- Family Comedies
WHERE category = 'comedy' AND category = 'family'
- Happy Holidays
WHERE keyword = 'holidays' and category <> 'horror'
- Now Trending
WHERE popularity > '8' ORDER BY popularity DESC
- Cult Classics
WHERE critics_rating < '2' AND users_rating > '8'
- Box Office Bombs
movies, (revenue - budget) as profit WHERE profit < '0'
ORDER BY profit ASC

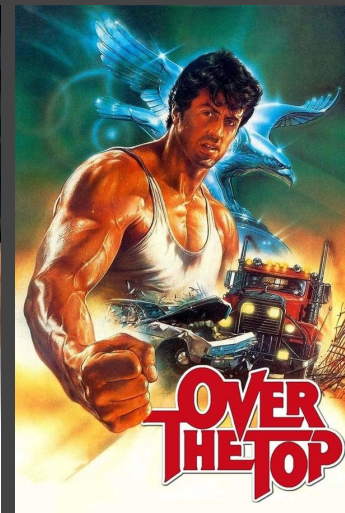


**‘Nuff slides.
Let’s Drupal.**

Making tasks difficult is not a security policy

Allowing users to create views may be scary; but with a little work we can offer access. Your strategy may include:

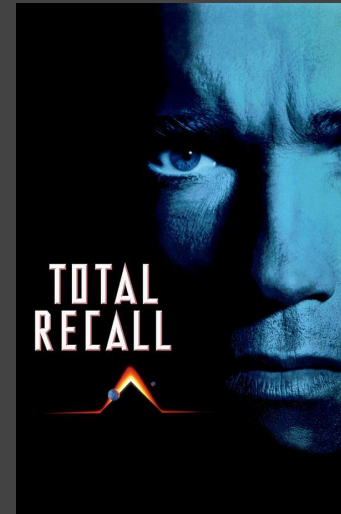
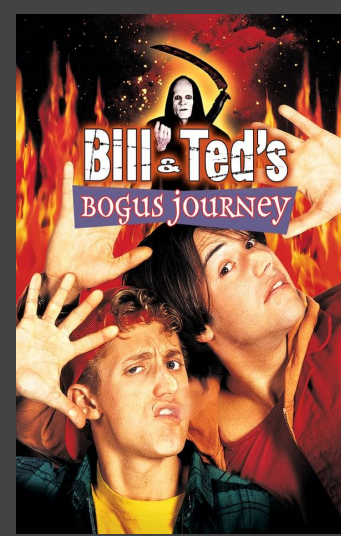
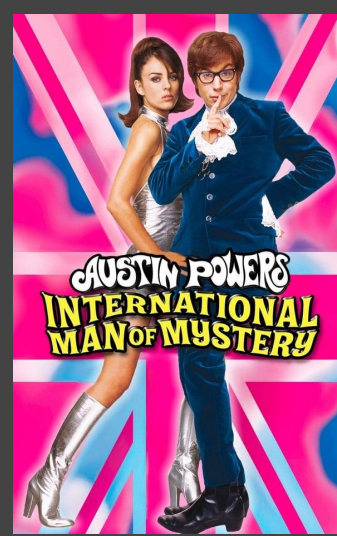
- Defining new **permissions** and roles
- Developing a **training** program
- Feature **request** process
- Change **review** process



Overcoming technical barriers to contribution

Views are configuration and typically follow a prescribed workflow up a development stack.

- Assigning a **development** workflow
- Creating a **config management** strategy



Empower your site owners

They are ready and thirsty to for new ways to contribute to the dynamic and ever changing web.

Thank You

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Demo: github.com/nJim/movies

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