

Developing Custom Views Plugins: Falling back in love with Views

BADCAMP 2020

Jim Vomero





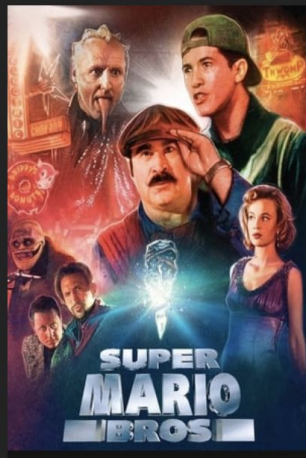
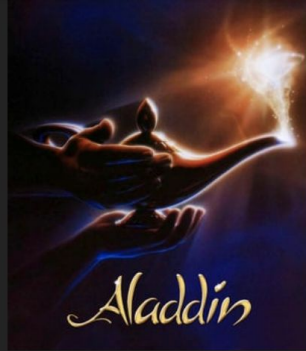
FOUR
KITCHENS

Jim.Vomero@FourKitchens.com



@nJim





90s Movies Demo Site

Three content types:

- Movie
- Cast
- Person

Two vocabularies:

- Genre
- Keyword

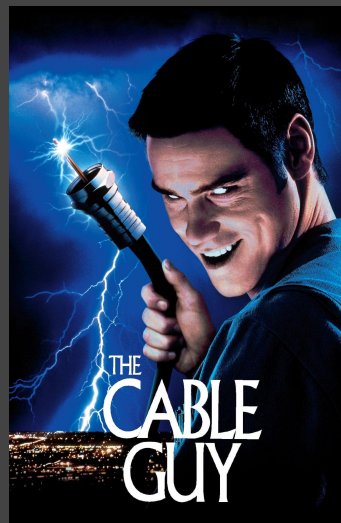
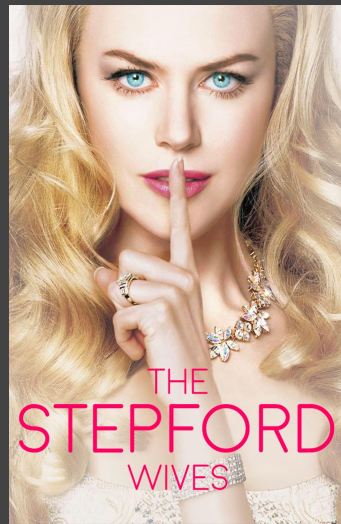
One user entity.

Views in Core

My complicated history with the GUI.

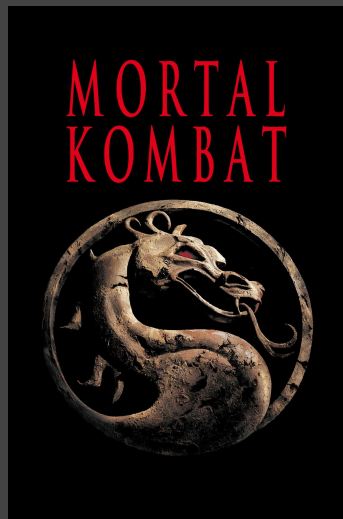
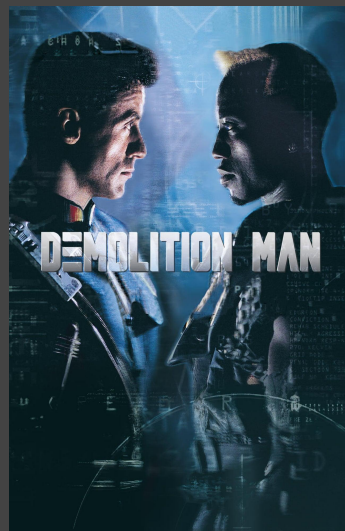
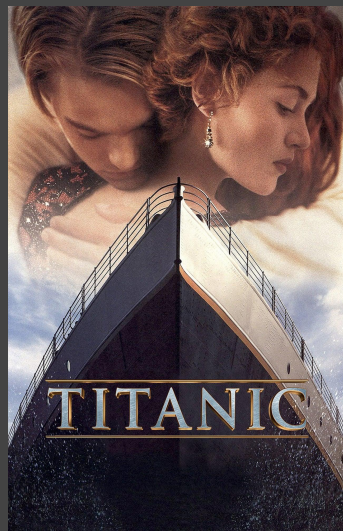
Ways we can all benefit from using Views

- **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.



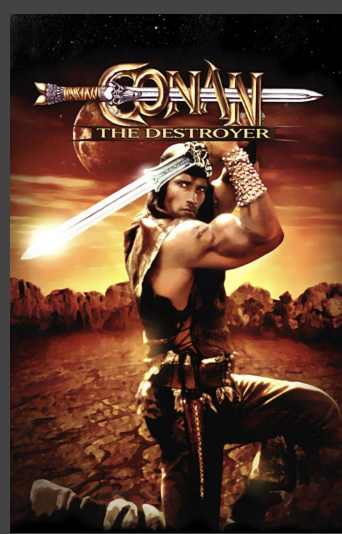
Reasons developer may avoid using Views

- **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.



Extend everything via the plugin system

- Access
- Area
- **Argument***
- Argument (Default)
- Argument Validator
- Cache
- Display
- Exposed Form
- **Field***
- **Filter***
- Join
- Pager
- Query
- Relationship
- Row
- **Sort***
- Style
- Wizard



**‘Nuff slides.
Let’s Drupal.**

Embrace the Drupal UIs

View Plugins can allow developers to keep their code organized, abstracted, and highly functional.

Thank You

Jim.Vomero@FourKitchens.com

Demo: github.com/nJim/movies

   @nJim



Coming up next Friday 2 pm

- 2pm - **Advanced Google Analytics (and other) integrations with GTM and dataLayer** with JD Leonard
- 2pm - **Getting Started With Layout Builder for Drupal 8 & 9** with Danny Englander
- 2pm - **Inclusive leadership for managers, tech leads and open-source maintainers** with Tara King
- 2pm - 2:20pm - **True Life: I'm an introvert in an extroverts world** with Kacie Minner
- 2:25 - **Implementing a top notch search and social media meta tag strategy** with Jim Birch



Coming up next
Friday 1:45 pm

Drupal
contractors

- Coffee break sponsored by Drupal Contractors by Esteemed in the Expo Hall



