# Introduction to Drupal

## *Fast and Furious*

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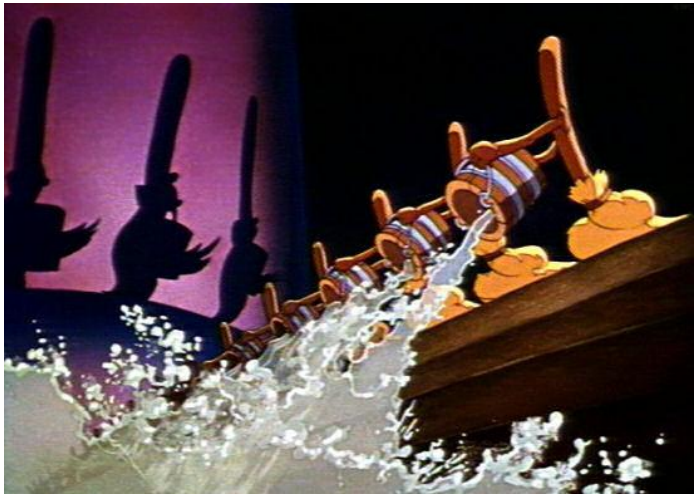
a product of the ESO Library
LISA VI 2010 - Pune, India

# First, a story…



# Do it with Drupal

- Free customizable content management system
- Easy access to data without being a ~~programmer~~

Modular
Content Management System
Open Source
Customizable
Free
Robust
Application Framework
Flexible

# Who is using Drupal?

- Just to name a few…

- … and what about libraries?

# How do I get Drupal?

- Download Drupal at drupal.org

and…

- Install local web server (recommended)

WampServer http://drupal.org/node/114493 (WIN)

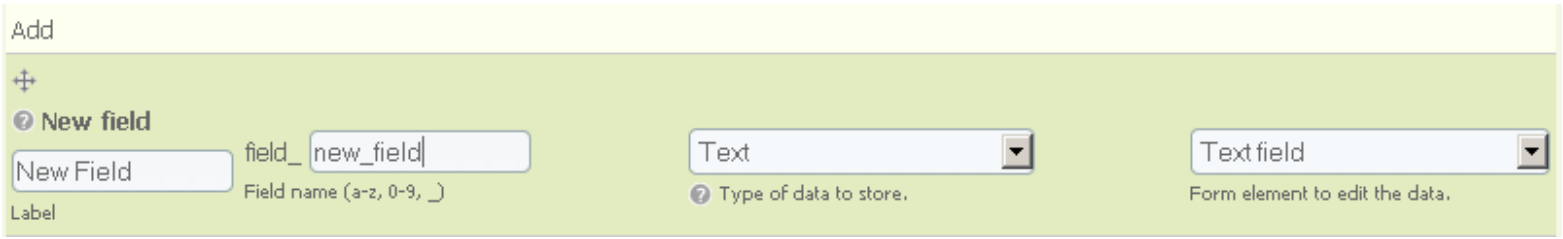
MAMP http://drupal.org/node/66187 (MAC)

**… but many other tutorials can be found via Google/YouTube!**

# Alright, so show me!

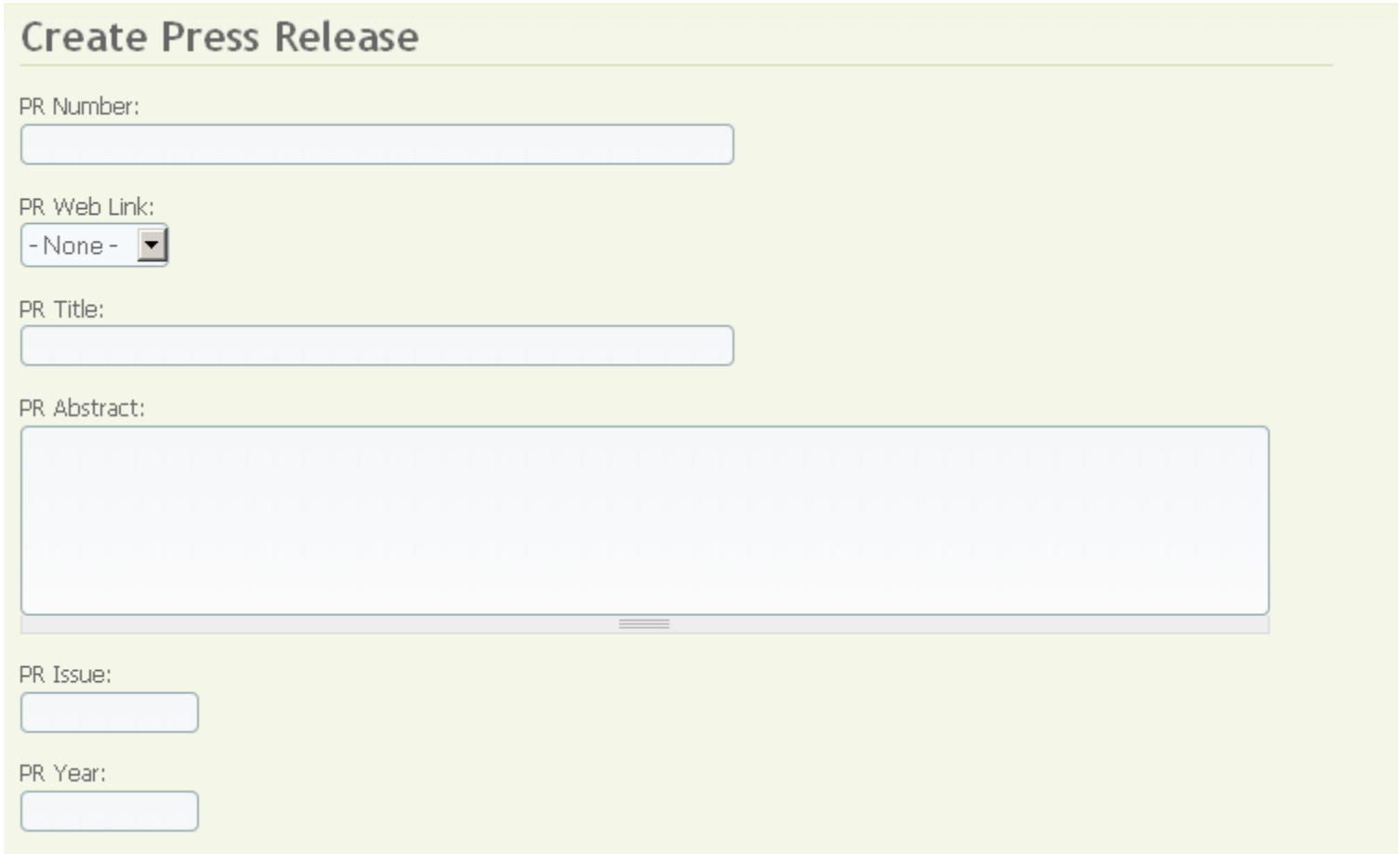
1. Create content type (i.e. Press Release)

2. Create field (i.e. PR Number)



# Show me more!

3. Add content (i.e. new Press Release)



# Show me more!

4. Create search page

**Press Releases** *Default settings for this view.*

**View settings**
Tag: PR

**Basic settings**
Name: Press Releases
Title: Press Releases
Style: Table
Use AJAX: No
Use pager: Yes
Items per page: 100

**Relationships**
None defined

**Arguments**
None defined

**Fields**
Content: PR Number Default
Content: PR Type Default

**Sort criteria**
Content: PR Number asc
Content: PR Year desc
Content: PR Issue asc

**Filters**
Node: Type = Press Release
Content: PR Year exposed

## Press Releases

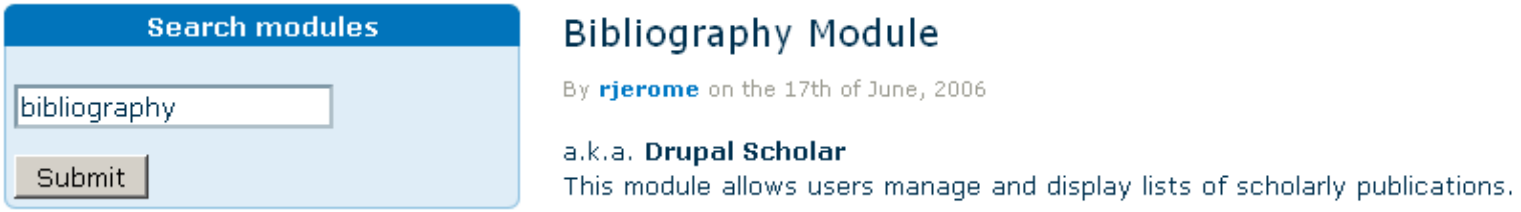
Content: PR Year (field_pr_year)
Is equal to
APPLY

| PR Number | PR Type | PR Issue | PR Year |
|---|---|---|---|
| *ESO0950 | News Release | 50 | 2009 |
| *ESO0916 | News Release | 16 | 2009 |
| *ESO0906 | Organisation Release | 6 | 2009 |
| *ESO0908 | News Release | 8 | 2009 |
| *ESO0910 | News Release | 10 | 2009 |

# Adding to Drupal

- Find more tools or modules from the community

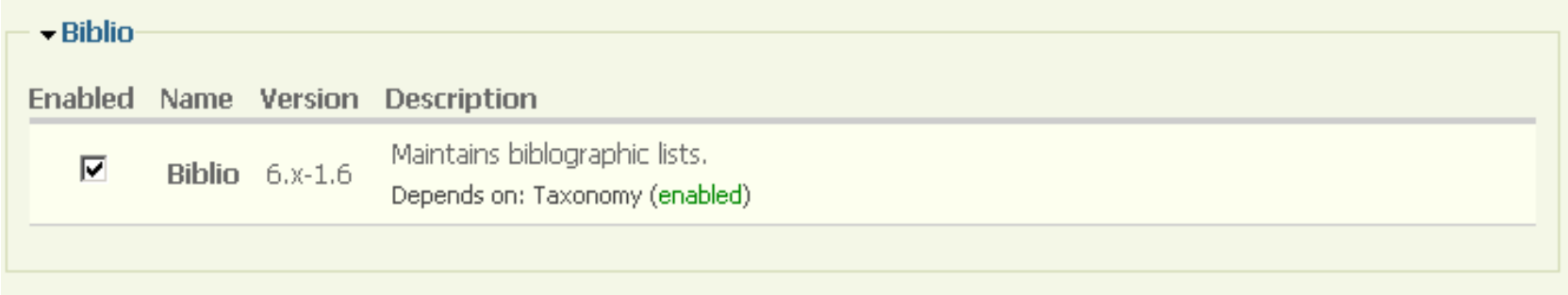
- e.g., Search for “bibliography” and you find:




- Download and add to your Drupal toolbox

# Installing Modules

- Search @ http://drupal.org/project/Modules
- Download and move module to Drupal Modules folder
- Enable in Drupal Modules Admin



# Bibliography Sample

# Library Related Modules

- **eXtensible Catalog** – suite of tools used to reveal library collections to users
- **Library** – very limited OPAC with circulation options
- **Link Resolver** - mechanism to add and maintain institutional link resolver data
- **Millennium Integration** – integration with WebOpac
- **SOPAC** - community-driven catalog system (tag, rate, review, faceted browsing, etc)
- **Storm** - project management (contacts, projects, knowledgebase, budget)

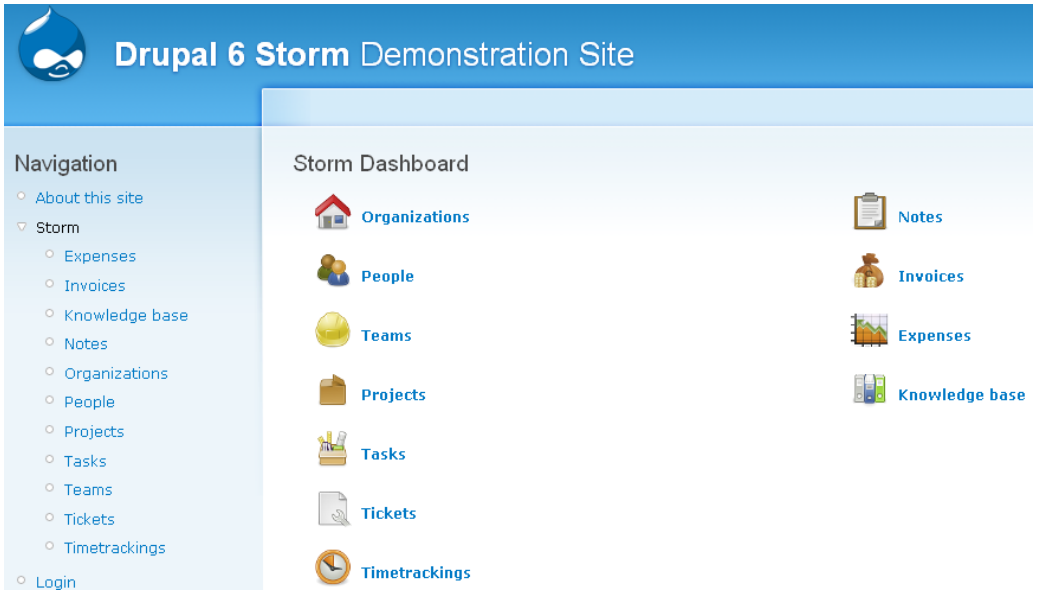
Library
View | CVS instructions

Link Resolver
View | CVS instructions

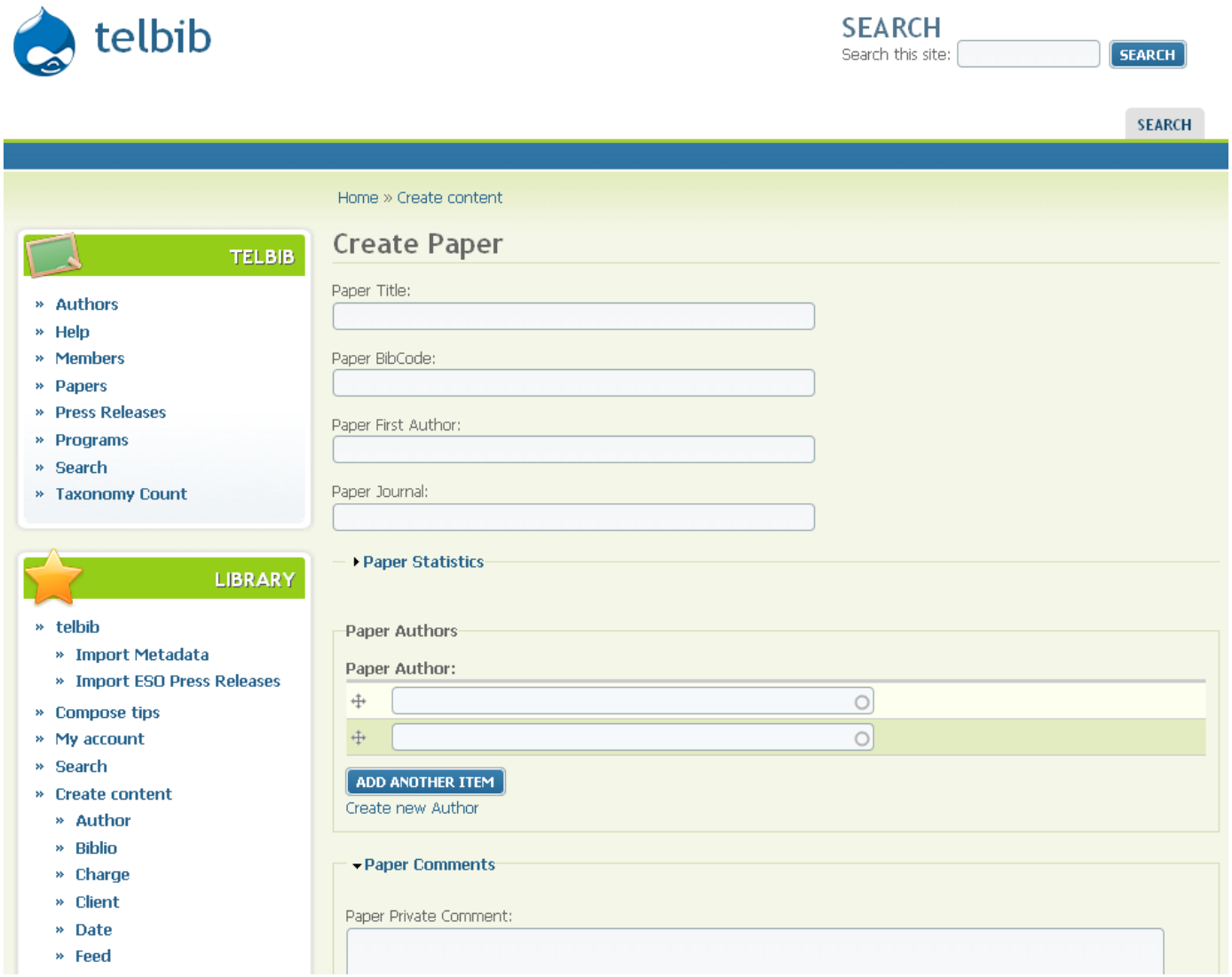
EXTENSIBLE CATALOG
Unifying access to library resources

SOPAC
The Social OPAC™

Millennium Integration
View | CVS instructions



# telbib Screenshot



# telbib Screenshot

telbib

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SEARCH

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LIBRARY

- telbib
  - Import Metadata
  - Import ESO Press Releases
- Compose tips
- My account
- Search
- Create content
- Recent posts
- Administer
- Log out
- Biblio

Journal Abbreviation | Publication Month | Publication Year

APPLY

| Paper ADS Citations | Paper BibCode | Paper First Author | Paper Journal Abbreviation | Paper Publication Year | Paper Title |
|---|---|---|---|---|---|
| | 2009A&A...508..665B | Barazza, F. D. | A&A | 2009 | Relating basic properties of bright early-type dwarf galaxies to their location in Abell 901/902 |
| 10 | 2008A&A...492..637G | Gavignaud, I. | A&A | 2008 | Eddington ratios of faint AGN at intermediate redshift: evidence for a population of half-starved black holes |
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# Resources

- What is Drupal video:
  http://drupal.org/node/525550
- Websites using Drupal:
  http://websites.usandv.com
- LibraryJournal Article on Drupal:
  http://www.libraryjournal.com/article/CA6705363.html?q=drupal
- Installing Drupal
  http://drupal.org/node/114493 (WIN)
  http://drupal.org/node/66187 (MAC)
- Useful Drupal Library Modules
  http://drupal.org/project/biblio (Bibliography)
  http://drupal.org/project/storm (Storm)
  http://drupal.org/project/library (Library)
  http://drupal.org/project/millennium (Millennium Integration)
- Drupal Library Projects
  http://drupal.org/project/xc (eXtensible Catalog)
  http://drupal.org/project/sopac (SOPAC)
- Themes
  http://drupal.org/node/456 (Installation)
  http://drupal.org/project/Themes (Themes Search)
- Modules
  http://drupal.org/node/70151 (Installation)
  http://drupal.org/project/modules (Modules Search)
- Tutorials
  http://www.lullabot.com/