

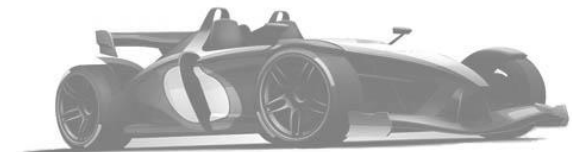
# Introduction to Drupal

## *Fast and Furious*

Christopher Erdmann  
European Southern Observatory Library



# First, a story...



# Do it with Drupal

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

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

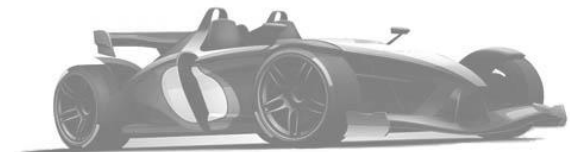


# Who is using Drupal?

Just to name a few...



... and what about libraries?



# How do I get Drupal?

- 🔹 Download Drupal at [drupal.org](http://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)

[LIST](#) [ADD CONTENT TYPE](#) [FIELDS](#) [EXPORT](#) [IMPORT](#)

Below is a list of all the content types on your site. All posts that exist on your site are instances of one of these content types.

### Content types

Name	Type	Description	Operations
Author	author	Author of a paper.	<a href="#">edit</a> <a href="#">manage fields</a> <a href="#">delete</a>
Charge	charge	A (line item) charge paid by a client (i.e. author, institution, etc) under an invoice.	<a href="#">edit</a> <a href="#">manage fields</a> <a href="#">delete</a>

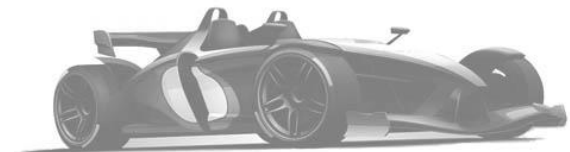
## 2. Create field (i.e. PR Number)

Add

+

New field

Label Field name (a-z, 0-9, \_) Type of data to store. Form element to edit the data.



# Show me more!

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

**Create Press Release**

PR Number:

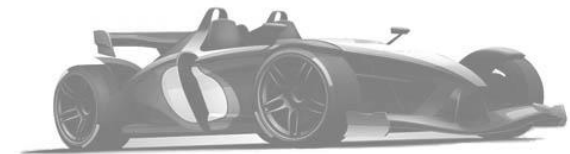
PR Web Link:

PR Title:

PR Abstract:

PR Issue:

PR Year:



# Show me more!

## 4. Create search page

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

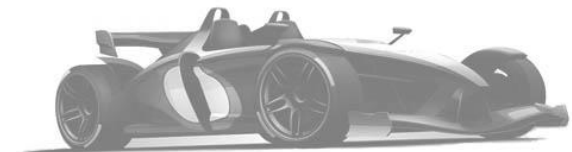
<b>View settings</b> Tag: PR	<b>Relationships</b> + ↑↓ None defined	<b>Sort criteria</b> + ↑↓ Content: PR Number asc Content: PR Year desc Content: PR Issue asc
<b>Basic settings</b> Name: Press Releases Title: Press Releases Style: Table ✖ Use AJAX: No Use pager: Yes Items per page: 100	<b>Arguments</b> + ↑↓ None defined	<b>Filters</b> + ↑↓ Node: Type = Press Release Content: PR Year exposed
	<b>Fields</b> + ↑↓ Content: PR Number Default Content: PR Type Default	

## Press Releases

Content: PR Year (field\_pr\_year)

Is equal to

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:

Search modules

## Bibliography Module

By [rjerome](#) on the 17th of June, 2006

a.k.a. **Drupal Scholar**

This module allows users manage and display lists of scholarly publications.

- Download and add to your Drupal toolbox

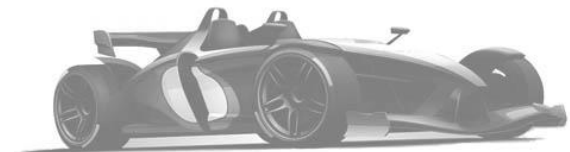


# Installing Modules

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

▼ Biblio

Enabled	Name	Version	Description
<input checked="" type="checkbox"/>	Biblio	6.x-1.6	Maintains bibliographic lists. Depends on: Taxonomy ( <b>enabled</b> )



# Bibliography Sample

## Create Biblio

Publication Type: \*

Journal Article

Title: \*

Year of Publication: \*

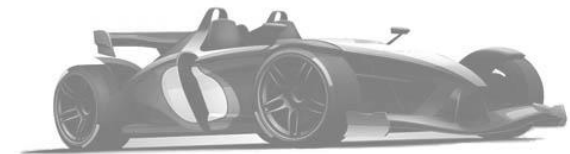
Enter YYYY, Submitted or In Press

— [▶ Menu settings](#)

▼ [Full Text](#)

Full Text:

You may enter a full text or HTML version of the publication here.



# 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](#)



## Millennium Integration

[View](#)

[CVS instructions](#)

A screenshot of the Drupal 6 Storm Demonstration Site dashboard. The page has a blue header with the Drupal logo and the text 'Drupal 6 Storm Demonstration Site'. On the left is a 'Navigation' menu with a tree structure: 'About this site', 'Storm' (expanded), 'Expenses', 'Invoices', 'Knowledge base', 'Notes', 'Organizations', 'People', 'Projects', 'Tasks', 'Teams', 'Tickets', 'Timetrackings', and 'Login'. The main content area is titled 'Storm Dashboard' and contains several icons with labels: 'Organizations', 'People', 'Teams', 'Projects', 'Tasks', 'Tickets', 'Timetrackings', 'Notes', 'Invoices', 'Expenses', and 'Knowledge base'.

# telbib Screenshot



SEARCH

Search this site:

SEARCH

SEARCH

Home » Create content



## TELBI B

- » Authors
- » Help
- » Members
- » Papers
- » Press Releases
- » Programs
- » Search
- » Taxonomy Count



## LIBRARY

- » telbib
  - » Import Metadata
  - » Import ESO Press Releases
- » Compose tips
- » My account
- » Search
- » Create content
  - » Author
  - » Biblio
  - » Charge
  - » Client
  - » Date
  - » Feed

## Create Paper

Paper Title:

Paper BibCode:

Paper First Author:

Paper Journal:

### ► Paper Statistics

#### Paper Authors

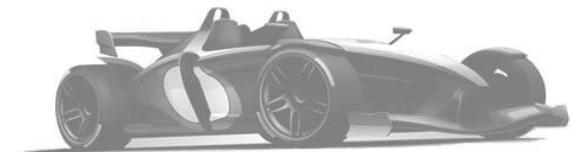
Paper Author:

ADD ANOTHER ITEM

Create new Author

### ▼ Paper Comments

Paper Private Comment:



# telbib Screenshot



SEARCH

Search this site:

SEARCH

SEARCH

Home



TELBIB

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LIBRARY

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- » Create content
- » Recent posts
- » Administer
- » Log out
- » Biblio

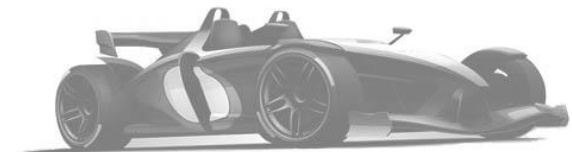
Journal Abbreviation

Publication Month

Publication Year

APPLY

<a href="#">Paper ADS Citations</a>	<a href="#">Paper BibCode</a>	<a href="#">Paper First Author</a>	<a href="#">Paper Journal Abbreviation</a>	<a href="#">Paper Publication Year</a>	<a href="#">Paper Title</a>
	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/>

