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Drupal, the perfect document management frontend

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Colombo





Drupal, the perfect document management frontend



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Agenda

- ☪ Introduction
- ☪ Problem
- ☪ Solution
- ☪ What we developed
- ☪ Solution 1 - Demo
- ☪ Solution 2 - Demo



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Introduction

Document management has become a very important aspect to companies/ organizations in today's world and almost all companies use documents on a daily basis for their work. But do they manage the documents properly?



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Problem

- Most Companies/Organizations use multiple systems to access Content and Documents which is not very user friendly
- Most Document Management Systems (DMS's) does not provide a rich user interface
- The worst out of all is that the fact that most companies ignore document management altogether



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Solution





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Solution - Pros

- The user will have access to all they need within one system
- We can have a nice rich interface and also have the option of changing it at will
- We can make use of all the JavaScript plugins out there
- We can collaborate easily when everything is one place.



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WHAT WE HAVE DEVELOPED

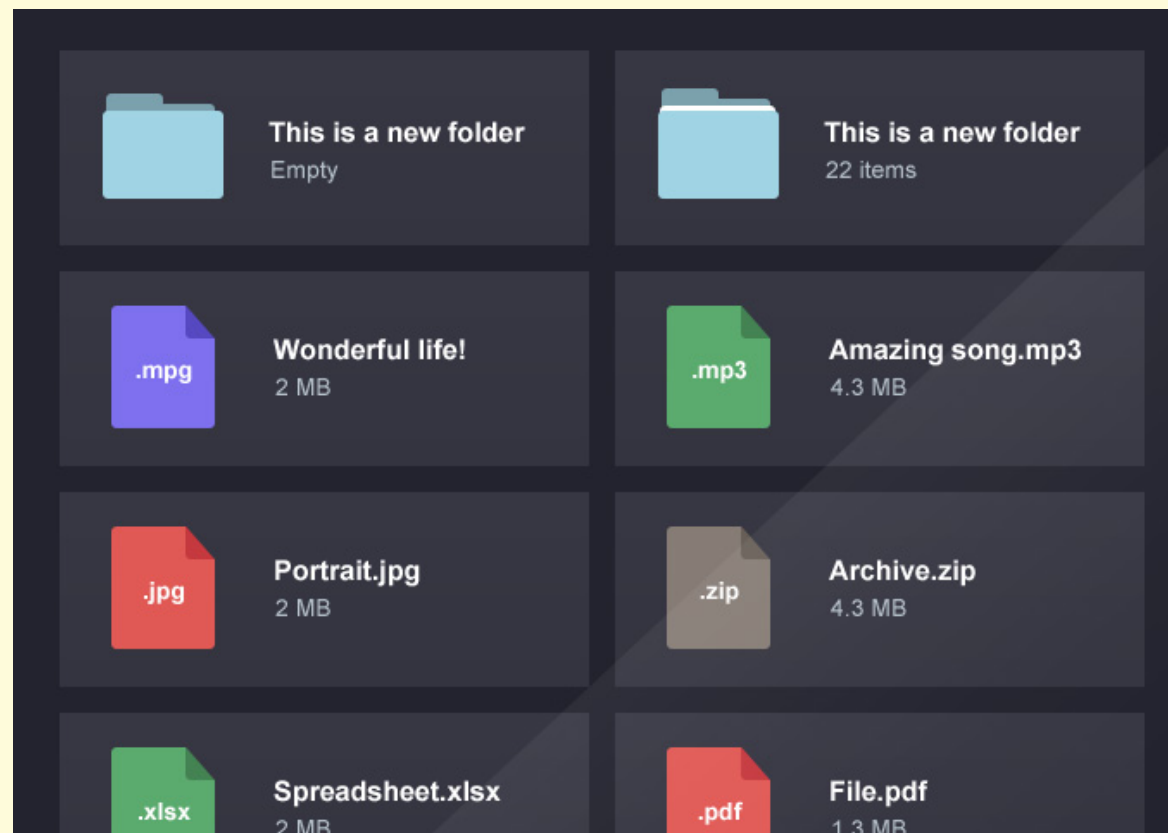




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WHAT WE HAVE DEVELOPED

File Browser





WHAT WE HAVE DEVELOPED

File Preview

https://app.box.com/files/0/1/0/1/f_32649472931

Apps Bookmarks Gmail Real Time Unicode Other Bookmarks

All Files > EAP Films and Theaters Private Limited.pdf

Open Share Download

Activity Info

Enter Comment

Niraj Meegama uploaded version 1
June 29, 2015 at 11:56 PM

Logout | Advertise | Careers | Contact Us | @ EAP | In Cart

Home | Movies | Rates & Show Times | Theaters | News | Offers | Buy Tickets | About Us

E - Ticket

Thank you making your online movie ticket reservation. Please find your transaction details and PRINT the receipt of your booking confirmation and present this at the cinema.
A copy of your confirmed booking has been emailed to you.

User Details		Booking Details	
Full Name	Niraj Meegama	Booking ID	229543000010100
National Identity Card No	8331815104	Payment Tx Ref. No	110011602000
Address	143, Kachiyasa Road, Kachiyasa, Dettwala	Theater Name	Sandy 3D - Malakal
City	Kachiyasa	Movie Name	Jurassic World
District	Colombo	Booking Date	Friday 19th of June, 2015
Mobile	0715822054	Show Time	9:30 PM
Contact Number	0715822054	Seat Category	COG
E-Mail	nirajmeegama@gmail.com	Total Tickets	4
		Seat Numbers	6718,6719,6720,6721

Booking Seat Details			
Type	Qty	Rate	Total
F+1	2	Rs. 500.00	Rs. 1,000.00
Inf	1	Rs. 400.00	Rs. 400.00
		Total	Rs. 1,400.00

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WHAT WE HAVE DEVELOPED

Activity Stream integration

Activity Stream



Yesterday



Rosie Jameson updated the Rank of [ANGRY-74](#) - Please fix the yellow bird

Yesterday at 12:36 PM



Rosie Jameson updated the Rank of [ANGRY-74](#) - Please fix the yellow bird

Yesterday at 12:36 PM



Sherif Mansour updated the Scheduled Deployment Date of [ANGRY-311](#) - This is an exception

Yesterday at 10:44 AM

Friday



Jimmy Kurniawan removed the Assignee of [ANGRY-297](#) - CLONE - clone sub task one

Friday at 11:01 AM

Tuesday



Susan Griffin updated the Description of [ANGRY-306](#) - Red Nerd should have his mouth open on impact

This relates to [ANGRY-304](#)

Tuesday at 3:25 PM



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WHAT WE HAVE DEVELOPED

Document Annotations

The screenshot displays a Microsoft Word document titled 'intouganda.doc' in Compatibility Mode. The ribbon includes tabs for Home, UIS Annotate E101, WpAnnotate, Insert, Page Layout, References, Mailings, Review, View, and Developer. The UIS Annotate E101 tab is active, showing various annotation tools like Open, Save, E-mail, Word Basic, Specificity, Placement, Structure, Title, Revelation, Positives, Thesis, Narration, Allusions, Description, Evidence, Fig. Language, Positives, Rhetorical Tools, Introductions, Transitions, Conclusions, Subheads, Topic Sentences, Positives, Organization, Words/Phrases/Sentences, Quotations/Citations, Positives, Voice and Vitality, Commas to Dashes, Positives, Grammar and Mechanics, Insert Comment, Strikeout, Highlight, and Commenting.

The document text is as follows:

graduation McCandless leaves his family, gives his money to charity, abandons his car and sets off to Alaska. They were both of similar age and points in their lives when they decided to make such a drastic change. McCandless and Garrigan have some similarities in characteristics and that is why he is a good candidate to replace Garrigan but there are plenty of differences as well. McCandless would be able to bring a lot of personal experience playing the role of Garrigan and also a different point of view of the world. It is said that McCandless left his world behind to find solitude because he was not satisfied by a materialistic world. Even though he and Garrigan did not have the same exact principles they both wanted a different life and actually went for it.

A very notable scene in the movie is when Amin asks Garrigan to be his doctor. At first Garrigan politely and respectfully turns down the job because he has made prior engagements with the local hospital. He initially is not driven by money or power and does want to help out the people of Uganda. McCandless would relate to Garrigans first reaction because he too is not persuaded by power and fame. McCandless would happily, with a grin on his face, turn down Amins job offer. With a little persuasion from Amin, Garrigan quickly becomes intrigued and

Three annotations are visible in the right sidebar:

- Comment [AJM1]:** Effective use of punctuation; your ideas are clearer because of your ability to punctuate.
- Comment [AJM2]:** Can you attribute this comment? It doesn't carry any weight without a source.
- Comment [AJM3]:** Apostrophe is needed, is unnecessary, or is misused.
 - Fix it to show possession, a contraction, or certain plurals.
 - For more help see: EW p. 115-17.

The status bar at the bottom indicates 'Page: 3 of 12' and 'Words: 3,850'.



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WHAT WE HAVE DEVELOPED

CMIS (Content Management Interoperability Service) module improvements





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WHAT WE HAVE DEVELOPED

Themed the browser

CMIS Repository

Actions

Root

name	type	size	author	last modified		
Data Dictionary	Space		System	9/9/2014 8:58 AM	properties	delete
Guest Home	Space		System	9/9/2014 8:58 AM	properties	delete
User Homes	Space		System	2/9/2016 7:53 AM	properties	delete
Shared	Space		System	9/9/2014 8:58 AM	properties	delete
Imap Attachments	Space		System	9/9/2014 8:58 AM	properties	delete
IMAP Home	Space		System	9/9/2014 8:58 AM	properties	delete
Sites	Space		System	9/9/2014 8:58 AM	properties	delete

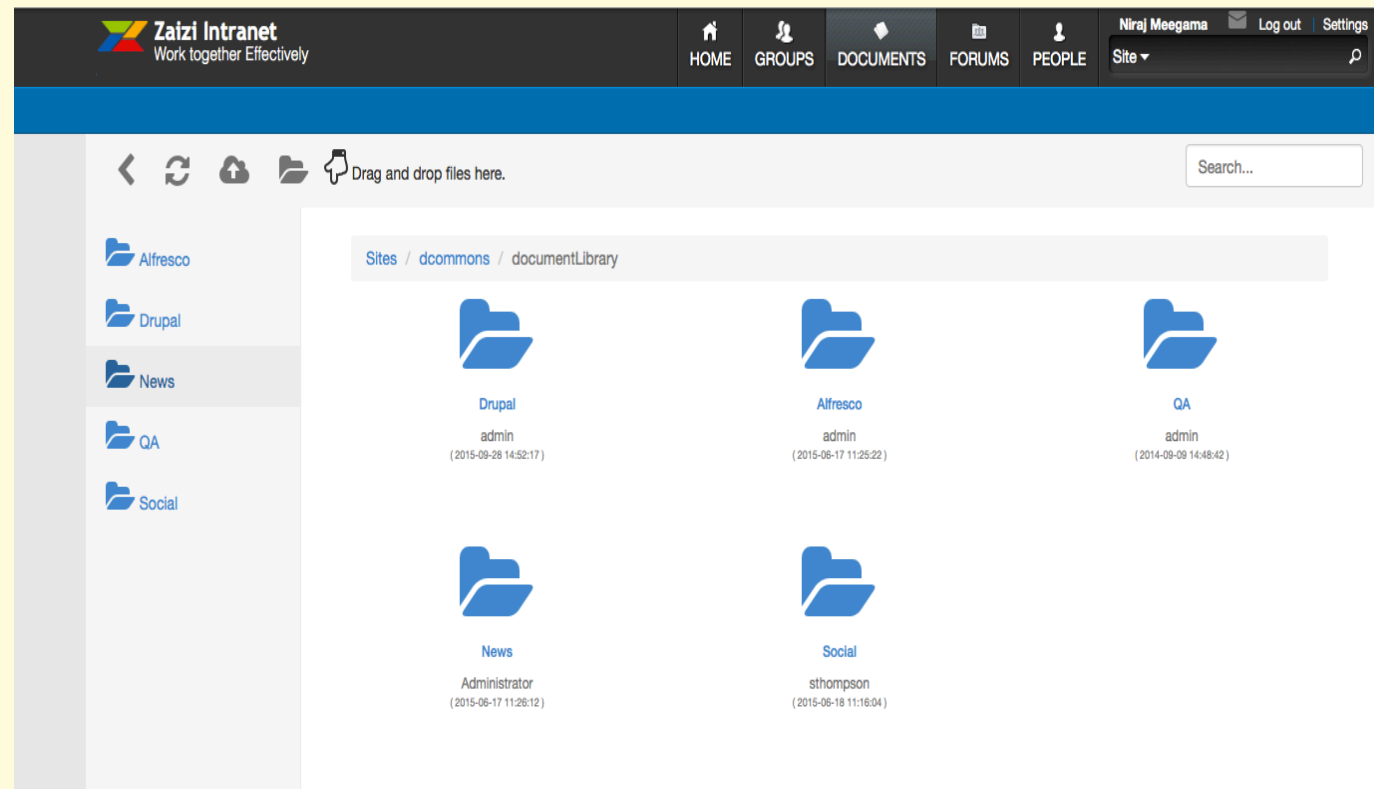
Before



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WHAT WE HAVE DEVELOPED

Themed the browser



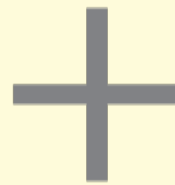
After



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Solution-1

Drupal - Alfresco

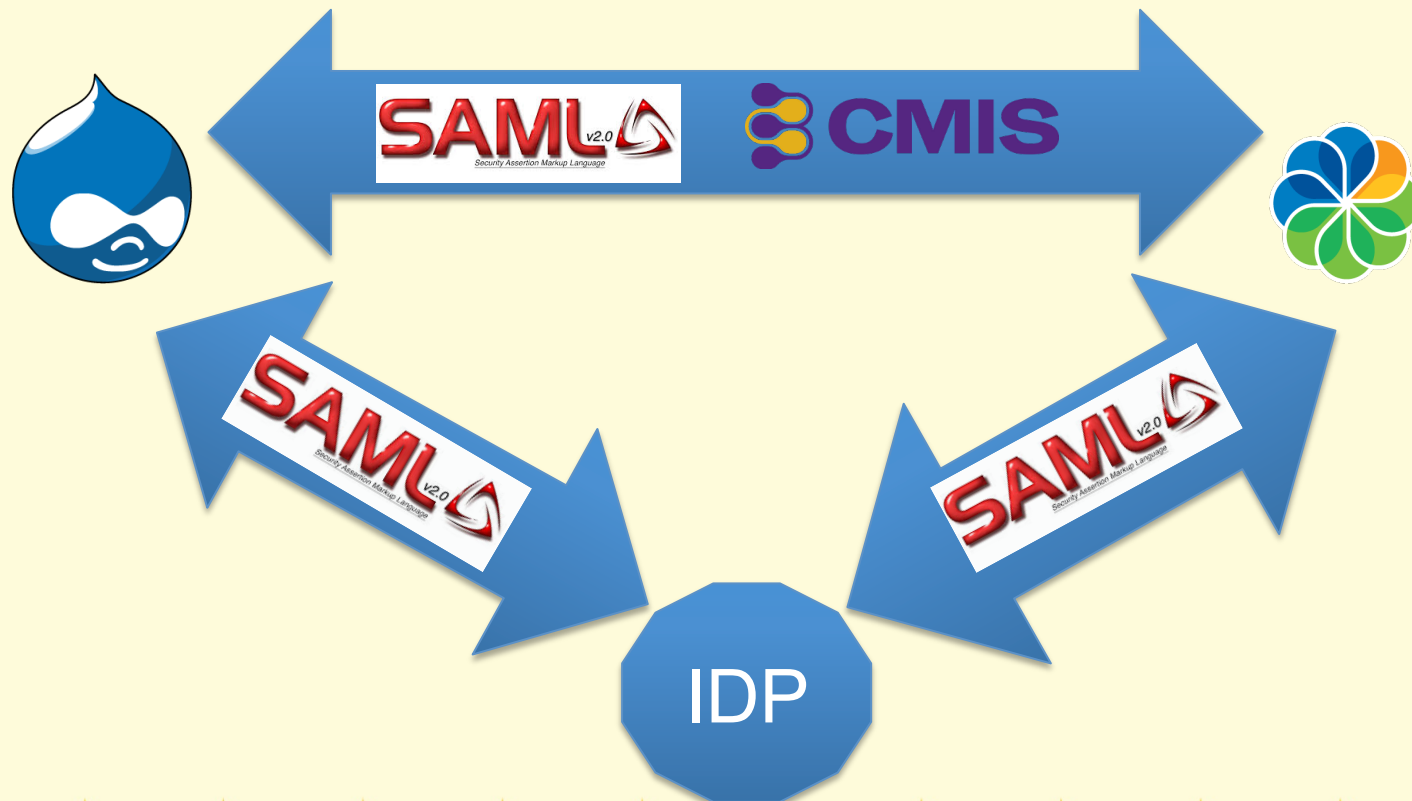




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Solution-1

Architecture





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Solution-1

Configuration

```
$conf['cmis_repositories'] = array(  
  'default' => array(  
    'user' => '<cmis_user_username>',  
    'password' => '<cmis_user_password>',  
    'url' => 'http://path/to/cmis/interface'  
  )  
);  
|
```

Settings:

- * user – Generic username used by `cmis_common` to authenticat
– optional, used by `cmis_common`
- * password – Generic password used by `cmis_common` to authent
– optional, used by `cmis_common`
- * url – CMIS repository endpoint url
– mandatory, used by `cmis_common`
- * label – repository label
– optional, used by `cmis_browser`'s CMIS repository s
- * browser_default_folderId, browser_default_folderPath
– default CMIS folder displayed by `cmis_browser` module
– optional, defaults to `repositoryInfo['cmis:rootFolder`
- * transport – Drupal's module that implements `hook_cmis_invo`
– \$url – CMIS absolute REST url
– \$properties – request properties
– \$settings – CMIS repositories settings
– optional, defaults to `'cmis_common'` used by `cm`
– See `cmis_headerswing` section below for more inform



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Solution-1


Configuration

[Home](#) [Menu](#) [Shortcuts](#) [Documentation](#) [Niraj Meegama](#)

[Content](#) [Structure](#) [Appearance](#) [People](#) [Modules](#) [Configuration](#)

Home

Set Root location for CMIS Browser

 The configuration options have been saved.

Root Directory

Root folder for CMIS nodes

[Save configuration](#)



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Solution-1

Demo



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Solution-2

Drupal - Box





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Solution-2

Architecture





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Solution-2

Demo



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Future Plans

- **Drupal 8** Development (Going on)
- Implement OAuth2 for Alfresco Integration
- Integrate the Drupal workbench module
- Integrate workflows with annotations
- Improve UI for BOX integration
- Federated Search



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Questions?



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Downloads and Support

- <https://github.com/zaizi>
- <https://www.drupal.org/sandbox/zaizi/2453689>
- sales@zaizi.com
- nmeegama@gmail.com, nmeegama@zaizi.com



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Keep in touch

- drupal.org : nmeegama
- Twitter: @nmeegama
- github: nmeegama



WHAT DID YOU THINK?
EVALUATE THIS SESSION

asia2016.drupal.org/schedule