



DRUPAL

VOJTĚCH KUSÝ | @WOJTHA
www.vojtechkusy.cz

www.atomicant.co.uk



K D O J S E M

DRUPAL VÝVOJÁŘ/EVANGELIZÁTOR & PHD.STUDENT



- postgraduální studium na ČVUT FSV
- Katedra inženýrské informatiky
- Obor informační systémy ve stavebnictví
Software na řízení projektů; Modelování dynamických systémů
- 8 let *na volné noze*: PHP, webdesign, Drupal (5 let)
- osobní reference: spolupráce na:



- od února 2011 Atomic Ant Ltd. <http://atomicant.co.uk>

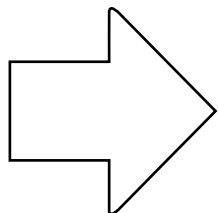
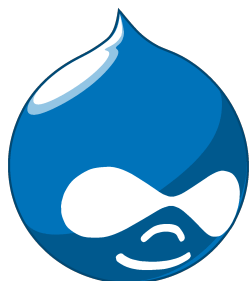


CO JE DRUPAL

ZÁKLADNÍ CHARAKTERISTIKY



- vysoce modulární
- open source
- content management system (CMS)
- nebo content management framework (CMF)
- napsaný v PHP
- snadno rozšiřitelný - téměř každý aspekt Drupalu lze ovlivnit pomocí modulů nebo témat
- autor: Dries Buytaert, kol. roku 2000
- Drupal jako opensource projekt od 15.1.2001



Drupal™

DRIES BUYTAERT

ANEB KDO ZA TO MŮŽE...



- vlastní Drupal™
- zakladatel  acquia™ a 

TECHNOLOGIE

ZÁKLADNÍ POŽADAVKY NA SERVER



- PHP:
 - Drupal 6: PHP 5.2, min PHP 4.4.0
 - Drupal 7: PHP 5.3, min PHP 5.2.5
- Podporované databáze:
 - Drupal 6: MySQL 4.1+, PostgreSQL 7.1+, Oracle (drupal.org/project/oracle)
 - Drupal 7: PDO (SQLite, ...), MS SQL
- WebServer:
 - Apache (Linux/Windows)
 - Nginx (Linux/Windows)
 - IIS (Windows only)

DRUPAL TERMINOLOGIE



CO JE CO

- **Modul**
 - Je obecně jednotka která rozšiřuje Drupal o nějaké funkce, nebo upravuje chování Drupalu
- **Téma (Theme)**
 - Mění "look & feel" Drupalu
- **Instalační profil**
 - Instalační skript, který umožňuje Drupal přednastavit
- **Distribuce**
 - Instalační balení Drupalu = jádro + moduly + profil

DRUPAL TERMINOLOGIE



CO JE CO V DRUPALU

- **Uzel** (node)
 - část obsahu, obvykle má nadpis a nějaký obsah
 - příklady: Story, Page, Forum topic, Product
- **Taxonomie** (taxonomy)
 - Drupal systém pro kategorizaci obsahu
 - obsahuje **termíny** (terms) organizované ve **slovnících** (vocabularies)

Háky (hooks)

- Systém háků umožňuje Drupalu komunikovat s moduly a také umožňuje komunikovat modulům sobě navzájem
- Podobný systém platí i pro šablonování

ARCHITEKTURA

JÁDRO DRUPALU



- **Vysoce modulární** architektura
- Rozšiřitelnost
- Srdce systému =
 - knihovny základních funkcí
 - povinné moduly:
 - System, User, Node, Filter, Block
- Nepovinné:
 - Blog, Taxonomy, Comment, Poll ...
 - a dalších asi 20 modulů

ARCHITEKTURA

DRUPAL Z POHLEDU VÝVOJÁŘE



- Drupal není MVC, ale PAC
- Až do Drupalu 6 bylo jádro Drupalu s jedinou výjimkou (xml parser) striktně **procedurální**
- Drupal má poměrně unikátní architekturu, která spočívá v systému háků (angl. hooks)
 - *komunikace jádra s moduly*
 - *komunikace modulů mezi sebou*
- Od Drupalu 7 změna, procedurální jádro a systém háků zůstává, ale **subsystémy jsou objektové**
- Zásada: Don't hack core

DRUPAL-ARCHITEKTURA

ZÁKLADNÍ ARCHITEKTURA DRUPALU

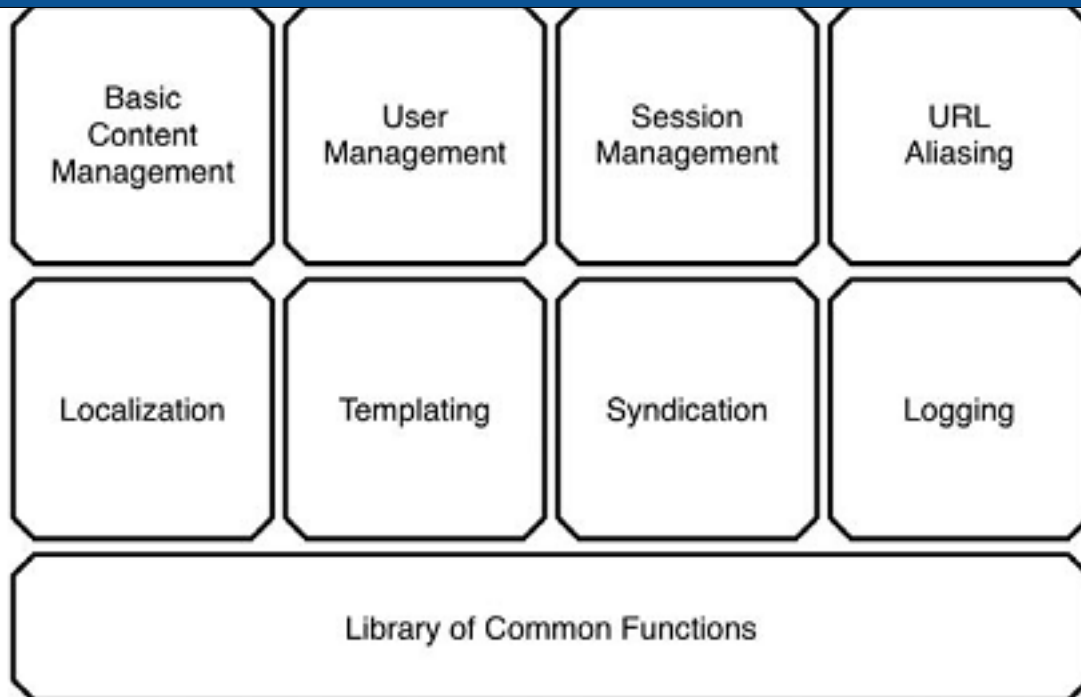


Contrib
= další
moduly



Vlastní modul

Jádro



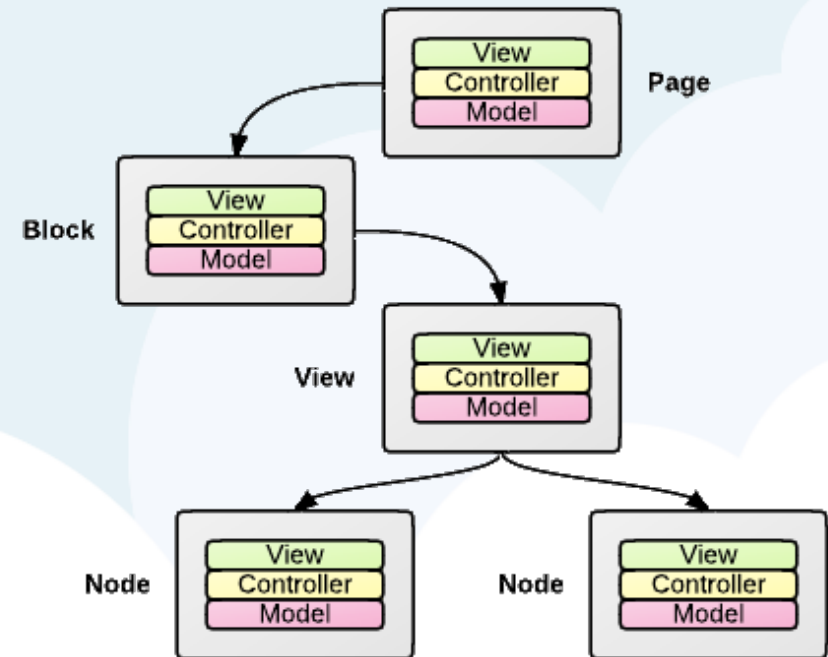
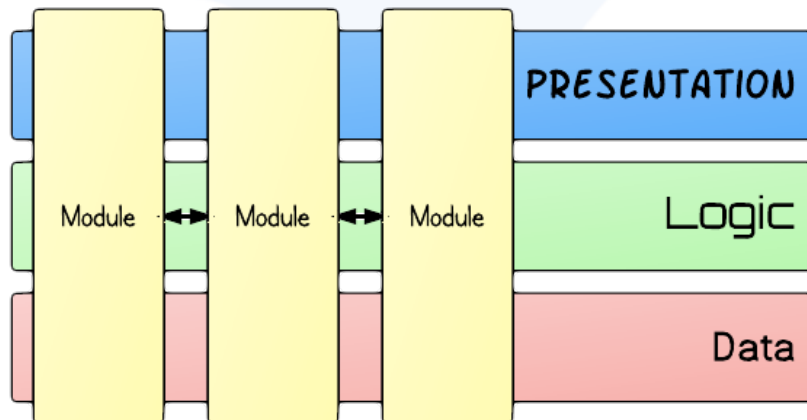
Jádro
=
knihovny
+
základní
subsytémy

MVC? NE! PAC...

PRESENTATION - ABSTRACTION - CONTROL



- PAC vs MVC
 - Presentation ~ View
 - Abstraction ~ Model
 - Control ~ Controller



- komunikace pomocí háků (passive observer pattern)

KONCEPTY

ZÁKLADNÍ KONCEPTY



- **modulární jádro + systém háků + multisite**
- **CCK = Content Construction Kit**
 - konstrukce flexibilních typů obsahu
- **Views**
 - Generování pohledů na data
- **Features**
 - Vytváření hotových aplikací pomocí spojování funkcí modulů a ukládání daných konfigurací
- **Panels**
- **Context**

MODUL CCK

CONTENT CONSTRUCTION KIT

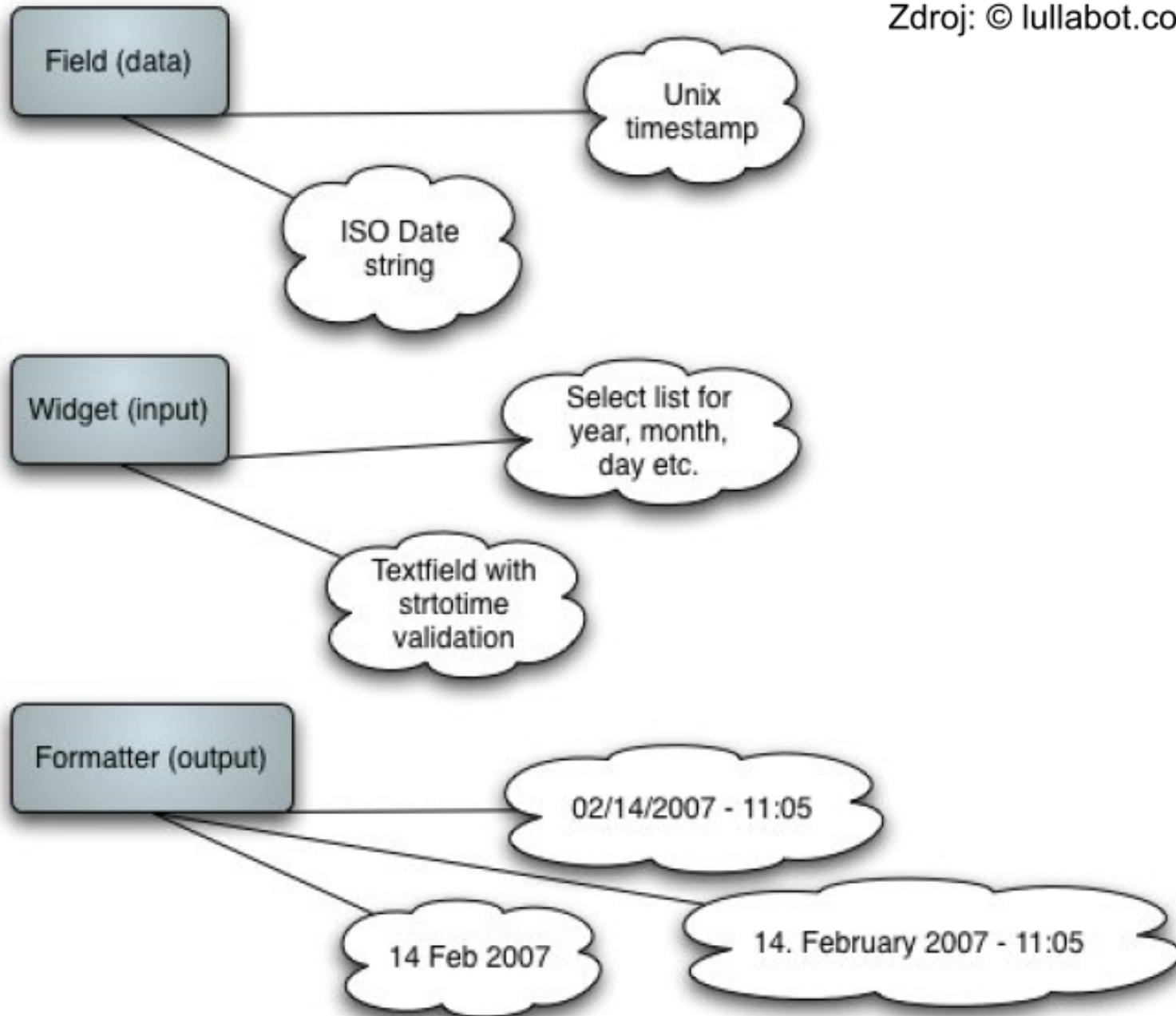


- CCK poskytuje UI pro vytváření typů obsahu
- stará se o ukládání a nahrávání dat z databáze
 - automaticky vytváří DB tabulky s příslušnými sloupečky (single vs. multiple)
 - kromě toho ukládá podrobné nastavení všech definic políček do vlastní tabulky (metadata)
- dále poskytuje
 - formulářové prvky (widget) a jejich validaci,
 - zobrazení dat je možné několika způsoby pomocí formátovačů (formatters)

MODUL CCK



Zdroj: © lullabot.com



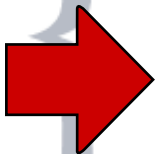
MODUL CCK

CONTENT CONSTRUCTION KIT

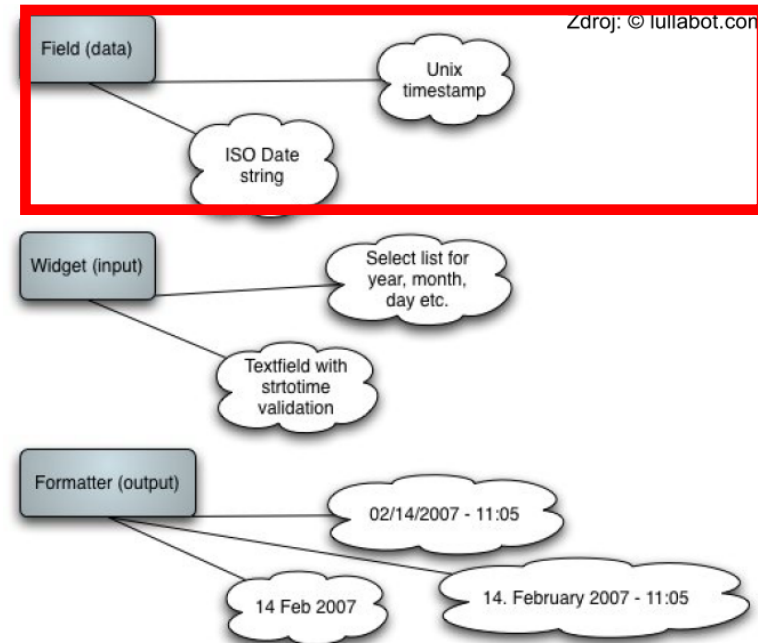


Show row weights

LABEL	NAME	FIELD	WIDGET	OPERATIONS
+ Title	title	Node module element		
+ Tags	field_tags	Term reference	Autocomplete term widget (tagging)	edit delete
+ Body	body	Long text and summary	Text area with a summary	edit delete
+ Image	field_image	Image	Image	edit delete
+ Add new field				
<input type="text" value="Barva"/>	field_ <input type="text" value="barva"/>	<input type="text" value="List (text)"/>	<input type="text" value="Check boxes/radio buttons"/>	
Label	Field name (a-z, 0-9, _)	Type of data to store.	Form element to edit the data.	



Save





Updated field Barva field settings.

ARTICLE SETTINGS

These settings apply only to the Barva field when used in the Article type.

Label *

Barva

Required field

Help text

Zvolte barvu

Instructions to present to the user below this field on the editing form. Allowed HTML tags: <a> <big> <code> <i> <ins> <pre> <small> <sub> <sup> <tt> <p>

DEFAULT VALUE

The default value for this field, used when creating new content.

Barva

- N/A
bílá
červená
zelená
modrá

BARVA FIELD SETTINGS

These settings apply to the Barva field everywhere it is used.

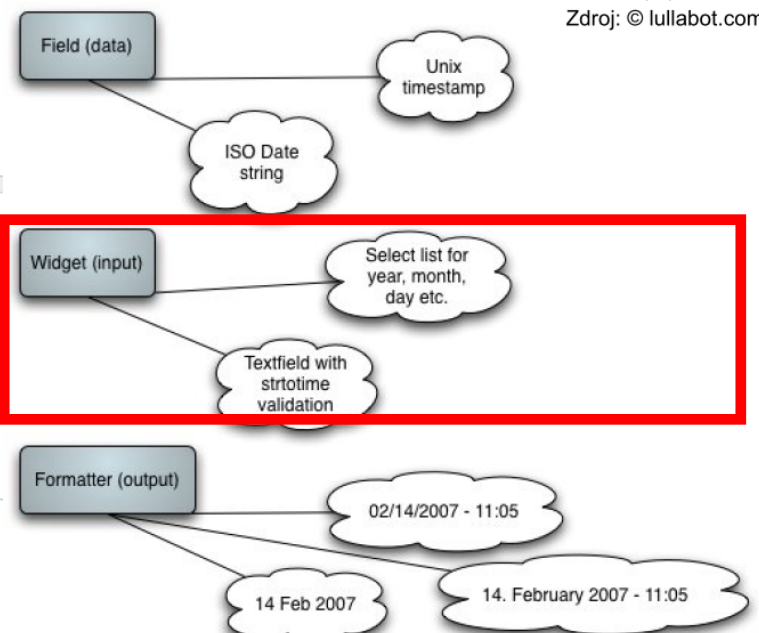
Number of values

1

Maximum number of values users can enter for this field.

Allowed values list

FFFFFF|bílá
FF0000|červená
00FF00|zelená
0000FF|modrá



Zdroj: © lullabot.com

BARVA FIELD SETTINGS

Save settings

Content items can be displayed using different view modes: Teaser, Full content, Print, RSS, etc. *Teaser* is a short format that is typically used in lists of multiple content items. *Full content* is typically used when the content is displayed on its own page.

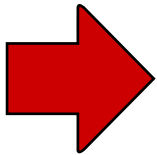
Here, you can define which fields are shown and hidden when *Article* content is displayed in each view mode, and define how the fields are displayed in each view mode.

Show row weights

FIELD	LABEL	FORMAT
+ Image	<Hidden>	Image Image style: large
+ Body	<Hidden>	Default
+ Tags	Above	Link
+ Barva	Above	Default

Hidden

No field is hidden.

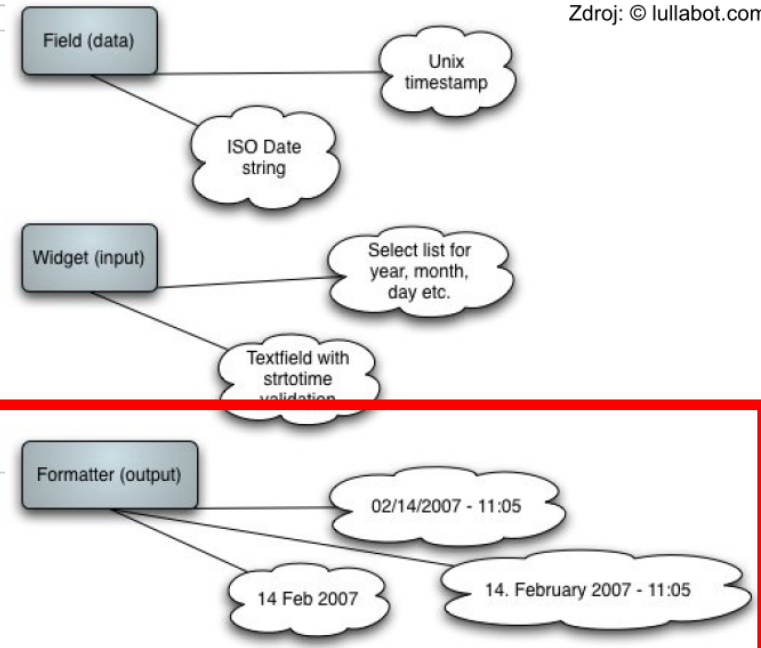


CUSTOM DISPLAY SETTINGS

Use custom display settings for the following view modes

- Full content
- Teaser
- RSS
- Search index
- Search result

Save



Create Article

Title *

Můj první článek

Tags

hlavní kategorie

Enter a comma-separated list of words to describe your content.

Body (Edit summary)

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quisque hendrerit est non nulla porta sed sagittis ipsum rhoncus. Sed adipiscing ultricies tortor nec fermentum. Etiam vel sagittis turpis. Proin sed facilisis odio. Curabitur turpis diam, convallis ullamcorper mollis condimentum, tristique interdum metus. Aliquam dolor magna, porta et venenatis a, porttitor porta dolor. Ut accumsan diam vitae nibh bibendum sit amet volutpat augue auctor. Cras id velit vitae orci ultrices dapibus. Praesent augue nec interdum sit amet commodo eu. Phasellus nec massa. Nullam faucibus eleifend enim sed facilisis. Vivamus non metus.

Text format **Filtered HTML**

[More information about text formats ?](#)

- Web page addresses and e-mail addresses turn into links automatically.
- Allowed HTML tags: <a> <cite> <blockquote> <code> <dl> <dt> <dd>
- Lines and paragraphs break automatically.

Image

Vybrat...

Upload an image to go with this article.

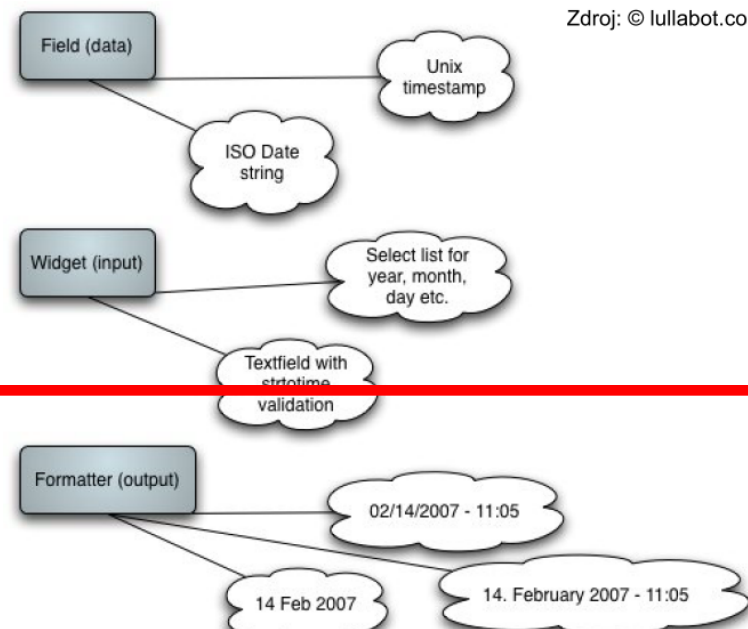
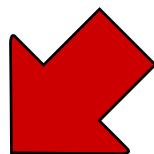
Files must be less than **8 MB**.

Allowed file types: **png gif jpg jpeg**.

Barva *

- bílá
- červená
- zelená
- modrá

Zvolte barvu



✔ Article *Můj první článek* has been created.



Navigation

▶ [Add content](#)

Můj první článek

[View](#) [Edit](#) [Devel](#)

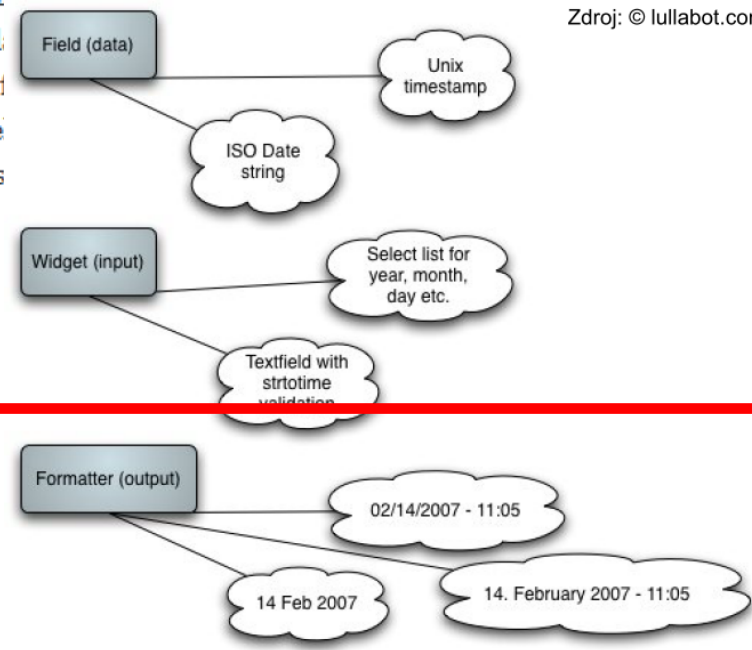
published by [admin](#) on Fri, 03/04/2011 - 18:08

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quisque hendrerit est non nulla porta sed sagittis ipsum rhoncus. Sed adipiscing ultricies tortor nec fermentum. Etiam vel sagittis turpis. Proin sed facilisis odio. Curabitur turpis diam, convallis ullamcorper mollis condimentum, tristique interdum metus. Aliquam dolor magna, porta et venenatis a, porttitor porta dolor. Ut accumsan diam vitae nibh bibendum sit amet volutpat augue auctor. Cras id velit vitae orci ultrices dapibus. Praesent augue nisi interdum sit amet commodo eu, pharetra nec massa. Nulla vivamus non metus nulla, id luctus lacus. Mauris egestas tincidunt sodales. Aliquam in quam non velit dapibus blandit. Phaseolus proin varius gravida lorem sit amet bibendum. Aenean jus sed massa.

Tags:
[hlavní kategorie](#)

Barva:
červená

[Add new comment](#)



MODUL VIEWS

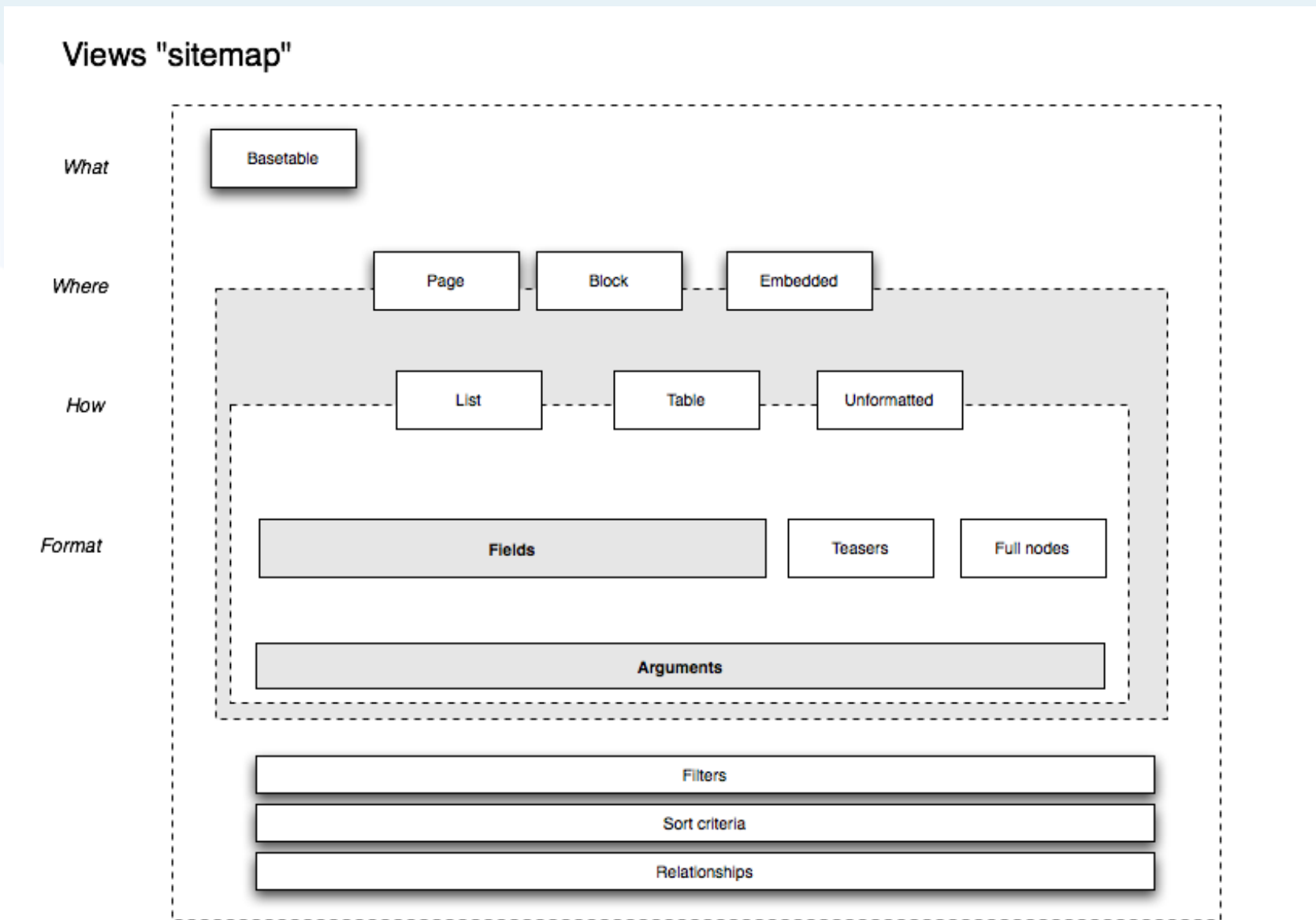
TVORBA POHLEDŮ NA DATA



- nástroj na generování pohledů na data
- vizuální editor pro vytváření dotazů
- filtrování, třídění dat
- široké možnosti formátování
 - nativní formátování - např. zobrazit celý uzel
 - nebo vlastní - např. zobrazit jako tabulku
- vytváření hlavního obsahu nebo bloků, RSS zdrojů, CSV, XML apod

MODUL VIEWS

TVORBA POHLEDŮ NA DATA



View *barvy*, displaying items of type **Node**.

Defaults

Defaults *Default settings for this view.*

Page

Page

Add display

Reorder

Analyze

View settings

Human name: [barvy](#)

Tag: [None](#)

Description: [Články dle barev](#)

Basic settings

Name: [Defaults](#)

Comment: [No comment](#)

Title: [None](#)

Display status: [Enabled](#)

Use pager: [Paged, 10 items](#)

More link: [No](#)

Access: [Unrestricted](#)

Advanced settings

Use AJAX: [No](#)

Use grouping: [Yes](#)

Query settings: [Settings](#)

Caching: [None](#)

Style settings

Style: [HTML List](#)

Row style: [Fields](#)

CSS class: [None](#)

Theme: [Information](#)

Exposed form

Exposed form in block: [No](#)

Exposed form style: [Basic](#)

Header

None defined

Footer

None defined

Empty text

Global: [Text area](#)

Fields

Node: [Title](#)

Fields: [field_barva](#)

Relationships

None defined

Arguments

None defined

Sort criteria

Node: [Post date asc](#)

Filters

Node: [Published Yes](#)

Node: [Type = Article](#)

Click on an item to edit that item's details.

Save

Cancel

Delete

Defaults: How should this view be styled

- Grid
- HTML List
- Jump menu
- Table
- Unformatted

If the style you choose has settings, be sure to click the settings button. You may also adjust the [settings](#) for the currently selected style by clicking the settings icon.

Update

Cancel

Exposed form style: [Basic](#)



Defaults: Add fields

Groups

Fields

- Fields: body
Appears in: node:page, node:article
- Fields: field_barva
Appears in: node:article
- Fields: field_image
Appears in: node:article
- Fields: field_tags
Appears in: node:article

Add

Cancel

MODUL VIEWS

TVORBA POHLEDŮ NA DATA



Live preview

Display

Defaults ▾

Arguments

Automatic live preview

Preview

Separate arguments with a / as though they were a URL path.

- červená
- modrá
- bílá
- modrá
- červená
- bílá
- bílá
- bílá
- zelená
- červená



1 2 next > last »

Query

```
SELECT node.nid AS nid, 'node' AS field_data_field_barva_node_entity_type
FROM
{node} node
LIMIT 10 OFFSET 0
```

Title

Path

This display has no path.

Query build time

2.02 ms

Home



Navigation

- ▶ [Add content](#)

bílá

- [Exputo Lenis](#)
bílá
- [Diam Dolus Genitus Pneum](#)
bílá
- [Blandit Letalis Singularis Sit](#)
bílá
- [Blandit Ea Haero Olim](#)
bílá

červená

- [Eum Ideo Rusticus](#)
červená
- [Abbas Et Rusticus Sed](#)
červená

modrá

- [Abdo Tum](#)
modrá
- [Lenis Mos](#)
modrá
- [Commoveo Facilisis Lenis](#)
modrá

zelená

- [Aliquip Interdico Vulpes](#)
zelená



A CO OBRÁZKY?

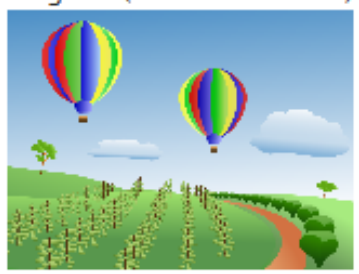


TVORBA POHLEDŮ NA DATA

- V Drupal 7 použijeme vestavěné Image Styles
- V Drupal 6 donistalujeme ImageCache a ImageApi

Preview

original (view actual size)



600px

800px

thumbnail (view actual size)



75px

100px

Image style name

thumbnail

This image style is being provided by *image* module and may not be renamed.

[Show row weights](#)

EFFECT	WEIGHT	OPERATIONS
+	Scale 100x100 (upsampling allowed)	

Override defaults



The view *bary* has been saved.

Home



Navigation

► [Add content](#)

bílá

- [Exputo Lenis](#)

bílá

field_image:



- [Diam Dolus Genitus Pneum](#)

bílá

field_image:



- [Blandit Letalis Singularis Sit](#)

bílá

field_image:



- [Blandit Ea Haero Olim](#)

bílá

field_image:



červená



PANELS

KDYŽ PEVNÉ REGIONY NESTAČÍ



- Vytváření flexibilních dynamických šablon a layoutů stránek bez nutnosti kódovat extra šablony
- Definování libovolných regionů
- Možné měnit i "za provozu"

PANELS

KDYŽ PEVNÉ REGIONY NESTAČÍ



Click Submit to be presented with a complete list of available content types set to the defaults you selected.

Select allowed layouts:



Flexible



Single column



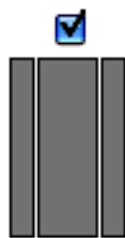
Three column
33/34/33
stacked



Three column
33/34/33



Two column
bricks



Three column
25/50/25



Three column
25/50/25
stacked



Two column



Two column
stacked


PANELS

KDYŽ PEVNÉ REGIONY NESTAČÍ



Prvky webu Správa obsahu Nastavení webu Uživatelé Logy Advanced help nápověda 0 / 1 Log out admin

Program Přihláška témat Přednášející



Barcamp Brno 2010

Domů Frontpage

Frontpage Zobrazit Upravit Panel layout **Panel content** Devel

▼ Display settings

Top

"This node" body

- ▶ No info

Left side

View: sessions-Blok

- ▶ View information

Right side

View: presenters-Blok

- ▼ View information
 - Using display Blok.
 - 10 items displayed.
 - Without pager.


Bottom

Uložit Zrušit

Live preview

Náhled

© 2010 Drupal geek



PANELS

KDYŽ PEVNÉ REGIONY NESTAČÍ



The screenshot shows the Drupal administration interface. At the top, there is a navigation bar with links: Prvky webu, Správa obsahu, Nastavení webu, Uživatelé, Logy, Advanced help, and Nápořádání. On the right, it shows '0 / 1' and 'Log out admin'. Below this, there are links for 'Program', 'Přihláška témat', and 'Přednášející'. The main content area is partially visible, showing a 'Frontpage' section with a 'Panel content' and a 'Display settings' section. A dialog box titled 'Add content to Left side' is open, showing a list of content types and widgets that can be added to the left sidebar. The dialog has a 'Close Window' button in the top right corner. The list of content types includes: Breadcrumb, Cíle, Feed icons, Nápořádání, Název webu, Page footer message, and Page title. The list of widgets includes: Existing node and New custom content. The dialog also shows a 'Page elements' section with a right-pointing arrow, and a 'Page elements' section with a right-pointing arrow. The dialog also shows a 'Page elements' section with a right-pointing arrow.

Na řečičky ještě bude čas, takže rovnou k věci. Bude se konat 26. 6. 2010 od 9:15 do 18:30 na půdě Fakulty Informatiky Masarykovy Univerzity a zcela jistě to bude skvělá akce. Proč? Protože na ní přijdete, budete prezentovat své nápady a myšlenky, diskutovat nebo případně programovat o závod. Všichni se pak večer sejdem na afterparty (TBA).

PANELS

KDYŽ PEVNÉ REGIONY NESTAČÍ



Barcamp Brno 2010

Primární odkazy

- Program
- Přihláška témat
- Přednášející

admin

- Můj účet
- ▷ Vytvořit obsah
- ▷ Administrace
- Odhlásit

Development

- Devel settings
- Empty cache
- Execute PHP Code
- Function reference
- Hook_elements()
- PHPinfo()
- Rebuild menus
- Reinstall modules
- Session viewer
- Spustit cron
- Theme registry
- Variable editor

Kdo je online

Momentálně je online 1 uživatel a 0 hostů.

Druhý Český BarCamp je tady!

Na řečičky ještě bude čas, takže rovnou k věci. Bude se konat 26. 6. 2010 od 9:15 do 18:30 na půdě Fakulty Informatiky Masarykovy Univerzity a zcela jistě to bude skvělá akce. Proč? Protože na ní přijdete, budete prezentovat své nápady a myšlenky, diskutovat nebo případně programovat o závod. Všichni se pak večer sejdem na afterparty (TBA).

Frontpage

Zobrazit Upravit Panel layout Panel content Devel

Přednášky

Téma	Délka
Content Management Framework Drupal aneb 80% webu za pár hodin. Hodí se i pro mě?	45 min
Dílna: 7 tipů jak z Google Analytics vyždímat i to, co v nich teď nemáte: sledování vyhledávačů, soc. médií a vaše nápady.	43 min
Zkuste použít Foursquare pro marketing. Zamyšlení nad možnostmi, pár příkladů ze světa	31 min
Jak uspět s internetovým startupem na světových trzích - zkušenosti z praxe	25 min

more

Přednášející

1. Vojtěch Kusý



2. Jan Novák



3. František Dobrota



více

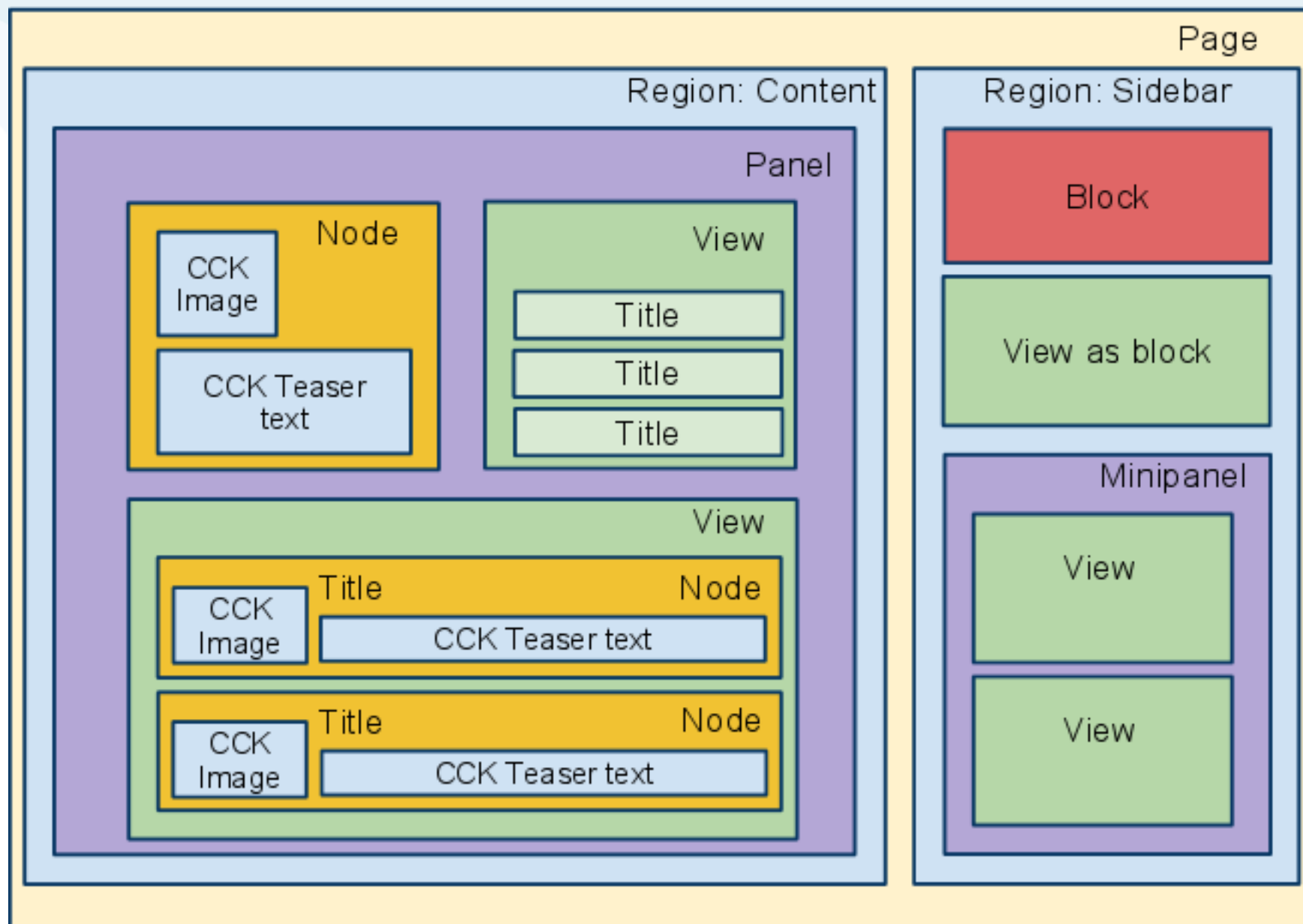
Za 50min to není špatný...

Za 50min to není špatný... ne?

VRSTVY NA DRUPAL WEBU



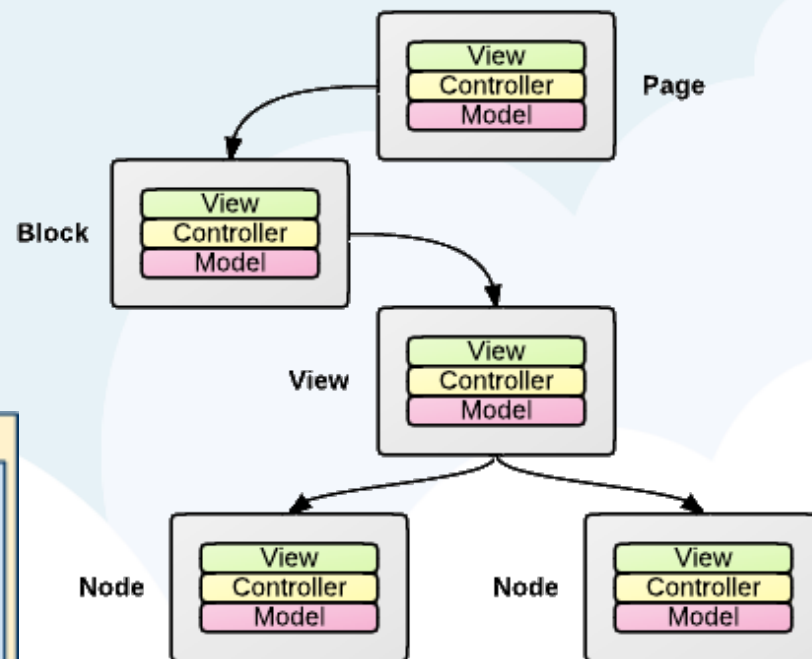
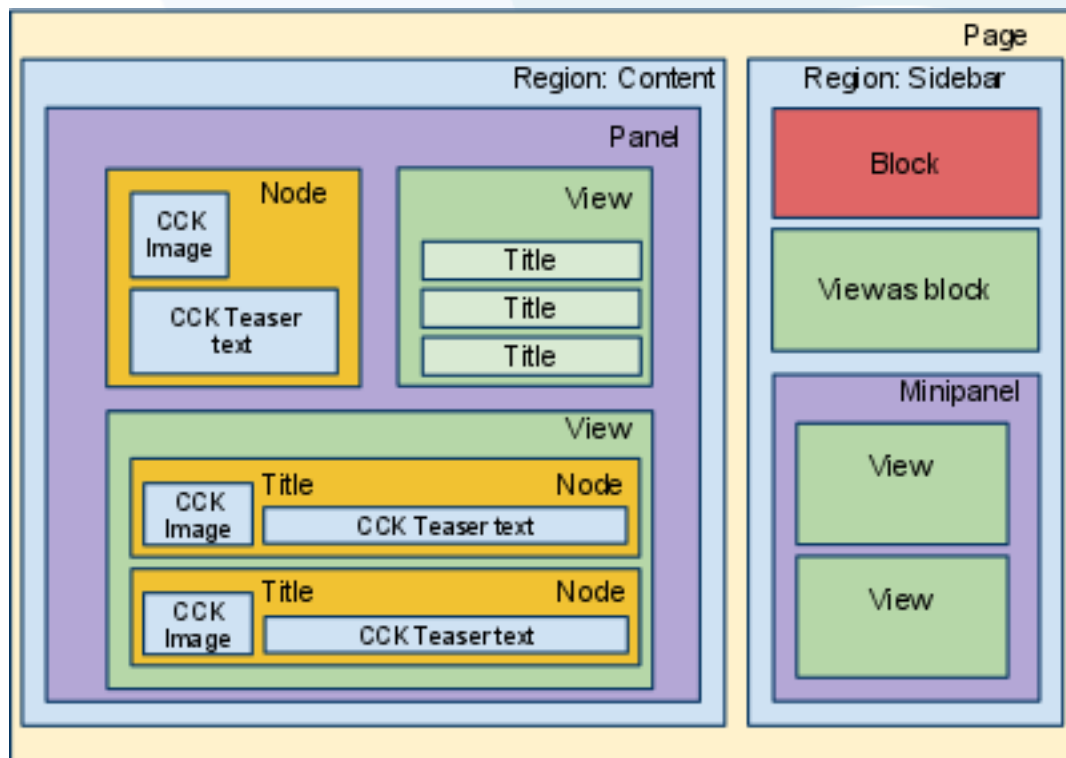
STRUKTURA STRÁNKY PŘI POUŽITÍ OBVYKLÝCH MODULŮ



VRSTVY NA DRUPAL WEBU



STRUKTURA STRÁNKY PŘI POUŽITÍ OBVYKLÝCH MODULŮ



KDO POUŽÍVÁ DRUPAL?



KDO POUŽÍVÁ DRUPAL?



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Use Drupal to build everything from personal blogs to enterprise applications. Thousands of add-on modules and designs let you build any site you can imagine.

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Sites Made with Drupal



[iHeartAdoption.org](#) - Educational and social networking site on Drupal 6

Drupal is used by some of the biggest sites on the Web, like [The Economist](#), [Examiner.com](#) and [The White House](#). Read more [Drupal success stories](#).

Develop with Drupal

8,103 Modules
963 Themes
4,772 Developers

This week
6,029 Code commits
7,491 Issue comments

[Drupal Core](#)
[Security Info](#)
[Developer Docs](#)
[API Docs](#)



553,566 people in 228 countries* speaking 182 languages power Drupal.



News ● Docs Updates ● Forum Posts ● Commits

[Personal battle plans for Drupal 8](#)


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GARMIN

Job hos Garmin Danmark?
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Vous êtes sur LA UNE Essayez LA UNE PLUS EN CE MOMENT : La réforme des retraites › Le procès Kerviel › La Coupe du monde › Wimbledon ›

Barack Obama limoge le général McChrystal

Réactions (12)

Vous êtes sur LA UNE Essayez LA UNE PLUS EN CE MOMENT : La réforme des retraites › Le procès Kerviel › La Coupe du monde › Wimbledon ›

Barack Obama limoge le général McChrystal

Réactions (12)

Stanley McChrystal, sur la sellette après avoir donné une interview très critique à l'égard de l'administration Obama, sera remplacé à la tête des forces alliées en Afghanistan par le général David Petraeus, homme clé de la guerre en Irak.

Le Flash
Actu Économie Sport

- 22h24 Mondial : Australie et Serbie éliminées
- 22h23 L'Allemagne bat le Ghana 1-0
- 22h07 Wall Street finit sans direction
- 21h31 Yade pour un "biqban" du foot français

Le Flash
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- 22h24 Mondial : Australie et Serbie éliminées
- 22h23 L'Allemagne bat le Ghana 1-0
- 22h07 Wall Street finit sans direction
- 21h31 Yade pour un "bigbang" du foot français
- 21h29 McChrystal: intérim d'un Britannique
- 21h23 Cnav/comptes: 3 ministres s'engagent
- 21h15 EPR/retards: Areva provisionne 400M €
- 21h02 Les Bleus ont décollé d'Afrique du Sud

Le Flash Actu 1/8

CAC 40 : 3.641,79 (-1,71%) Valeurs OK

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Jonny Wilkinson
Joueur international
de Rugby.

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Friday March 4th 2011

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The Republicans
Who dares take him on?


America's recovery
The new new normal

Daily chart
Libya and the oil price

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Economist Debates
The house believes that the internet is not inherently a force for democracy »

The Economist asks
Do America's public-sector unions have too much influence? »



Just as the world economy was recovering

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Iran's opposition leaders
Behind bars at last
The apparent arrest of dissident leaders marks a new stage in the struggle in Iran



From our blogs
Babbage on [what makes a blog](#)

Democracy in America says [states should stop offering subsidies to filmmakers](#)

Johnson offers [some advice to the Pentagon on the naming of ships](#)

Prospero on [the unexpurgated Mark Twain](#)

Buttonwood is [puzzled by](#)

Libya
A civil war beckons
As Muammar Qaddafi fights back, fissures in the opposition start to emerge (21)

- Leader: Should the Arabs and the West do anything to remove Qaddafi? (26)
- Qaddafi has enough military power at his disposal to make dislodging him a bloody and uncertain business (4)

Videographic: Libya's oil (4)

More in Middle East »



America and Libya
Libya and the Iraq syndrome
Does their caution in Libya show that Americans will make war no more? (6)

- Outrage over the Qaddafi regime has given tired institutions a new lease of life (2)

More in United States »



Aerospace
IAI takes wing
Israel's biggest defence firm is getting ready for privatisation

Most commented | **Most recommended**

1. Charlemagne: No time for doubters
2. Turkey and Europe: Mr Erdoğan goes to Germany
3. China's pre-emptive crackdown: The people doth not protest
4. Banyan: Taiwan's commonsense consensus
5. China's foreign policy: Setting sail for Libya
6. Insurance and rights: Can same-sex bathrooms be far behind?
7. Language and opinion: Framing climate change
8. Libya: The limpet's legions
9. French politics: The first European casualty of the Arab uprisings
10. British and American: USS Ponce

Over the past five days

Latest blog posts - All times are GMT

The ECB tightens the noose
From **Free exchange** - 17 mins ago

A Greek hoard with a German accent
From **Prospero** - 32 mins ago

All countries with passenger trains also have highways

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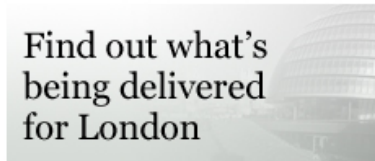
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Making volunteering easier



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Find out what's being delivered for London






Have your say


Current consultations:

- [Olympic Park Legacy Corporation - Proposals by the Mayor of London](#)
UNTIL 28 APRIL 2011
- [Revised Section 106 chapter, Vauxhall Nine Elms Battersea OAPF](#)
UNTIL 25 MARCH 2011

See all: [Consultations](#) → [Public Meetings](#) →

Events


-  [People's Question Time, Wandsworth](#)
15 MARCH 2011
-  [St Patrick's Day](#)
13 MARCH 2011
-  [Russian Maslenitsa in London](#)



[Is London a victim of its own success?](#)

Anthony Browne, the Mayor's Economic Advisor asks whether London's success means the government ignores it.


[City Hall blog](#) →



[A Vote of Confidence?](#)

This new report from the Assembly's Elections Review Working Group details lessons learned from the 2010 Elections.

[Assembly publications](#) →



[Are you organising an event in 2012?](#)

If you're planning a 2012 event, you must give London's public services providers plenty of notice, and supply all details by 31 March.

[London 2012](#) →

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LIBYA

The President says that "Muammar Gaddafi has lost the legitimacy to lead and he must leave," pledging that "those who perpetrate violence against the Libyan people will be held accountable."

[Read the Remarks](#)

1 2 3 4

White House Photo, Samantha Appleton, 3/3/11

FEATURED TOPICS

The Commencement Challenge
John Legend wants your school to apply for the Commencement Challenge for a chance to have President Obama deliver the commencement address at your high school. Deadline: March 11th!

[Learn More](#)

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PHOTO *of the* DAY

THE BLOG

March 4, 2011 at 2:03 PM EST

You've Got A Friend In the Trend

Jared Bernstein, Chief Economic Advisor to the Vice President, takes a different look at private sector jobs gains and losses over the last three

WHITE HOUSE SCHEDULE

[The President's Schedule](#)
[The Vice President's Schedule](#)

FEATURED LEGISLATION

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ARPA-E Energy Innovation Summit

The 2nd annual ARPA-E Summit wrapped up this week, and we were there to capture some of the keynotes and more memorable moments on film. Take a look if you missed.

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a consumer

a business

a researcher

an educator

a student

an employee



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GRAMMY.COM

The screenshot shows the GRAMMY.com website interface. At the top, there is a navigation bar with links to GRAMMY.org, THE RECORDING ACADEMY, GRAMMY FOUNDATION, MUSICARES, THE LATIN RECORDING ACADEMY, GRAMMY MUSEUM, and GRAMMY 365. Below this is a secondary navigation bar with LOGIN | REGISTER, FOLLOW ON (social media icons for Facebook, Twitter, YouTube, LinkedIn, and Tumblr), and a search bar. The main header features the GRAMMY.com logo and a promotional banner for "The 53rd Annual GRAMMY Awards" to be watched on CBS on February 13 at 8 PM ET/PT, with a "Thanks for watching!" button. A horizontal menu contains links for Home, Photos, Videos, GRAMMY Live, Blogs, News, Winners, Radio, Press, Sponsors, and Store. The main content area is divided into a large featured section and a sidebar. The featured section has a background image of three women (Lady Gaga, Esperanza Spalding, and Lady Antebellum) and is titled "Ladies First". Below the image, it lists the winners and provides links to "Quotebook", "President/CEO on Academy's mission", and "GRAMMY Live encore". The sidebar contains five article teasers, each with a small image and a title: "Ladies First", "Bieber, Usher And Arcade Fire Now In iTunes Store", "Charo Leaves The Bull Behind", "Watch The Full Pre-Telecast Ceremony", and "GRAMMY In The Schools Website Relunched". At the bottom, there are sections for "NEWS" (with a small image of Charo) and "BLOGS" (with a link to "More Blogs" and a featured article titled "Barry Weiss Exits Sony" posted on Friday at 10:23 AM). The "FEATURED VIDEOS" section is also visible but empty.

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SHC.STANFORD.EDU

The screenshot shows the homepage of the Stanford Humanities Center website. At the top left, a dark red box contains the text "STANFORD HUMANITIES CENTER" in white. To the right, a navigation menu includes "About the Center", "Calendar", "Contact Us", and "People". A search bar with the placeholder "Search this site..." and a magnifying glass icon is also present. Below the navigation, a horizontal menu lists "Fellowships", "Workshops", "Events", "Intellectual Life", "Collaborations", and "International Programs". The main content area features a large banner for an "EVENT SPOTLIGHT" on "TIM O'BRIEN". The banner includes a graphic with the word "ETHICS" in yellow and "AND" in white, above a red ink splatter. The text below the graphic reads: "ON JANUARY 24, 2011, AWARD-WINNING AUTHORS TIM O'BRIEN AND TOBIAS WOLFF DISCUSSED WRITING ABOUT THE VIETNAM WAR TO AN OVERFLOW CROWD AT CUBBERLEY AUDITORIUM." Below the banner, there are four columns of content: "UPCOMING EVENT" featuring Ruth Reichl; "IN THE NEWS" featuring Arnold Rampersad; "INTERNATIONAL VISITORS" featuring Milica Tomic; and "WORKSHOP PROPOSAL DEADLINE" with a deadline of April 6, 2011. At the bottom, there are three sections: "News & Announcements" with a link to "Former Fellow Arnold Rampersad"; "Research Opportunities"; and "Support the Center" with a link to "Gifts to the Center vitalize".

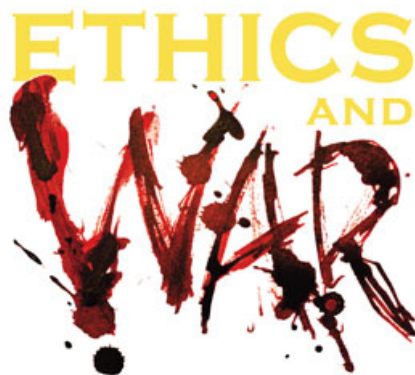
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EVENT SPOTLIGHT

TIM
O'BRIEN

ON JANUARY 24, 2011, AWARD-WINNING AUTHORS TIM O'BRIEN AND TOBIAS WOLFF DISCUSSED WRITING ABOUT THE VIETNAM WAR TO AN OVERFLOW CROWD AT CUBBERLEY AUDITORIUM.

UPCOMING EVENT



MARCH 29, 2011

Ruth Reichl, Author, Restaurant Critic, Former Editor-in-Chief of Gourmet Magazine

IN THE NEWS



ARNOLD RAMPERSAD

Former fellow Arnold Rampersad receives the 2010 National Humanities Medal

INTERNATIONAL VISITORS



MILICA TOMIC

Serbian artist Milica Tomic at Stanford

WORKSHOPS



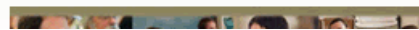
WORKSHOP PROPOSAL DEADLINE

Deadline for 2011-12 research workshop proposals is April 6, 2011

News & Announcements

- [Former Fellow Arnold Rampersad](#)

Research Opportunities



Support the Center

[Gifts to the Center vitalize](#)

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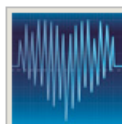
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Global Duke

Duke's campus starts in North Carolina and extends to the world, with students from more than 90 countries and programs around the globe.

▶ Watch the video. Read the stories.

DUKE NEWS



You Gotta Have Heart: Positive Outlook Increases Heart Patient's Survival

MARCH 02



Classical Students: Group Keeps Antiquity Studies Lively and Vital

MARCH 01

EVENTS @ DUKE

MARCH 04 | 3:00 PM
[DETAILS](#)

Herbarium Tour: Duke University

Sarah P. Duke Gardens

MARCH 04 | 7:00 PM
[DETAILS](#)

Duke Teaching Observatory: Public Stargazing

Duke Teaching Observatory

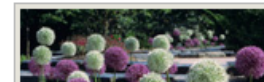
At Duke...

1-2 3-4 5-6 7-8



DUKE STUDENTS: WHO ARE THEY?

Multimedia presentation shows how the makeup of the undergraduate class has changed



DUKE GARDENS

The first signs of spring appear in the Sarah P. Duke Gardens on

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KLÍČOVÉ VLASTNOSTI DRUPALU

- + Rozšiřitelnost
- + 7500 modulů a témat na drupal.org
- - Málo kvalitních témat
- + AŽ 80-100% i u velkých webů lze vyřešit pouhou konfigurací přes UI
- - Konfigurace je držena v databázi, nešikovné pro dlouhodobý vývoj (ale nástroje už existují)

DRUPAL - VLASTNOSTI



KLÍČOVÉ VLASTNOSTI DRUPALU

- + Bezpečnost
- + Škálovatelnost
- + Vývojářská komunita
- + Důraz na standardy a dokumentaci
- - Bez podpůrných systémů náročný na zdroje
- +/- Není zpětná kompatibilita (hlavní verze)

D7 NOVINKY

NOVINKY V DRUPALU 7



- hnutí **D7UX** - velký důraz na použitelnost
- **Entity** - "nové nodes"
- **Fields API** - CCK v jádře
- **DBTNG** - nová objektová DB vrstva
- **Simpletest** - automatické testování v jádře
- **RDFa** - Web 3.0 na dosah
- **jQuery UI** - v jádře
- **Image Styles** - ImageCache a ImageApi v jádře
- **Overlay**
- ...
- celkem bylo do jádra zapracováno cca 50 modulů

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21 - 26. SRPNA 2011



DRUPALCON LONDON 2011



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ON**

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DrupalCon is coming to London on 21st - 26th August 2011.

DrupalCon is an international event that brings together the people who use, develop, design and support the Drupal platform. DrupalCon London 2011 will feature content from the most influential people and brightest minds within the Drupal community and beyond, in addition to countless opportunities for networking, code sprints, and more.

KEEP ALERT

You can keep up to date with news about DrupalCon London by way of these networks:

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We are now in the position to bring more volunteers on board. Please sign up on drupalcon.org.uk.

DÍKY ZA POZORNOST

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"Come for software, stay
for community"

Vojtěch Kusý @wojtha

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Atomic Ant Ltd.

<http://atomicant.co.uk>

<http://atomicant.cz>