

Dos and Don'ts of Designing in Drupal

George DeMet
Drupalcon Szeged 2008



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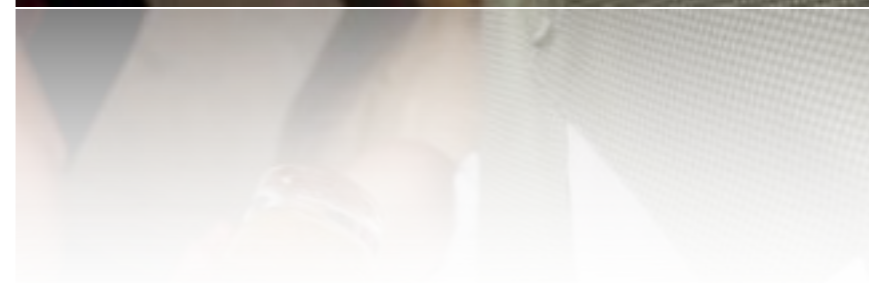
- How to write HTML or CSS
- The nuts and bolts of building a theme or subtheme from scratch
- How to create cool layouts using fancy tools like Panels
- Fundamentals of design

Who is George DeMet?



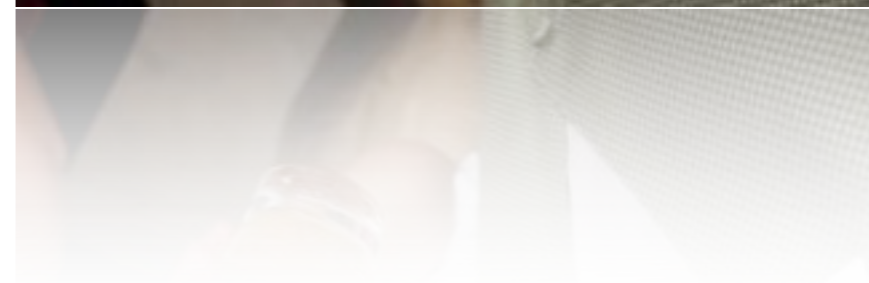
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Who is George DeMet?

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- Developing Web sites since 1994
- Created the Internet's first *2001:A Space Odyssey* fan site (not updated since 2001)





Chicago, Illinois, home of the Bat-Man



George DeMet, Tiffany Farriss, and some guy

What we do

What we do

- Collaborations with design firms

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- End-to-end design and development projects

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- Collaborations with design firms
- End-to-end design and development projects
- Web applications using custom and out-of-the box themes



INDIANAPOLIS MUSEUM OF ART

Search

Enjoy an afternoon exploring our galleries, strolling our gardens and grounds, or discovering the past at our historic home.



IMA Summer Nights

fridays beginning june 6

Click here for the 2008 schedule

Summer Nights Film Series



Calendar Lectures Films Classes Events

Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	26	7	8	9		
10	Tuesday, August 26, 2008		14	15	16	

- Hours + admission
- Getting here
- Contact information
- Facility rentals
- Tours
- More -

Today the IMA is open **11 to 5** and **admission** to the galleries and Lilly House is free. The gardens and grounds are **open dawn to dusk.**

Indianapolis Museum of Art

THE COLLEGE | ARTS & SCIENCES

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Username

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SEARCH

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- Academic Policies & Programs
- Incoming Students
- Advising
- Student Support Services
- Scholarships, Fellowships & Research



Arts & Sciences at Washington University in St. Louis

Brittany, France The Port-Aven Consortium... more

St. Louis, MO St. Louis for Kids... more

Clarian Health, Indianapolis, IN Clarian Health: A Woman's Heart, traveling exhibition by Herron students, 2004... more

HERRON

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HOOC, Indianapolis, IN Indiana State Hispanic Chamber of Commerce... more

Muskegon, MI Learn to Glow, Environmental Stewardship Program for K-12 Schools... more

Herron School of Art and Design



Ragdale



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Mission:

The Ragdale Foundation supports writers and artists in a retreat setting and makes the arts more accessible to the public through three core program areas:

[Artists' residency program](#)

[Community programs](#)

[Preservation of the historic site](#)

Community. Creativity. Home.

Ragdale is an artists' retreat located on the grounds of Arts and Crafts architect Howard Van Doren Shaw's 1897 summer home in Lake Forest, IL.

The artists' community, which is situated just 30 miles north of Chicago and overlooks 50 acres of prairie, now hosts over 200 emerging and established artists of all disciplines each year.

These writers, artists, and composers come from around the country and the world to work and experience Ragdale's remarkable gifts of community, tranquility, and creativity.



2008 Resident: Rhonda Wheatley

News and Events...

- [Ragdale announces the Alice Hayes Fellowship - More info>](#)
- **3Arts** [Ragdale Announces New 3Arts Fellows - More info>](#)
- [A Novel Affair - October 3 & 4 - More info>](#)



The Ragdale Foundation

1280 North Green Bay Road, Lake Forest, Illinois 60048

phone: (847) 234-1863

Ragdale Foundation



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Welcome to Kohl Children's Museum of Greater Chicago ... where children ages birth to 8 are Learning to Grow!



[Check an Entire Family Off Your Shopping List](#)

If you're searching for the perfect gifts for families with young children, look no further than Kohl Children's Museum! At only \$110 for the entire family, Kids Club Plus memberships make great gifts. Give a gift they can use all year long! [>> Buy Now](#)

Museum Info

Hours
Monday 9:30 a.m. - 12 p.m.
Tuesday-Saturday 9:30 a.m. - 5 p.m.
Sunday 12-5 p.m.
Members Only 9-9:30 a.m. (Monday-Saturday)

Admission
Members: Free
Children Under 1: Free
Adults and Children: \$7.50
Grandparents and Seniors (55 and older): \$6.50

Location
 2100 Patriot Boulevard
 Glenview, IL 60026
[>> Get Directions](#)

Field Trips

Plan Your Party

It Pays to Be a Member!
 Members get free admission and exclusive discounts every day at Kohl Children's Museum.

Kohl Children's Museum of Greater Chicagoland



Gross Point Lighthouse

WHAT'S NEW:

Small Banks, Big Competition

Big banks have landed on the front pages of business sections with billion dollar writedowns and losses, while fears at smaller banks like IndyMac have also caused problems. So, given the current banking environment, does size really matter?.../ [more](#)

Electronic Statements are Now Available

Are you tired of waiting for your statement to arrive in the mail?.../ [more](#)

Going Green

First Bank & Trust has been studying the opportunities to increase our position as a "green bank".../ [more](#)

First Bank & Trust

So, how do you do it?

First: nail down the
functionality

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- Listen to the client

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- Think about the users

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- Wireframe

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- List of modules, block regions, content types, views, panels, taxonomy
- Using this, a developer should be able to begin building the site without any idea what it will look like

Wireframes

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- Helps the developer understand the context for the site's functionality
- Helps the themer understand what block regions will be used on the site before they start building



The Collection

African and Amerindian

American

Ancient

Architecture

Arms and Armor

Asian

Contemporary

European Decorative Art

European Painting

European Sculpture

Photography

Prints and Drawings

Textiles

Thorne Miniature Rooms

Search for Art

Provenance Research Project



Highlights: European Painting - Georges Pierre Seurat, A Sunday on La Grande Jatte



Featured events

5/31 11am Opening of "Zero Gravity: The Art Institute, Herta and Paul Amirian Building for a New Century"

Search for art

by artist name

Seurat, Georges

by style

AIC Collections: before Drupal

You are here: [Home](#) > The Collection

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[European Decorative](#)



Related events

All events

08/28 5:30 pm

Summer Music Series—Hans Zvarek with Keith Baumert

Quick search

More search options

Artist or Culture:

AIC Collections: After Drupal

Design deliverables

Design deliverables

- Layered Photoshop or Illustrator design files

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- Layered Photoshop or Illustrator design files
- Content

Design deliverables

- Layered Photoshop or Illustrator design files
- Content
- Style guide

BBC style guide

BBC style guide

- http://www.bbc.co.uk/guidelines/newmedia/desed/visual_language.shtml

How do you bring
together design and
functionality?

Design implementation document

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- A marked-up PDF of the design templates that has comments targeted at both the client and the internal development team

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- A marked-up PDF of the design templates that has comments targeted at both the client and the internal development team
- A mash-up of the design concept and the data model



Graycor Industrial

Graycor Industrial is a heavy industrial construction leader throughout North America in metals, power and process. From forging ahead with new generation power projects to rebuilding blast furnaces, we take on tough jobs of all sizes.



Graycor Blasting

Graycor Blasting has been a world-class provider of industrial cleaning and maintenance services since 1925. We know what it takes to keep your business running smoothly, and our approach is tailored to meet your needs.



Latest news

Graycor Industrial Constructors build strength in the greater Pittsburgh/Ohio River Valley areas.

[Full story >](#)

Graycor Industrial Constructors completes record-breaking projects in the steel industry.

[Full story >](#)

Mike Kullik of Graycor Construction Company named Outstanding Estimator of 2007-08 by ASA Chicago.

[Full story >](#)

Safety at Graycor

**ACHIEVING.
TOGETHER.**

That's true partnership.
That's Graycor.
(play again)

Graycor final site

So now we can start
theming, right?

Wrong!

Be Zen

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- Zen is more than just a “starter” theme, it’s a theme development framework

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- Zen is more than just a “starter” theme, it’s a theme development framework
- Zen has great subtheme support built-in
- Hacking Zen is like hacking core, don’t do it!



**Every time you hack core
God kills a kitten**

Please, think of the kittens!

Public Service Announcement
courtesy of Greg Dunlap (heyrocker)

Interactive prototype

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- Account for all use cases, show semantic markup, layout

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- Account for all use cases, show semantic markup, layout
- Use greeked text, FPO images
- Real sitemap, real page titles, some real content

Okay, *now* it's safe to
start theming

Building a theme, not a skin

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- What do you think this is, WordPress?

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Building a theme, not a skin

- What do you think this is, WordPress?
- Always build for the future, even if you aren't there today
- Even if elements aren't being used on the site at launch, make sure that they get styled so that they won't look ugly when turned on

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- Drupal is supposed to make your life easier; don't fight with it!

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- Use Google Docs for feedback

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- When everyone has signed off, push it live!

Tips n' tricks for working with designers

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- **Insist on consistency**

Tips n' tricks for working with designers

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- Watch your profiles

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- Progressive enhancement is your best exit strategy

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<http://www.palantir.net/blog/sustainable-markup-how-be-a-themer-drupal>

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- On using sustainable theming techniques for Graycor:
<http://www.palantir.net/blog/graycor-drupal->