

Drupal + Git

Robin Camille Davis

Emerging Technologies & Online Learning Librarian

Lloyd Sealy Library

**JOHN
JAY** COLLEGE
OF
CRIMINAL
JUSTICE

Drupal

Free & open source software

Drupal version 7

First installed 2012

Overall: very pleased

Flexible content types

Workshop type

- Title
- Description
- Date/time

Calendar view options


- Today's workshop
- Next 10 workshops
- Workshops by title
- ...Etc.

Title *

Mapping Data with Social Explorer

Body (Edit summary)

Need to make a map of crime rates in the US, or CO2 emissions across the country? In this workshop, you'll make interactive maps from datasets using [Social Explorer](#). Maps can be exported and shared.



Disable rich-text

Insert image or link.

Text format Filtered HTML[More information about text format](#)

- Lines and paragraphs break automatically.
- Web page addresses and e-mail addresses turn into links automatically.

[Show more](#)

WORKSHOP_TIME *

WORKSHOP_TIME *

Month * Day * Year * Hour * Minute * *
 Oct 18 2016 2 00 pm

+

to: *

Month * Day * Year * Hour * Minute * *
 Oct 18 2016 2 30 pm

Modules (plugins)

Superfish
menu

Quicktabs

Views
slideshow

The screenshot shows the Lloyd Sealy Library website with several modules highlighted by yellow boxes:

- Superfish menu:** A horizontal navigation bar at the top with items: Find, Services, About, Ask us, Students, Faculty.
- Quicktabs:** A set of tabs for search categories: Articles, Books, Media, Journal titles, OneSearch.
- Form:** A search interface with a dropdown menu for "Choose a database", a text input for "Multiple database search", and a "Search" button.
- Date/time:** A box displaying "Today's hours: 8:30am to 6:00pm. See full calendar »".
- Quick links:** A list of links including APA & MLA citation, eReserves, Research guides, Interlibrary Loan, Library basics, Special Collections, Tutorials, Digital Collections, Blackboard, and Academic Works.
- Footer:** A row of service links: Reserve group study room, Renew books, Research guides, eReserves, Contact a librarian, Chat is offline.
- Views slideshow:** A banner for "LIBRARY AMNESTY" with the text "Bring your overdue library books back—no fine! Check if you're eligible »" and dates "November 14-23 only".
- Date/time:** A table of "Upcoming workshops" with columns for workshop name, day, date, and time.

Date/time

Date/time

Drupal content management

Page content updates:

- Any librarian
-

Hours, workshop updates:

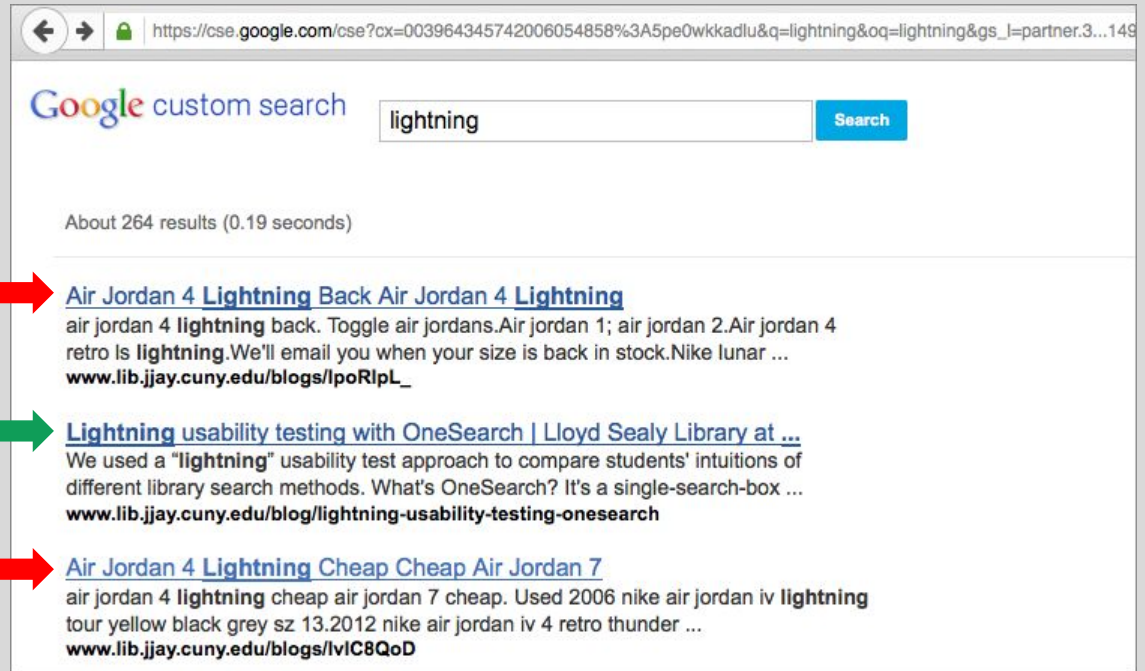
- Assistant to Chief Librarian

Maintenance & design:

- Librarians
 - Website committee
- Part-time webmaster
- Systems manager
- Consultant (2012-13 to get off the ground)

The time we were hacked

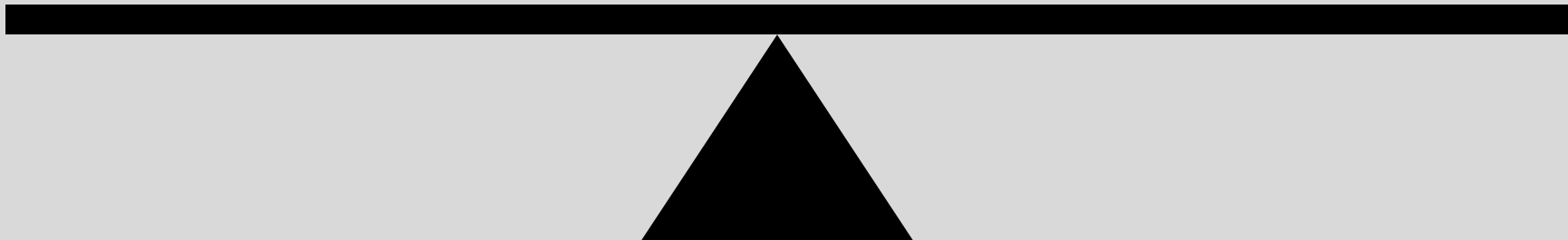
- Cloaked URLs invisible to humans
- Hacker used old account from previous employee
- Locked out within days
- Lessons learned:
Constant vigilance!
Careful permissions!



The Drupal experience

Highly customizable
Lots of control

Steep learning curve
Lots of fiddly bits



The Git logo consists of the word "Git" in a bold, black, sans-serif font, centered within a bright yellow square background.

Git

Version control

“Track changes” for code

Git is free, open source
software

Often used with **GitHub**, a
web-based hosting service
(freemium)

Git log

Commits on Nov 16, 2016



style changes to the homepage slideshow and the link underneath

ChunhuiMeng committed 2 days ago



a3a40dc



Commits on Sep 22, 2016



Table width for workshop display

robincamille committed on Sep 22



05184f0



Workshop display for lounge screen

robincamille committed on Sep 22



431ce03



Commits on Sep 15, 2016



Hours calendar styling - Closed day background

robincamille committed on Sep 15



b1ddcfd



Hours calendar styling

robincamille committed on Sep 15



905715c



The Git experience

Learning Git on the
command line:
weird but okay



The Git experience

Learning Git on the
command line:
weird but okay



New branches
for new
features: great!

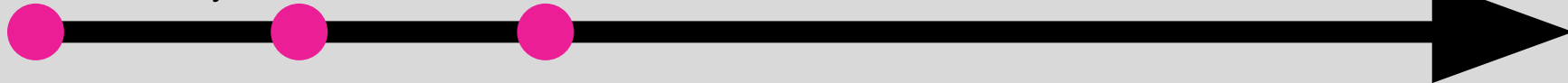


The Git experience

Learning Git on the
command line:
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Collaboration
with coworkers:
great!

New branches
for new
features: great!



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New branches
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features: great!

Oh no!!!!!!
Everything
broke!!!



The Git experience

Learning Git on the
command line:
weird but okay

Collaboration
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great!

ABORT
ABORT

New branches
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Everything
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The Git experience

Learning Git on the
command line:
weird but okay

Collaboration
with coworkers:
great!

New branches
for new
features: great!

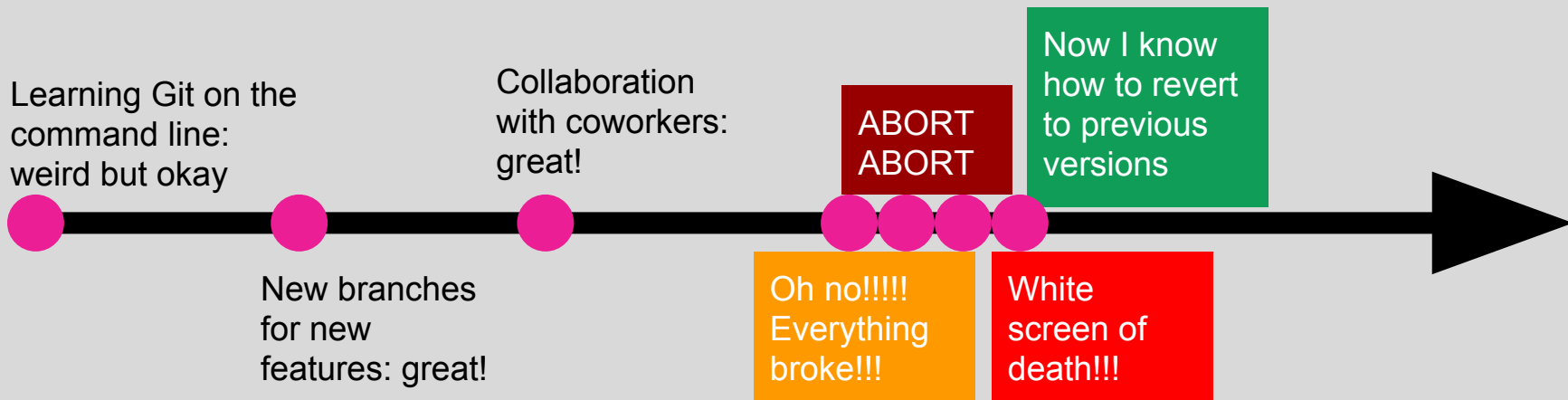
ABORT
ABORT

Oh no!!!!
Everything
broke!!!

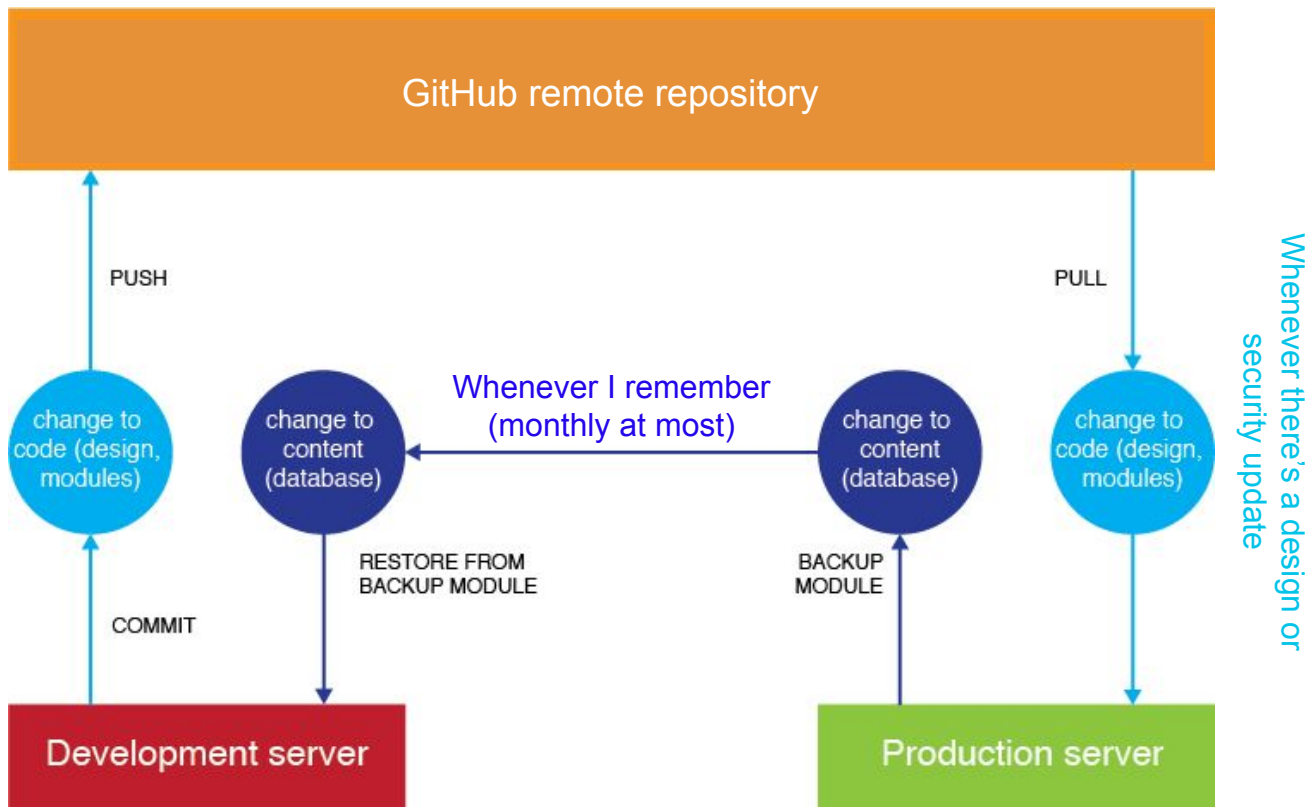
White
screen of
death!!!



The Git experience



Drupal + Git



Drupal + Git

Free, open source software means that we can maintain and fully control the Library website: content *and* code.

It also means that we are responsible for its security, reliability, design, and upkeep.

Thank you!

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