

REMODELING ANTIQUE PLUMBING WITH MODERN TOOLS

REMODELING ANTIQUE PLUMBING WITH MODERN TOOLS

Web development at the trailing edge!

FOR THE MOST PART THIS IS NOT DRUPAL SPECIFIC, BUT JUST GOOD WEB DEVELOPIN' KNOWLEDGE. IT IS A BIT COMMAND LINE HEAVY, IS EVERYONE PRETTY OK WITH THE COMMAND LINE? EVEN IF YOU'RE NOT, DON'T WORRY, IT'S NOT THAT SCARY, AND IT MAKES YOU LOOK SUPER COOL IN COFFEE SHOPS.

DUSTINYOUNSE

DUSTIN YOUNSE

University of Texas Libraries

AND I HAVE THE AWESOME TITLE OF



DUSTIN YOUNSE

University of Texas Libraries
Webmaster

YOU MIGHT RECOGNIZE ME FROM MY AVATAR



THIS IS NOT A DANGER ZONE

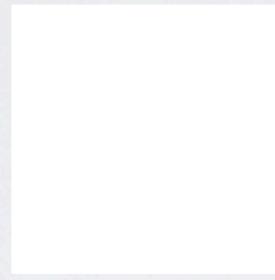
from: <http://whats-on-netflix.com/film-of-the-week/film-week-top-gun-29-04-2013/>



judgement free zone

THIS IS A JUDGEMENT FREE ZONE
WE'RE DEALING WITH THE KIPPLE THAT ACCUMULATES IN _ALL_ WORK ENVIRONMENTS

from: <http://universeletters.com/2012/11/15/judgement-free/>



HOW MANY OF YOU REMEMBER THESE? (THEY'RE SPACER GIFS FOR YOU KIDS OUT THERE)



OR THIS GUY? A GOLDEN OLDIE FROM 2001.

from: <http://caoine.org>, <http://web.archive.org/web/20010202083700/http://caoine.org/product/product.html>

CAOINE DOT ORG BRINGING YOU WEBBY GOODNESS SINCE 1999
VERSION EIGHT: PRODUCT
PREFERRED: 1024x768+ NETSCAPE 4.75+ TESTED: 800x600 ANY 4.0 © EMMA THEODD

INTRAVENOUS

ABOUT THE SITE
UPDATES
CURRENT JOURNAL ENTRY

AND I'M CONVINCED INSIDE
THAT THERE IS
NOTHING MORE

WNV NATION

1. EXPOSITION
2. CONFLICT
3. RESOLUTION
4. DENOUEMENT

A HEART THAT'S FULL UP LIKE A LANDFILL A JOB THAT SLOWLY KILLS YOU. BRUISES THAT WON'T HEAL.
radiohead.

MAN THOSE DAYS WERE EASY
WHAT IF YOU STILL HAVE TO MAINTAIN A WEBSITE USING TECH FROM THOSE DAYS?

see all choices

About the Libraries

Research Tools

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ALL

ARTICLES

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scoUT Mobile

scoUT Advanced Search

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Cite Your Sources

Reserve a Group Study
Room

IM a Librarian

UGS 302/303 Research
Guides

RHE 306/309 Research
Guides

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Find Articles

Library Classes (Articles,
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MORE for Undergrads
MORE for Grad Students

for Faculty/Staff

Find Your Subject Librarian

Integrating the Library
into Blackboard

Open Access Publishing
and Other Scholarly
Communication Issues

Request a library
instruction session

Library Classes (Catalog,
EndNote, Google, etc.)

MORE for Faculty
MORE for Staff

Featured Resources



FEATURE: Longhorn
Reviews Have you ever
wished you could tell the
whole university
community your opinions
about that book or movie
you just finished? Now
you can! Introducing
Longhorn Reviews! [MORE
about Longhorn Reviews](#)

News

SERVICE ALERT:
Construction to Begin in
Chemistry Library

SERVICE ALERT:
Construction Set to Begin
on Library Service Point

New Director Appointed to
Lead Texas Digital Library

Texas A&M and University
of Texas Renew
Collaboration with
Opening of Joint Library
Facility

Arabic Flagship Program
Scholar Receives 2013
Information Literacy
Award

[MORE News](#)

Calendar



**ACRL Workshop: Scholarly
Communication: From
Understanding to
Engagement**
June 21, 2013 - 8:00am

**Freshmen Summer
Orientation**
June 25, 2013 - 4:00pm

Zotero—Manage Citations
June 26, 2013 - 12:00pm

[MORE Events](#)

THIS IS MY BABY, MY BREAD AND BUTTER

MAYBE 60% DRUPAL, A WHOLE LOT OF CUSTOM STUFF. PRETTY NIFTY PROXY SERVER SETUP
THAT LETS US EXPOSE WHAT WE WANT WHERE WE WANT IT. THROUGH IP PROTECTED
SUBDOMAINS WE CAN STAGE THINGS ON PRODUCTION AND TURN THEM ON INSTANTLY.

```
[server]:lolol> ls
2nd-foot-dev.php
2nd-foot-min.php
2nd-foot-min.php.bak
2nd-foot.php
2nd-foot-print.php
2nd-foot-prod.php
2nd-foot-prod.php.bak
2nd-header-clinic.php
2nd-header-dev.php
2nd-header-lfnavbox.php
2nd-header-min.php
2nd-header.php
2nd-header-prod.php
2nd-surround-dev.php
2nd-surround-min.php
2nd-surround.php
2nd-surround-prod.php
404.html
410.html
account
amazon_check
background-trans.gif
background-trans.png
catalog
catalog.css
cdrom.txt
index.html.bak-2012-04-23
index.html.bak-2012-05-21
index-morning.html
index-scout.bak
index-widget-divtest.html
jquery-plugins-combined.css
jquery-plugins-combined.css.BAK
jquery-plugins-combined-ie.css
jquery-plugins-combined-uncomp-cms.css
jquery-plugins-combined-uncomp.css
jquery-plugins-combined-uncomp.css.BAK
lib-analytics.js
librarything
lib_wordmark_tertiary2.gif.gif
listing-wsublisting.css
live
menu.php
metalib.html
phpsearchbox-2nd.html
phpsearchbox.html
phpsearchbox-search.html
phpsearchengines.html
power_out.html
recaptchalib.php
rewrite.map
robots-dev.txt
```

THIS IS A KINDA LOT OF FILES, NECESSARY FOR ALL OF OUR HTML SITES – JUST OUR HTML SITES.
AND AND AND DUPLICATED ON OUR CMS PAGES
WHATS THAT? WHY ISN'T THERE COLOR OUTPUT ON THE TERMINAL? WE'LL GET TO THAT
HOW MANY OF US HAVE EVER USED THIS VERSION CONTROL SYSTEM? *SLIDE*

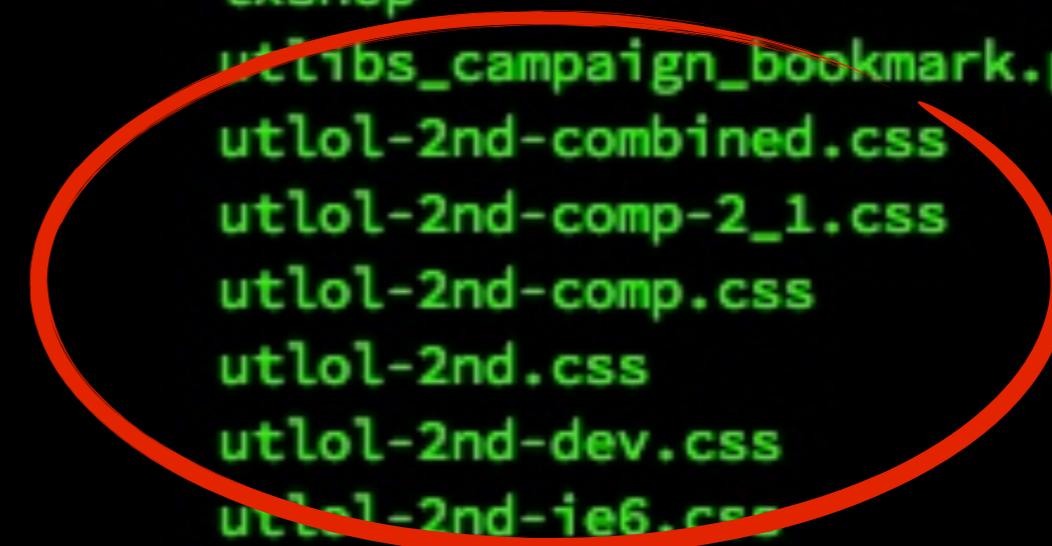
```
[server]:lolol> ls
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2nd-foot-min.php.bak
2nd-foot.php
2nd-foot-print.php
2nd-foot-prod.php
2nd-foot-prod.php.bak
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2nd-header-dev.php
2nd-header-lfnavbox.php
2nd-header-min.php
2nd-header.php
2nd-header-prod.php
2nd-surround-dev.php
2nd-surround-min.php
2nd-surround.php
2nd-surround-prod.php
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index.html.bak-2012-05-21
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index-scout.bak
index-widget-divtest.html
jquery-plugins-combined.css
jquery-plugins-combined.css.BAK
jquery-plugins-combined-ie.css
jquery-plugins-combined-uncomp-cms.css
jquery-plugins-combined-uncomp.css
jquery-plugins-combined-uncomp.css.BAK
lib-analytics.js
librarything
lib_wordmark_tertiary2.gif.gif
listing-wsublisting.css
live
menu.php
metalib.html
phpsearchbox-2nd.html
phpsearchbox.html
phpsearchbox-search.html
phpsearchengines.html
power_out.html
recaptchalib.php
rewrite.map
robots-dev.txt
```

OH YEAH, GOOD OL' BAK FILES

background-trans.png
catalog
catalog.css
cdrom.txt
css
emails.txt
ezauth.php
favicon.ico
feedback-thankyou.html
fonts
form2mail.html
form2mail.php
form2mail.readme
foryou
ga.php
globe.gif
googlee2e1998d7ec19bd3.html
home.css
home-hours-dev.css
home-ie6.css
home-ie6_new.css
home-ie7.css
home-ie7_new.css
home_new.css
home-showmenu.css
imagesearch.css
index.bak
power_out.html
recaptchalib.php
rewrite.map
robots-dev.txt
robots.txt
rotator3.html
rotator.html
scout
scout_v1.html
sitedata
smsgate
spotlight-header-bd.png
star1.gif
symposium
txshop
utlibs_campaign_bookmark.pdf
utlol-2nd-combined.css
utlol-2nd-comp-2_1.css
utlol-2nd-comp.css
utlol-2nd.css
utlol-2nd-dev.css
utlol-2nd-ie6.css
utlol-2nd-ie7.css
utlol-2nd-print.css
utlol-360link.css
utlol-3nd.css
utlol.css

NOTICE ANYTHING A BIT OFF? *SLIDE*

```
background-trans.png
catalog
catalog.css
cdrom.txt
css
emails.txt
ezauth.php
favicon.ico
feedback-thankyou.html
fonts
form2mail.html
form2mail.php
form2mail.readme
foryou
ga.php
globe.gif
googlee2e1998d7ec19bd3.html
home.css
home-hours-dev.css
home-ie6.css
home-ie6_new.css
home-ie7.css
home-ie7_new.css
home_new.css
home-showmenu.css
imagesearch.css
index.bak
power_out.html
recaptchalib.php
rewrite.map
robots-dev.txt
robots.txt
rotator3.html
rotator.html
scout
scout_v1.html
sitedata
smsgate
spotlight-header-bd.png
star1.gif
symposium
txshop
utllibs_campaign_bookmark.pdf
utlol-2nd-combined.css
utlol-2nd-comp-2_1.css
utlol-2nd-comp.css
utlol-2nd.css
utlol-2nd-dev.css
utlol-2nd-ie6.css
utlol-2nd-ie7.css
utlol-2nd-print.css
utlol-360link.css
utlol-3nd.css
utlol.css
```



THESE FILES ARE IN PRODUCTION. WHERE ARE THEY BEING USED?*SLIDE*

“LE MIEUX EST
L'ENNEMI DU
BIEN”

Voltaire



from: Voltaire (age 41) by Maurice Quentin de La Tour

“THE BEST IS
THE ENEMY
OF THE
GOOD”

Voltaire

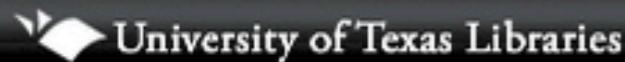


THERE ARE MANY ELEGANT SOLUTIONS BUT THEY TAKE TIME AND EFFORT. SOMETIMES YOU DONT HAVE ACCESS TO THE TIME OR THE EFFORT. WE MIGHT NOT HAVE A GOOD WAY OF KNOWING WHERE THEY MIGHT BE IN ACTUAL USE *SLIDE*

from: Voltaire (age 41) by Maurice Quentin de La Tour

```
body {  
    background-color: Chartreuse;  
}  
  
body:before {  
    content: "If you can see this,  
please contact the Webmaster";  
}
```

WITHOUT DOING SOMETHING LIKE *SLIDE*



...celebrating the life of the mind.

see all choices

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[MORE for Staff](#)**Featured Resources****LONGHORN REVIEWS**

FEATURE: Longhorn Reviews Have you ever wished you could tell the whole university community your opinions about that book or movie you just finished? Now you can! Introducing Longhorn Reviews! [MORE about Longhorn Reviews](#)

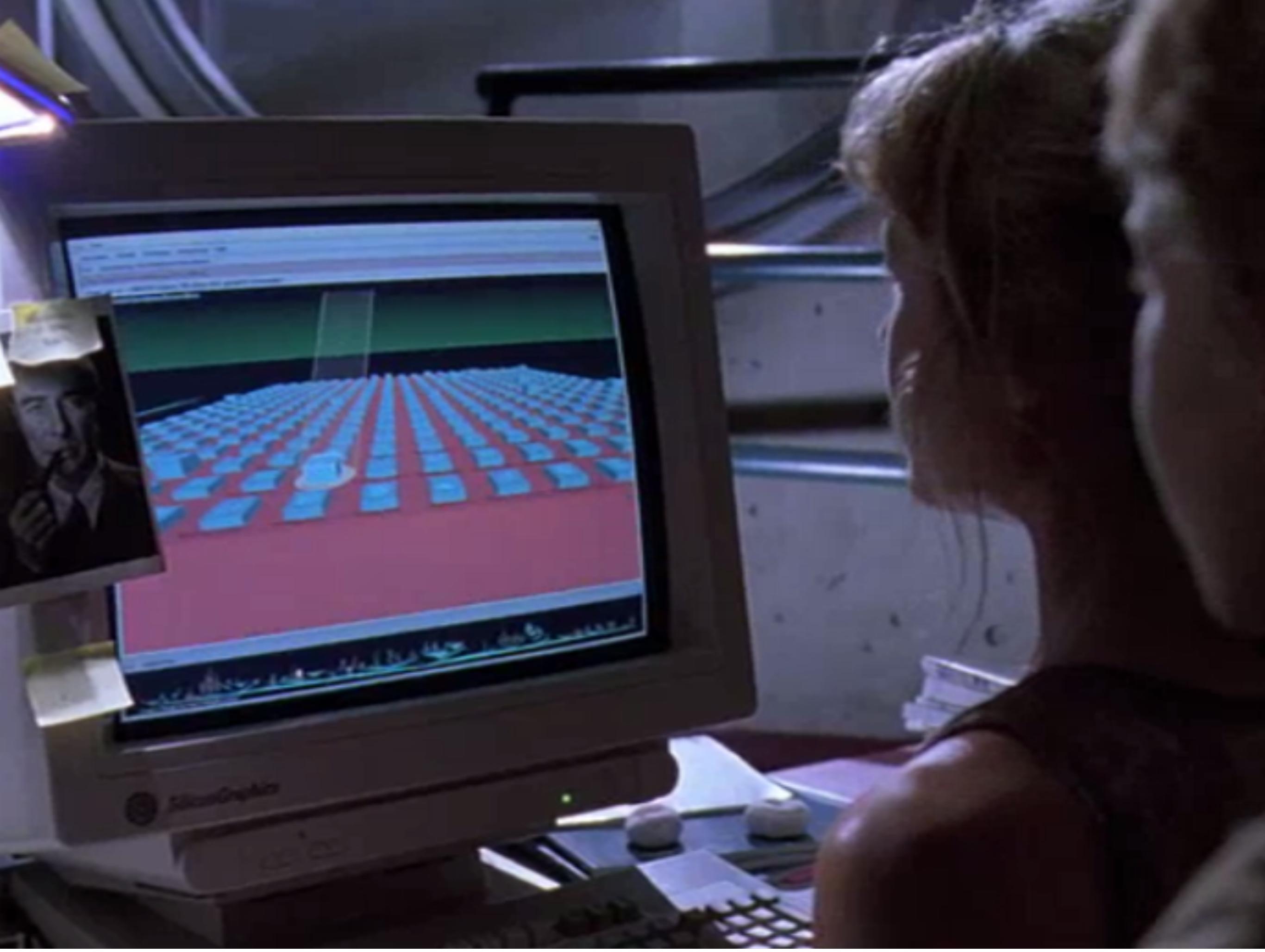
News**SERVICE ALERT:** Construction to Begin in Chemistry Library**SERVICE ALERT:** Construction Set to Begin on Library Service Point

New Director Appointed to Lead Texas Digital Library

Texas A&M and University of Texas Renew Collaboration with Opening of Joint Library Facility

Arabic Flagship Program Scholar Receives 2013 Information Literacy Award

[MORE News](#)**Calendar**ACRL Workshop: Scholarly Communication: From Understanding to Engagement
June 21, 2013 - 8:00amFreshmen Summer Orientation
June 25, 2013 - 4:00pmZotero--Manage Citations
June 26, 2013 - 12:00pmAND SEEING WHO COMPLAINS
ITS HOPELESS, RIGHT? *SLIDE*



I KNOW THIS! *SLIDE*

from: <http://screamingdiscogentlemen.blogspot.com/2012/01/hold-onto-your-butts.html>

DON'T FORGET YOUR
UNIX BASICS

DON'T FORGET YOUR UNIX BASICS

- Symlinks are your friend
- Normalize the files if possible
- *Hardlink* miscellaneous files to a master file, to keep changes in sync

NORMALIZE SIMILAR FILES AND SYMLINK TO A SINGLE INSTANCE

USE VERSION CONTROL

USE VERSION CONTROL

USE VERSION CONTROL

I MEAN, USE IT

USE VERSION CONTROL

SERIOUSLY USE IT. USE SVN (I GUESS). USE GIT (TOTALLY). USE MERCURIAL. USE FOSSIL (WHY NOT?). JUST USE SOMETHING. GIT IS RAD MOSTLY BECAUSE OF THE COMMUNITY THAT HAS SPRUNG UP AROUND IT, PARTICULARLY GITHUB.

USE VERSION CONTROL

- SVN
- GIT
- MERCURIAL
- FOSSIL

SERIOUSLY USE IT. USE SVN (I GUESS). USE GIT (TOTALLY). USE MERCURIAL. USE FOSSIL (WHY NOT?). JUST USE SOMETHING. GIT IS USED BY DRUPAL DOT ORG, OF COURSE, BUT GIT IS RAD MOSTLY BECAUSE OF THE COMMUNITY THAT HAS SPRUNG UP AROUND IT, PARTICULARLY GITHUB.

VERSION CONTROL IS GREAT FOR SIMPLIFYING DEPLOYMENTS, VERSION CONTROL IS GREAT FOR KNOWING WHO _BROKE_ THE BROKEN THING.

```
[server]:lolol> ls
2nd-foot-dev.php
2nd-foot-min.php
2nd-foot-min.php.bak
2nd-foot.php
2nd-foot-print.php
2nd-foot-prod.php
2nd-foot-prod.php.bak
2nd-header-clinic.php
2nd-header-dev.php
2nd-header-lfnavbox.php
2nd-header-min.php
2nd-header.php
2nd-header-prod.php
2nd-surround-dev.php
2nd-surround-min.php
2nd-surround.php
2nd-surround-prod.php
404.html
410.html
account
amazon_check
background-trans.gif
background-trans.png
catalog
catalog.css
cdrom.txt
index.html.bak-2012-04-23
index.html.bak-2012-05-21
index-morning.html
index-scout.bak
index-widget-divtest.html
jquery-plugins-combined.css
jquery-plugins-combined.css.BAK
jquery-plugins-combined-ie.css
jquery-plugins-combined-uncomp-cms.css
jquery-plugins-combined-uncomp.css
jquery-plugins-combined-uncomp.css.BAK
lib-analytics.js
librarything
lib_wordmark_tertiary2.gif.gif
listing-wsublisting.css
live
menu.php
metalib.html
phpsearchbox-2nd.html
phpsearchbox.html
phpsearchbox-search.html
phpsearchengines.html
power_out.html
recaptchalib.php
rewrite.map
robots-dev.txt
```

JUST A REMINDER, THIS IS _NOT_ VERSION CONTROL.

NOW BACK TO THE LACK OF COLOR OUTPUT. THERE'S A VERY SPECIFIC REASON FOR THAT.
WE USE SOLARIS.

SOLARIS ISN'T BAD, BUT SOLARIS HAS SOME ... BAGGAGE.

SOLARIS LIMITS A USER TO 16 GROUPS _TOTAL_, WHICH MAKES GROUPS BASED
PERMISSIONING DIFFICULT.

```
[dev1]:utlol> ls
2nd-foot-dev.php
2nd-foot-min.php
2nd-foot-min.php.bak
2nd-foot.php
2nd-foot-print.php
2nd-foot-prod.php
2nd-foot-prod.php.bak
2nd-header-clinic.php
2nd-header-dev.php
2nd-header-lfnavbox.php
2nd-header-min.php
2nd-header.php
2nd-header-prod.php
2nd-surround-dev.php
2nd-surround-min.php
2nd-surround.php
2nd-surround-prod.php
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cdrom.txt
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index.html.bak-2012-05-21
index-morning.html
index-scout.bak
index-widget-divtest.html
jquery-plugins-combined.css
jquery-plugins-combined.css.BAK
jquery-plugins-combined-ie.css
jquery-plugins-combined-uncomp-cms.css
jquery-plugins-combined-uncomp.css
jquery-plugins-combined-uncomp.css.BAK
lib-analytics.js
librarything
lib_wordmark_tertiary2.gif.gif
listing-wsublisting.css
live
menu.php
metalib.html
phpsearchbox-2nd.html
phpsearchbox.html
phpsearchbox-search.html
phpsearchengines.html
power_out.html
recaptchalib.php
rewrite.map
robots-dev.txt
```

IN THE UT LIBRARIES WE HAVE DOZENS OF “PACKAGES” FOR OUR DIFFERENT WEB PROPERTIES.
UTLOL. UNIVERSITY OF TEXAS LIBRARIES ON_LINE.
NOW, GET READY TO GROAN.
EVERY LIBRARY DEV USES THIS ACCOUNT. EVERY ONE.
THIS OF COURSE MEANS THAT WE DONT KNOW WHO DID WHAT – UNLESS WE USE VERSION
CONTROL.

VERSION CONTROL BOTH
CLIENT SIDE
AND
SERVER SIDE

THIS HELPS DEAL WITH THE POTENTIAL DAMAGE OF COWBOY CODE CHANGES *SLIDE*



WE ALL KNOW YOU SHOULDN'T MODIFY PRODUCTION CODE DIRECTLY – RIGHT? – BUT SOMETIMES ITS THE QUICKEST WAY FROM POINT A TO POINT B. IF YOU VERSION CONTROL ON THE SERVER YOU CAN PUSH THOSE CHANGES BACK DOWNSTREAM.

```
[server]:lolol> ls
2nd-foot-dev.php
2nd-foot-min.php
2nd-foot-min.php.bak
2nd-foot.php
2nd-foot-print.php
2nd-foot-prod.php
2nd-foot-prod.php.bak
2nd-header-clinic.php
2nd-header-dev.php
2nd-header-lfnavbox.php
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2nd-header.php
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jquery-plugins-combined.css.BAK
jquery-plugins-combined-ie.css
jquery-plugins-combined-uncomp-cms.css
jquery-plugins-combined-uncomp.css
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phpsearchbox.html
phpsearchbox-search.html
phpsearchengines.html
power_out.html
recaptchalib.php
rewrite.map
robots-dev.txt
```

NOW BACK TO SOLARIS –
SHARING A UNIX ACCOUNT MAKES VERSION CONTROL A LITTLE TRICKIER, SINCE PROGRAMS
LIKE GIT EXPECT YOU TO HAVE YOUR OWN UNIX ACCOUNT AND YOUR OWN SET OF SSH KEYS.
GITHUB INSISTS ON SSH KEYS FOR AUTHENTICATION.

NOW.

SHOULD YOU PUT YOUR PERSONAL SSH CREDENTIALS INTO A SHARED ACCOUNT? *SLIDE*

NO

OF COURSE NOT. I JUST WANTED TO MAKE SURE WE WERE ON THE SAME PAGE. THERE IS A BETTER WAY.

```
Host internet.com
ForwardAgent yes
```

YOU STILL NEED TO SET THE USER ON A PARTICULAR REPO, OTHERWISE YOU LOSE THE
ABILITY TO TRACK WHO DID WHAT

```
git config user.name  
"Your Name"  
git config user.email  
"you@example.com"
```

RUN THESE COMMANDS BEFORE MAKING YOUR FIRST COMMIT IN A REPO. THERE'S PROBABLY A MORE ELEGANT SOLUTION, BUT THIS IS GOOD ENOUGH FOR NOW – BUT I THOUGHT OF TWO JUST TODAY *SLIDE*

CONVENTION VS CODE

Borrow a trick from
shared corporate
Twitter accounts

Identify yourself in the
commit message

```
git commit -m  
`Greatest code ever  
written - ever!! (DY)'
```

```
git commit -m  
`Bug fix for last  
commit (DY)'
```

johndoe\$

johndoe\$./takecredit

What is your number?

6

Welcome Number 6

MAYBE YOU USE MULTIPLE GITCONFIG FILES AND SWAP THEM ON THE FLY, USING SOME KIND OF NIFTY SCRIPT. BUT AGAIN, THIS IS A PRETTY SUBOPTIMAL SETUP AND MAYBE AT THIS POINT YOU SHOULD BE SPENDING TIME UPGRADING YOUR ENVIRONMENT RATHER THAN POLISHING A PIG.

ON THE BEST OF DAYS, THESE VERSION CONTROL COMMANDS CAN BE PRETTY OBTUSE, BUT THAT DOESN'T MEAN IT HAS TO BE HARD. *SLIDE*

CONVENTIONS VS CODE

Borrow a trick from
shared corporate
Twitter accounts

Identify yourself in the
commit message

```
reset --soft HEAD^
```

THIS IS THE COMMAND TO UNSTAGE A FILE. SUPER USER FRIENDLY, RIGHT? WHAT DO YOU DO NOW?



dotfiles.github.io

GITHUB IS RAD FOR A LOT OF REASONS, BUT THATS BESIDES THE POINT. THE COOL THING HERE IS: VIRTUAL APPRENTICESHIP. I STARTED LIFE AS A FILM EDITOR, A WORLD THAT STILL BELIEVES STRONGLY IN APPRENTICESHIP AND VALUES WORKFLOW ****HIGHLY****. WORKFLOW ISN'T JUST HOW YOU DO THINGS, BUT HOW YOU CUSTOMIZE AND MAINTAIN YOUR TOOLS. THE ONLY GOOD WAY TO LEARN WORKFLOW IS FROM SOMEONE ELSE. WITH THE SHARING OF DOTFILES, YOU CAN PICK THE GOOD BITS UP FROM DIFFERENT SOURCES TO MAKE _YOUR_ EXPERIENCE BETTER.

from: cameronmcefee@gh, <http://dotfiles.github.io/>

```
uncommit =  
reset --soft HEAD^
```

I HAD TO LOOK THIS COMMAND UP LITERALLY EVERY SINGLE TIME UNTIL I FOUND THIS SNIPPET IN A DOTFILE REPO THAT MADE ME REALIZE I WAS DOING THINGS THE HARD WAY. SO MANY GREAT SHORTCUTS LEARNABLE THROUGH DOTFILES. NOW TO SOME ANNOYING BROWSER ISSUES. *SLIDE*

```
<!DOCTYPE html PUBLIC  
"-//W3C//DTD XHTML 1.0  
Strict//EN" "http://  
www.w3.org/TR/xhtml1/  
DTD/xhtml1-  
strict.dtd">
```

YOU PROBABLY RECOGNIZE THESE

```
<!DOCTYPE HTML PUBLIC  
"-//W3C//DTD HTML  
4.01//EN" "http://  
www.w3.org/TR/html4/  
strict.dtd">
```

YOU PROBABLY RECOGNIZE THESE
THEY HAVE ONE THING IN COMMON - *SLIDE*

ID AND NAMES VS CLASSES

- id="360link"
- name="360link"
- class="360link"

IN HTML4, NAMES AND IDS ARE TREATED DIFFERENTLY FROM CLASSES.
WE HAD A 3RD PARTY INTEGRATION THAT WE DECIDED TO NAME “360 LINK” BUT WE FOUND OUT WE COULDN’T USE THIS FOR THE NAMESPACE.

ID and NAME tokens must begin with a letter ([A-Za-z]) and may be followed by any number of letters, digits ([0-9]), hyphens ("‐"), underscores ("‐_‐"), colons ("‐:"), and periods ("‐.").

SLIDE

```
<!DOCTYPE html>
```

THIS PROBLEM IS FIXED IF YOU USE THE HTML5 DOCTYPE – BUT YOU CAN'T ALWAYS, PARTICULARLY BECAUSE OF HOW IE TREATS THE VARIOUS DOCTYPES WITH ITS VARIOUS COMPATIBILITY MODES. JUST SOMETHING TO KEEP IN MIND.

3 |

31. THIS IS THE NUMBER THAT INSPIRED ME TO WRITE THIS TALK IN THE FIRST PLACE. ANY GUESSES AS TO WHAT IT MEANS?

<!--[if lte IE 9]>

- Limit of 31 stylesheets
 - dgo.to/ie_css_optimizer
- Limit of 4095 CSS rules in a single CSS file
- Limit of 288kb in a single CSS file

IN IE UP THROUGH IE9, THERE IS A HARD LIMIT OF 31 STYLESHEETS. THIS ISN'T A PROBLEM YOU SHOULD RUN INTO EVERYDAY - YOU SHOULD BE COMPRESSING YOUR CSS AND MINIMIZING HTTP REQUESTS, AND D7 HAS BETTER CSS LOADING BUILT IN, BUT I RAN INTO THIS ISSUE WHILE WORKING ON A D6 MODULE. *CLICK* THE IE CSS OPTIMIZER MODULE CAN HELP WITH THIS - IT MINIMIZES ALL CSS EXCEPT WHAT YOU EXPLICITLY TELL IT NOT TO. *CLICK*

THERE IS ALSO A HARD LIMIT OF 4095 RULES IN A SINGLE CSS FILE, AS WELL AS 288KB IN A SINGLE CSS FILE
I DON'T KNOW A SUPER GOOD WAY AROUND THIS, OTHER THAN SIMPLIFYING AND OPTIMIZING YOUR CSS AND SPLITTING YOUR FILES UP.

PLAYING HIDE AND SEEK

```
<pre>
```

```
  <?php print_r($vars) ?>
```

```
</pre>
```

DOWN AND DIRTY TROUBLESHOOTING.

THE DEVEL MODULE HAS LOTS OF AWESOME DEBUGGING OUTPUT, BUT SOMETIMES YOU SIMPLY CAN'T INSTALL THE DEVEL MODULE. MAYBE THE SITE IS ON SHARED HOSTING AND HAS TINY AMOUNTS OF RAM AND DEVEL BRINGS IT TO ITS KNEES. MAYBE YOU HAVE ACCESS TO YOUR TEMPLATE FILES BUT NOT THE ABILITY TO INSTALL MODULES. MAYBE YOU JUST WANT VARIABLE OUTPUT THAT YOU CAN CTRL-F THROUGH A BIT EASIER. ITS CERTAINLY NOTHING YOU SHOULD LEAVE ON A DEPLOYED SITE, BUT IT CAN CERTAINLY COME IN HANDY.

PLAYING HIDE AND SEEK

Content: Nid (nid)

EVERYONE DOCUMENTS THEIR WEBSITES RIGHT?
RIGHT?

WELL SOMETIMES YOU HAVE TO WORK ON A SITE THAT HASN'T BEEN DOCUMENTED. EVER BEEN ASKED TO MODIFY A PAGE AND NOT BEEN ABLE TO FIGURE OUT HOW IT WAS BEING BUILT?

I WAS ASKED TO UPDATE A PIECE OF CONTENT. I KNEW THE CONTENT WAS BEING GENERATED BY A VIEW, HOWEVER THE CONTENT TYPE WAS SIMPLY "PAGE". THE VIEW WAS BEING GENERATED WITH SOME CONVOLUTED TAXONOMY AND ACCESS CONTROLS, BUT I LITERALLY COULDN'T FIND THE PIECE OF CONTENT. WITHOUT DATABASE ACCESS I COULDN'T JUST RUN A SQL QUERY. UNTIL *CLICK*
I ADDED A FIELD TO THE VIEW WHICH OUTPUT THE NID, WHICH LET ME ACCESS IT DIRECTLY.

TECHNICAL DEBT



Mike Connor

@mconnor

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@potch @beltzner technical debt is just debt, sometimes it's worth incurring debt so you can get what you want sooner.

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1:00 PM - 22 Apr 13

ITS WORTH KEEPING SOMETHING IN MIND. MOST OF THESE ISSUES ARE A MATTER OF TECHNICAL DEBT. THIS DEBT IS JUST LIKE USING A CREDIT CARD. SOMETIMES IF YOU WANT TO EXPEDITE DEVELOPMENT YOU HAVE TO INCUR A BIT OF TECHNICAL DEBT. ITS JUST IMPORTANT TO KEEP TRACK OF THIS DEBT AND HAVE A PLAN TO PAY IT BACK.

SHAME.CSS

- A dedicated CSS file to house your hacks
- !important
- overflow: hidden

<http://csswizardry.com/2013/04/shame-css/>

G P O L

GRATUITIUS PICTURE OF *SLIDE*



LEGO
SLIDE
from: <http://www.flickr.com/photos/michelleundihrefotos/5970015736/>

A FINAL NOTE

- Backup
- Backup everything
- Seriously, back it up

I ONCE WORKED ON A SITE ON CONTRACT FOR A PREVIOUS EMPLOYER. WHILE I WAS AWAY, THEY HAD MOVED A SET OF SITES FROM RACKSPACE CLOUD HOSTING TO MANAGED CLOUD. THE SELF MANAGED CLOUD HAD AN EASY TO FIND AND CONFIGURE BACKUP SYSTEM THAT HAD A PRESET WEEKLY BACKUP. THE MANAGED HOSTING HAD NO BACKUPS SETUP. LET ME REPEAT THAT. NO. BACKUPS. DON'T ASSUME YOUR STUFF IS BACKED UP, EVEN IF YOU'RE DROPPING HUNDREDS A MONTH IN HOSTING.

A FINAL NOTE – BACKUPS DON'T COUNT IF YOU CAN'T RECOVER FROM THEM. PRINTING OUT AN ENTIRE WEBSITE ON PAPER IS A GREAT BACKUP, BUT TERRIBLE TO RECOVER FROM.

@MILSYOBTAF



THANK YOU! QUESTIONS?