



ILLiad

International Conference

ILLiad to Go! Your Mobile Web

Below is a link to the presentation if you would like to access it and follow along on your mobile device

<http://tinyurl.com/illiadtogo>



ILLiad

International Conference

ILLiad to Go! Your Mobile Web

Jennifer Cella, Atlas Systems



- Introductions

- Jennifer Cella

- jcella@atlas-sys.com





- Topics – Your Mobile Web
 - What does it look like?
 - How does it work?
 - How can you edit your mobile web pages?
 - What I have learned...
 - Web Editing Tools
 - Questions and Answers



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Navigate to your ILLiad web pages

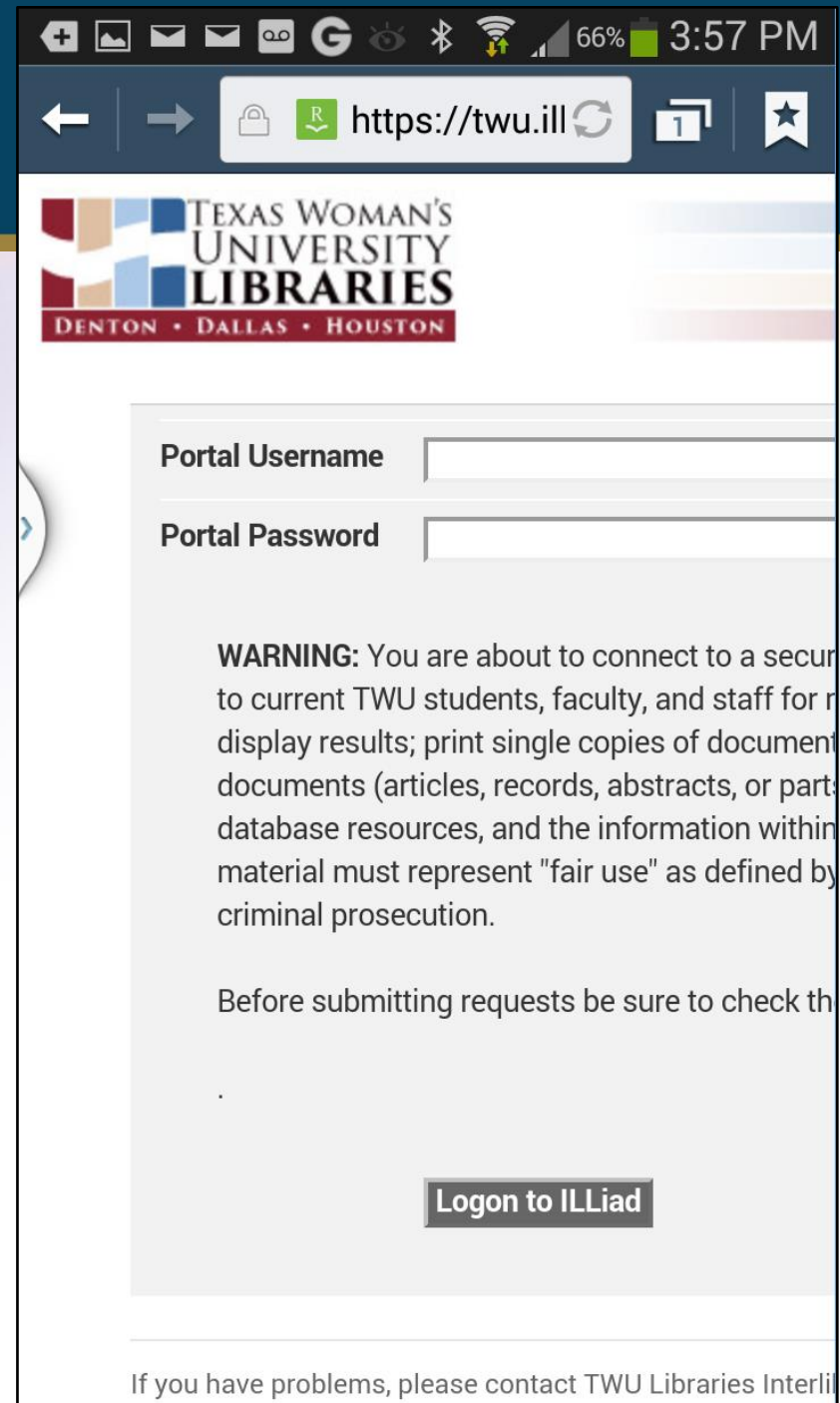
<https://jac-alpha.cloudapp.net/illiad/>



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How many people see pages that display like this?



If you have problems, please contact TWU Libraries Interli



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How many people see pages that display like this?

Mobile Enabled Pages!

The screenshot shows a mobile browser interface with the following elements:

- Browser status bar: File Edit Image Help, Verizon, 5:09 PM, 100% battery.
- Address bar: twu.illiad.oclc.org
- Header: TEXAS WOMAN'S UNIVERSITY LIBRARIES, DENTON • DALLAS • HOUSTON
- Form fields: Portal, Username, Portal Password.
- Warning text: **WARNING:** You are about to connect to a secured information system. Access to this system is limited to current TWU students, faculty, and staff for noncommercial use. Users may search, view, and display results; print single copies of documents retrieved; and download a limited number of documents (articles, records, abstracts, or parts of chapters) for personal use. All publications, database resources, and the information within them are protected by copyright. Use of copyrighted material must represent "fair use" as defined by 17 U.S.C. 107. Misuse of the system may be
- Mobile navigation icons: back, forward, home, search, and tabs.



- What does it look like?
 - Mobile web page content is the same as your ILLiad pages
 - They are not a separate set of web pages
 - Display is reformatted
 - Uses a different Cascading Style Sheet (CSS)
 - Mobile.css file
 - Display varies based on the mobile device
 - Default pages display on an iPhone

Portal
Username

Portal Password

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Logon to ILLiad

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If you have forgotten your TWU Portal Username or Password, please contact TWU Information Services Help Desk at (940) 898-3971 for direct assistance.

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ILLiad to Go!


**TEXAS WOMAN'S
UNIVERSITY
LIBRARIES**
 DENTON • DALLAS • HOUSTON

Portal

Username

Portal Password

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← Android

← iPhone 5

Galaxy II →

Portal
Username

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Verizon 9:55 AM 79%

twu.illiad.oclc.org

TEXAS WOMAN'S UNIVERSITY LIBRARIES
DENTON • DALLAS • HOUSTON

Choose an option from the choices below.

- Logoff jcella
- Main Menu
- New Request
 - Article
 - Book
 - Book Chapter
 - Thesis/Dissertation
 - Other
- View
 - Outstanding Requests
 - Electronically Received Articles
 - Checked Out Items
- History Requests
 - All Requests
 - Notifications
- Tools
 - Change User Information
- About ILLiad

Outstanding Requests
No Requests

Checked Out Items
No Items

← iPhone 5

TEXAS WOMAN'S UNIVERSITY LIBRARIES
DENTON • DALLAS • HOUSTON

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 - Outstanding Requests
 - Electronically Received Articles
 - Checked Out Items
 - Cancelled Requests
 - History Requests
 - All Requests
 - Notifications
- Tools
 - Change User Information
- About ILLiad

Outstanding Requests

Transaction	Type	Title	Author	Status
No Requests				

Checked Out Items

Transaction Number	Document Type	Title	Author	Due Date	Status	Status Date
No Items						

Subscribe to Alerts Feed

TWU Denton Library Hours

Mon-Thurs: 7:30am-12 Midnight
 Fri: 7:30am-10:00pm
 Sat: 9:00am-6:00pm
 Sun: 2:00pm-12 Midnight

For more information:
 Denton Hours
 Dallas Hours
 Houston Hours

InterLibrary Loan Contacts:

Ask ILL
 E-mail: ILL@TWU.EDU
 Phone: (940) 898-2728

Dallas contact: 214-689-6580
 Houston contact: 713-794-2048

↑ Desktop PC - Firefox



- How does it work?
 - Mobile web pages use Responsive Web Design (RWD)
 - Provide optimal viewing experience across a wide range of devices
 - Easy reading and navigation with minimum resizing and scrolling
 - HTML content is from the regular ILLiad pages
 - Uses media-dependent style sheets
 - Distinguishes between screen, print, mobile display
 - HTML and CSS components work together



- How does it work?
 - Two components
 - Media Types
 - Defined in HTML and CSS
 - Essentially a type of device
 - Examples: screen, print, handheld
 - Media Queries
 - Logical expression that is either true or false
 - Tells the pages how to display on a specific device
 - Consist of media type and expressions or conditions that must be met in order to invoke the mobile.css



- How does it work?
 - Media Query Examples
 - HTML – indicates certain style sheet applies to devices with a certain media type
 - `<link rel="stylesheet" type="text/css" href="css/main.css"/>`
 - `<link rel="stylesheet" type="text/css" href="css/mobile.css" media="only screen and (max-device-width: 480px)" />`
 - `<link rel="stylesheet" type="text/css" href="css/print.css" media="print" />`
 - CSS - @media rule
 - @media only screen and (max-width: 480px)



- How can I edit my mobile web pages?

The screenshot displays two Windows Explorer windows. The first window shows the directory structure of a web application. The left pane lists files and folders, with 'css' and 'js' folders highlighted. A blue arrow points from the 'css' folder to a second Explorer window. The second window shows the contents of the 'css' folder, with the 'mobile.css' file circled in blue.

Name	Size	Type	Date Modified	Attributes
css		File Folder	3/13/2014 3:49 PM	
js		File Folder		
Lending		File Folder		
AboutILLiad.html	1 KB	File		
ArticleRequest.html	10 KB	File		
Blocked.html	1 KB	File		
BookChapterRequest.html	10 KB	File		
ChangePassword.html	3 KB	File		
ChangeUserInformation.html	11 KB	File		
ConferencePaperRequest.html	7 KB	File		
Copy of Logon.html	4 KB	File		
DetailedInformation.html	2 KB	File		
DisavowedUsername.html	1 KB	File		
EditAccountInformation.html	3 KB	File		
EditArticleRequest.html	8 KB	File		
EditBookChapterRequest.html	8 KB	File		
EditConferencePaperRequest.html	7 KB	File		

Name	Size	Type	Date Modified	Attributes
images		File Folder	2/26/2014 4:52 PM	
ie6_or_less.css	1 KB	Cascading Style Sh...	3/16/2013 4:23 PM	A
jquery-ui-1.8.16.custom.css	33 KB	Cascading Style Sh...	3/16/2013 4:23 PM	A
main.css	24 KB	Cascading Style Sh...	3/6/2014 2:47 PM	A
mobile.css	6 KB	Cascading Style Sh...	3/6/2014 9:14 AM	A
print.css	2 KB	Cascading Style Sh...	3/16/2013 4:23 PM	A



- How can you edit your mobile web pages?
 - Edit the HTML pages
 - HTML pages be ILLiad version 8.3 or newer
 - Edit them using any web editing tool
 - **Recommendation:**
 - Start with a fresh set of default ILLiad pages
 - » <https://www.atlas-sys.com>
 - Documentation – ILLiad 8.4 – ILLiad 8.4 Downloads
 - We do not recommend updating older pages
 - Adding the css information to the pages is tricky
 - Don't forget to make a backup!



- How do I access the web files?
 - FTP Access for hosted servers
 - Access is restricted by IP Address
 - Use Internet Explorer or FileZilla
 - <ftp://YourServerName.atlas-sys.com>
 - Enter hosted username and password provided
 - ILLiad directory displays
 - Using Windows Explorer select the files and copy them to your local machine for editing
 - Downloaded a set of Default Web Pages
 - <https://atlas-sys.com>
 - Documentation – ILLiad 8.4 – ILLiad Downloads



- FTP via Internet Explorer

FTP root at jensilliad.atlas-sys.com

To view this FTP site in Windows Explorer: press Alt, click View, and then click **Open FTP Site in Windows Explorer**.

04/04/2011 04:04PM	1,070	AboutILLiad.html
04/04/2011 04:04PM	7,303	ArticleRequest.html
04/04/2011 04:04PM	817	Blocked.html
04/04/2011 04:04PM	7,533	BookChapterRequest.html
04/04/2011 04:04PM	2,506	ChangePassword.html
04/04/2011 04:04PM	10,067	ChangeUserInformation.html
04/04/2011 04:04PM	7,214	ConferencePaperRequest.html
10/28/2011 10:19AM		Directory oss
04/04/2011 04:04PM	1,732	DetailedInformation.html
04/04/2011 04:04PM	814	DisavowedUsername.html
04/04/2011 04:04PM	3,054	EditAccountInformation.html
04/04/2011 04:04PM	7,414	EditArticleRequest.html
04/04/2011 04:04PM	7,636	EditBookChapterRequest.html
04/04/2011 04:04PM	7,325	EditConferencePaperRequest.html
04/04/2011 04:04PM	7,308	EditGenericRequestTesting.html
04/04/2011 04:04PM	7,783	EditLoanRequest.html
04/04/2011 04:04PM	3,619	EditOtherRequest.html
04/04/2011 04:04PM	5,664	EditPatentRequest.html
04/04/2011 04:04PM	6,414	EditReportRequest.html
04/04/2011 04:04PM	5,385	EditStandardsDocumentRequest.html
04/04/2011 04:04PM	5,599	EditThesisRequest.html
04/04/2011 04:04PM	1,418	ElectronicDelivery.html
04/04/2011 04:04PM	4,950	ElectronicDeliveryInformation.html
04/04/2011 04:04PM	923	ElectronicDeliveryUndelete.html
04/04/2011 04:04PM	719	Error.html
04/04/2011 04:04PM	8,598	FAQ.html
04/04/2011 04:04PM	4,741	FirstTime.html
04/04/2011 04:04PM	1,530	ForgotPassword.html
04/04/2011 04:04PM	7,204	GenericRequestTesting.html
08/01/2012 10:45AM	2,740,224	ILLiad.dll
08/20/2011 05:52PM	2,729,984	ILLiad.dll.20120516122012_replaced



- FTP via FileZilla

atlas@jac-alpha.cloudapp.net - FileZilla

Host: jac-alpha.cloudapp.net Username: atlas Password: Port: Quickconnect

Response: 200 PORT command successful.
Command: RETR Logon2.html
Response: 226 Transfer complete.
Status: File transfer successful, transferred 2,209 bytes in 1 second
Response: 125 Data connection already open; Transfer starting.
Response: 226 Transfer complete.
Status: File transfer successful, transferred 1,532 bytes in 1 second

Local site: |jcella\Documents\ILLiad Web Page Edits| Remote site: /

Filename	Filesize	Filetype
..		
TLS		File folder
Logon.html	2,209	HTML
Logon2.html	1,532	HTML

Filename	Filesize	Filetype	Last modified
ADMIN			
css			
DEV			
ITS			
js			
Lending			
LoanRequest.html	8,678	HTML File	5/31/2012 5:51:...
log4d.props	613	PROPS File	7/19/2013 10:0:...
Logon.html	2,209	HTML File	5/31/2012 5:51:...
Logon2.html	1,532	HTML File	5/31/2012 5:51:...
NewAuthRegistration.html	10,039	HTML File	5/31/2012 5:51:...
NewPassword.html	1,955	HTML File	5/31/2012 5:51:...
NewUserRegistration.html	11,255	HTML File	5/31/2012 5:51:...
NLMDDSRequest.html	1,921	HTML File	5/31/2012 5:51:...

2 files and 1 directory. Total size: 3,741 bytes Selected 2 files. Total size: 3,741 bytes

Server/Local file	Direction	Remote file	Size	Priority	Time
atlas@jac-alpha.cloudapp.n...					
C:\Users\jcella\Document...	<<--	/TLS/ViewResubmitDetailedInformation.html	1,108	Normal	3/14/2014 10:48:34 AM
C:\Users\jcella\Document...	<<--	/TLS/ViewSearchResults.html	698	Normal	3/14/2014 10:48:34 AM
C:\Users\jcella\Document...	<<--	/TLS/ViewResubmitCancelledRequests.html	588	Normal	3/14/2014 10:48:34 AM

Queued files Failed transfers **Successful transfers (92)**

Synchronized browsing Queue: empty



- How can I edit my mobile web pages?
 - What files do I need to download?
 - HTML files, Main.css and Mobile.css
 - Single site servers download the files in the root folder
 - Shared Server Sites may have site specific folders
 - How do I edit the files?
 - Use tools for editing standard HTML and CSS
 - Upload edited files to the TestWeb folder using FTP
 - TestWeb folder allows you to test edited pages before putting them into production



- How can I edit my mobile web pages?
 - Edit the HTML pages
 - Use the testweb folder to edit and test revisions
 - Edit main.css
 - Customize color schemes and branding of web pages
 - Edit mobile.css
 - Test the pages on mobile devices
 - Make adjustments as needed



- Web Editing Tools
 - Beyond Compare
 - <http://www.scootersoftware.com/>
 - Browserstack
 - <http://www.browserstack.com/>
 - Adobe Dreamweaver
 - <http://www.adobe.com/products/dreamweaver.html>
 - Notepad ++
 - <http://notepad-plus-plus.org/>
 - Firebug
 - <https://getfirebug.com/>
 - Lynda.com
 - Responsive Web Design Class



- What I have learned...

- Default pages display well on iPhones

- In portrait orientation

- Minor edit to the media query makes the pages more universal

- Edit mobile.css

- @media only screen and (**max-width: 600px**)

- Edit all HTML files

- ```
<link rel="stylesheet" type="text/css" href="css/mobile.css"
media="only screen and (max-device-width: 600px)" />
```



- What I have learned...
  - Branding can be the hardest part!
    - Keep it simple!
    - Use 1 image for header if possible
    - May need 2 versions if the graphic is complex
      - Resize the graphic used in mobile version
  - Free Mobile Emulators
    - Your mileage may vary
    - BrowserStack – offers a free trial
      - Great for verifying completed pages





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# Questions & Answers