

MOBILE INFORMATION LITERACY CURRICULUM

Module 2 Slides:

A Mobile Lens on the Internet

These slides accompany the *Mobile Information Literacy Curriculum: Module 2 Guide: A Mobile Lens on the Internet*

About the Curriculum

As millions of people come online across the globe through mobile devices, mobile information literacy is vital for those who have leapfrogged from traditional media to digital devices that provide instant access to information. Mobile information literacy is necessary to help people learn how to find and evaluate the quality and credibility of information obtained online, understand how to create and share online information effectively, and participate safely and securely. Mobile information literacy is critical to help people better consume, generate, and disseminate trustworthy information through both digital and traditional media.

The curriculum focuses on critical thinking in a digital environment of smart phones, mobile phones, and tablets, filling a critical gap in digital information literacy curricula. Existing curricular models assume people learn on a personal computer (PC). While this has been the case historically, the next billion people coming online will most likely learn on a mobile device. This has huge implications for how people get online, how they access and experience the internet, how much they produce in addition to consume information, and even how they conceptualize the internet itself. For instance, research shows that in Myanmar (and many other countries) more people use Facebook than the internet. Mobile-specific practices, such as zero-rating, mean people are coming online much more frequently through a handful of “walled garden” applications without an understanding of and similar access to the broader internet. Also, some mobile applications and websites don’t offer the full functionality of their PC counterparts. The curriculum aims to address these differences and empower mobile internet users to be equal participants in the online world.

- Module 1: Introduction to Mobile Information and Communication Technologies (ICTs)
- Module 2: Introduction to the Mobile Internet
- Module 3: Basic Web Searching via Mobile Devices
- Module 4: Working Online and Using Information via Mobile Devices
- Module 5: Putting It All Together
- Module 6: Module 5 Project Presentations

More information about this curriculum can be found here: <http://tascha.uw.edu/mobile-information-literacy-curriculum>

The curriculum materials are offered here with a [Creative Commons Attribution-ShareAlike 3.0 license](#), so others are free to use, adapt, and share the materials with attribution. We are also available to help organizations create customized materials based on their particular country or regional contexts and literacy training needs.

If you have questions on the curriculum or would like more information on how we can help, please email us at tascha@uw.edu. We also encourage individuals and organizations that use and adapt this curriculum and training to provide us with any feedback, ideas, and adapted materials. There are many ways you can do this: email tascha@uw.edu, leave a comment and upload materials on the main Mobile Information Literacy curriculum webpage <http://tascha.uw.edu/mobile-information-literacy-curriculum>, and/or participate on our Facebook page <https://www.facebook.com/MobileInformationLiteracy>.

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Module 2 Description

A Mobile Lens on the Internet

This module covers a brief overview of the development and evolution of the internet, the World Wide Web, and browsers. By the end of this module, participants will have a basic understanding of the internet and the World Wide Web.

Prerequisites:

Module 1: Introduction to Mobile Information & Communication Technologies (ICTs)

Outline

- Module overview
- Intro to the Internet
- Intro to the World Wide Web
- Web browsers
- Break
- Activity 2.1: Identifying Browser Elements & Navigation
- Activity 2.2: Search the Web Across Platforms
- Activity 2.3: Hyperlinks and Hypertext
- Activity 2.4: Tabs and Bookmarks

Module 2 Overview

Topics covered:

- Development and evolution of the internet, the World Wide Web, and web browsers

Questions you will be able to answer at the end of this module:

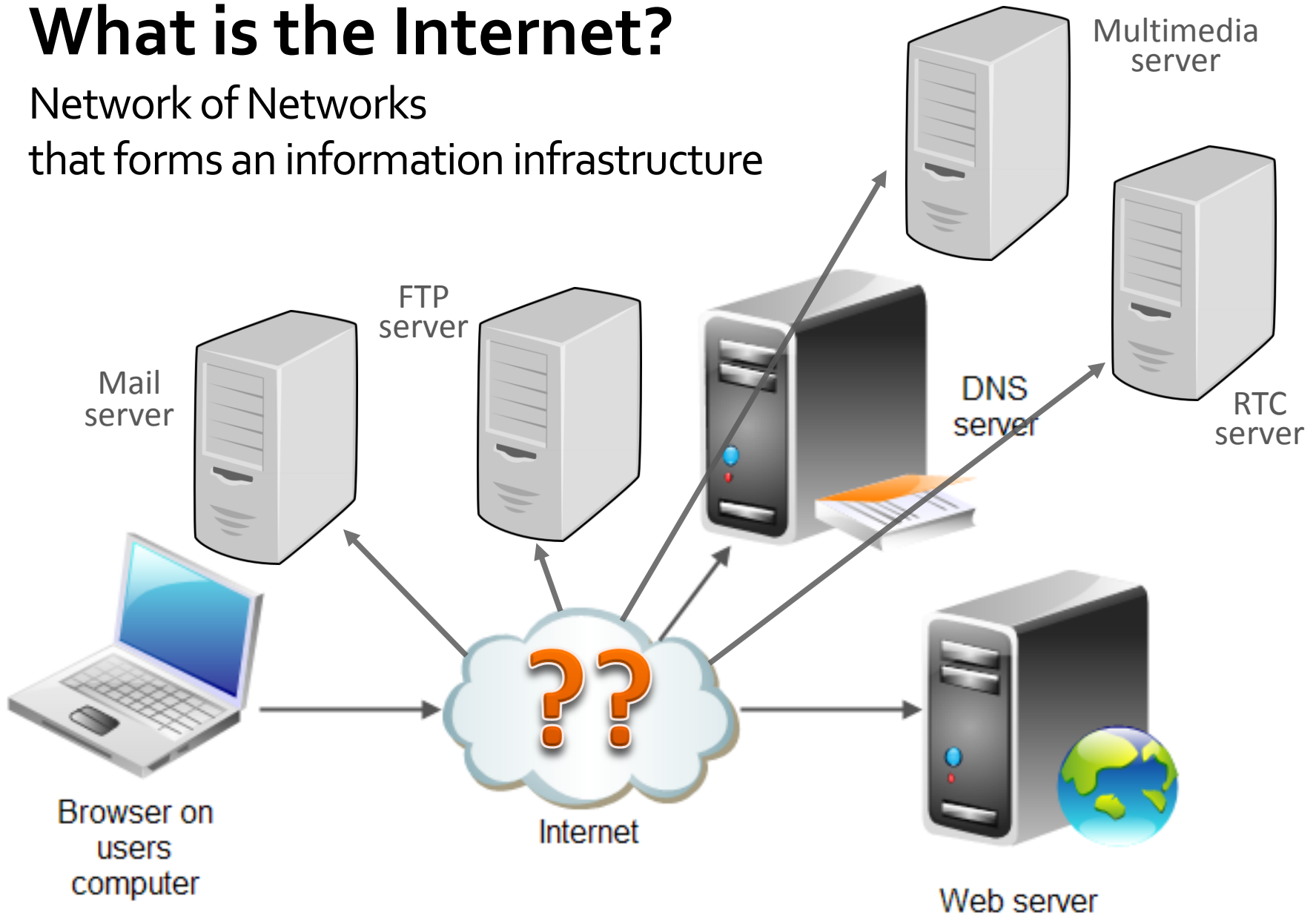
- What is the internet?
- What is the World Wide Web?
- What is the difference between the internet and the web?
- How do I find information on the internet?
- What are the advantages and disadvantages of the different ways to find information on the web?
- How do I save and share information that I find on the web?

Duration of module:

1 hour, 20 minutes (80 minutes)

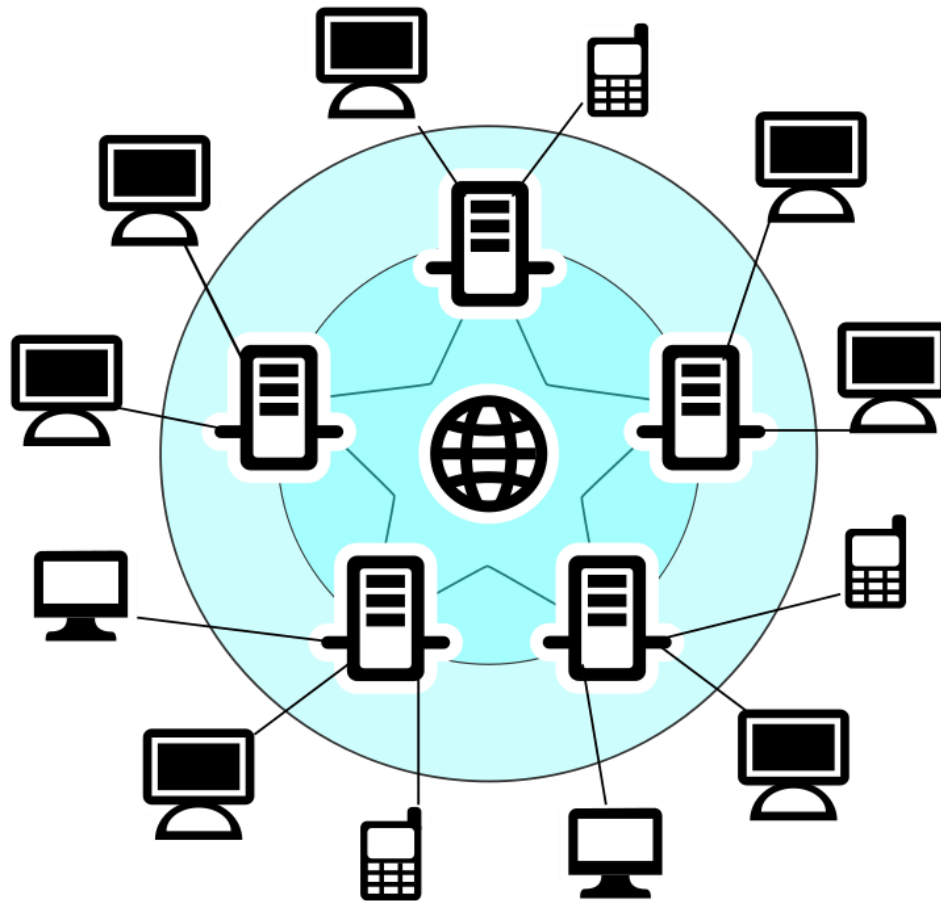
What is the Internet?

Network of Networks
that forms an information infrastructure



The Internet

The internet is a Network of Networks that forms an information infrastructure



How are Networks Connected?

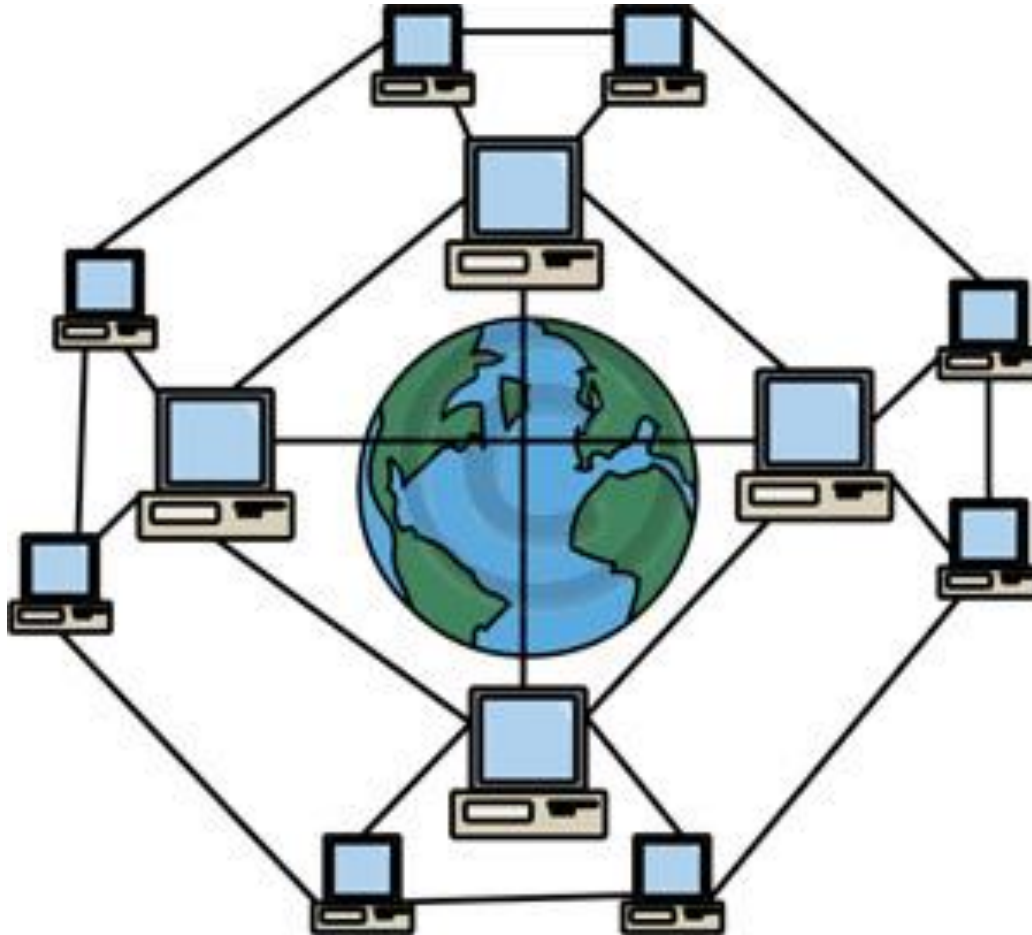


Image source: Clip Art Panda (http://www.clipartpanda.com/clipart_images/classroom-clipart-3410911)

Undersea Cable Network

Allows for global exchange of information on the

International Network
Inter Net



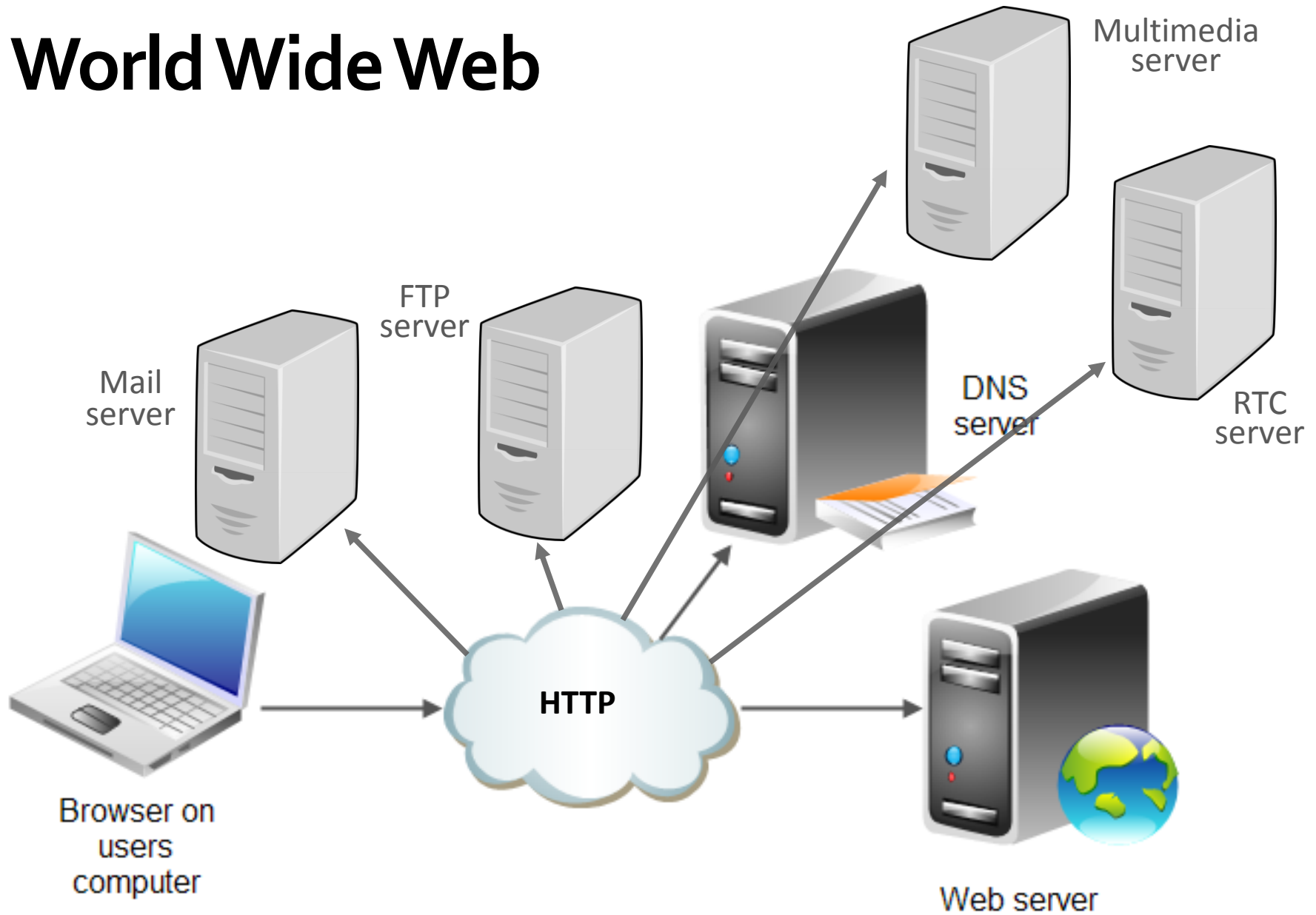
What is the World Wide Web?

- The World Wide Web (or Web, for short) is one way of accessing and visualizing information on the Internet.
- HTTP (Hypertext Transfer Protocol)

Example:

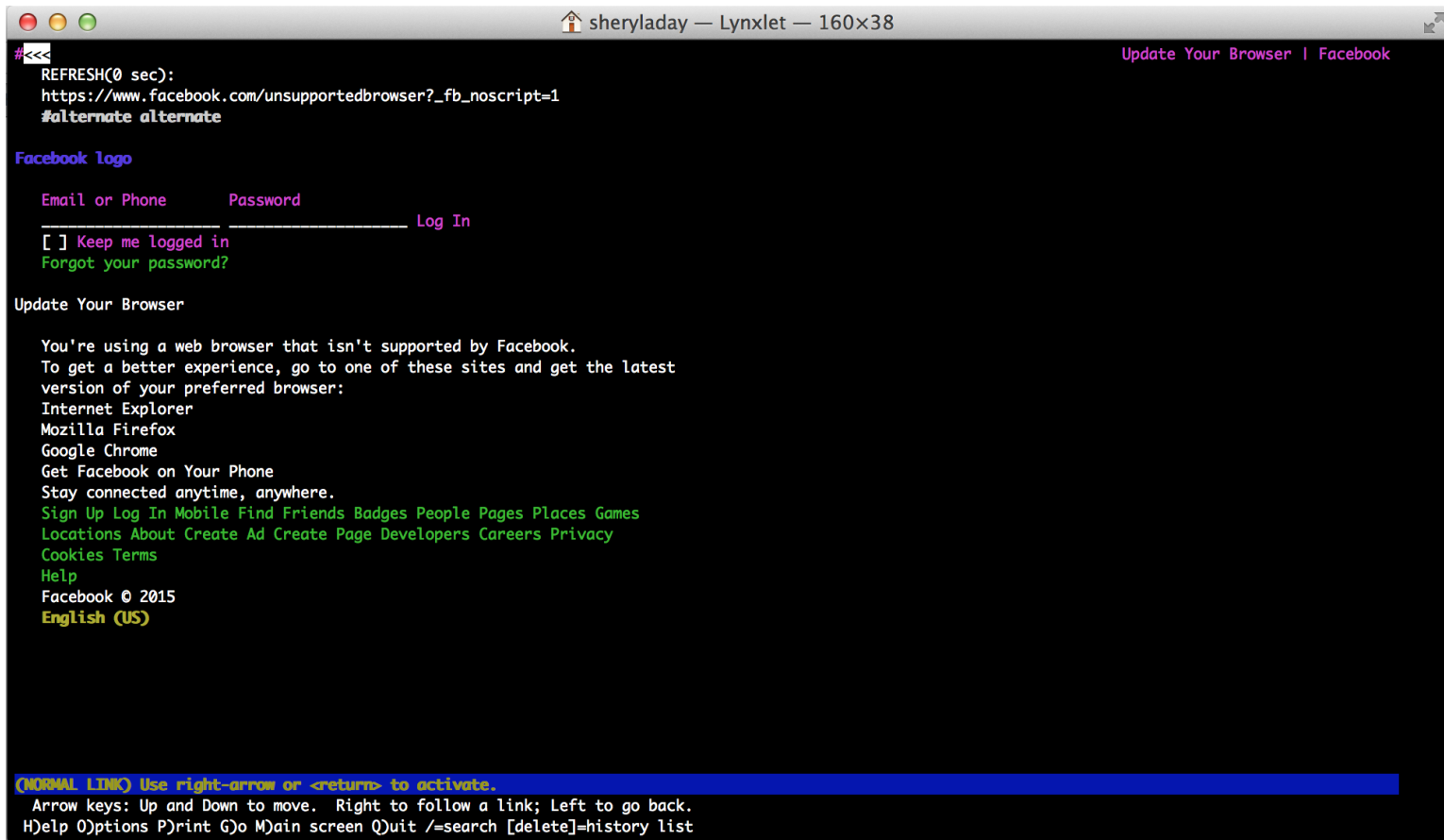
- <http://www.facebook.com>

World Wide Web



The Web Before...CLI

- Facebook using the Command Line Interface



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sheryladay — Lynxlet — 160x38
#<<<
REFRESH(0 sec):
https://www.facebook.com/unsupportedbrowser?_fb_noscript=1
#alternate alternate
Update Your Browser | Facebook

Facebook logo

Email or Phone Password Log In
[ ] Keep me logged in
Forgot your password?

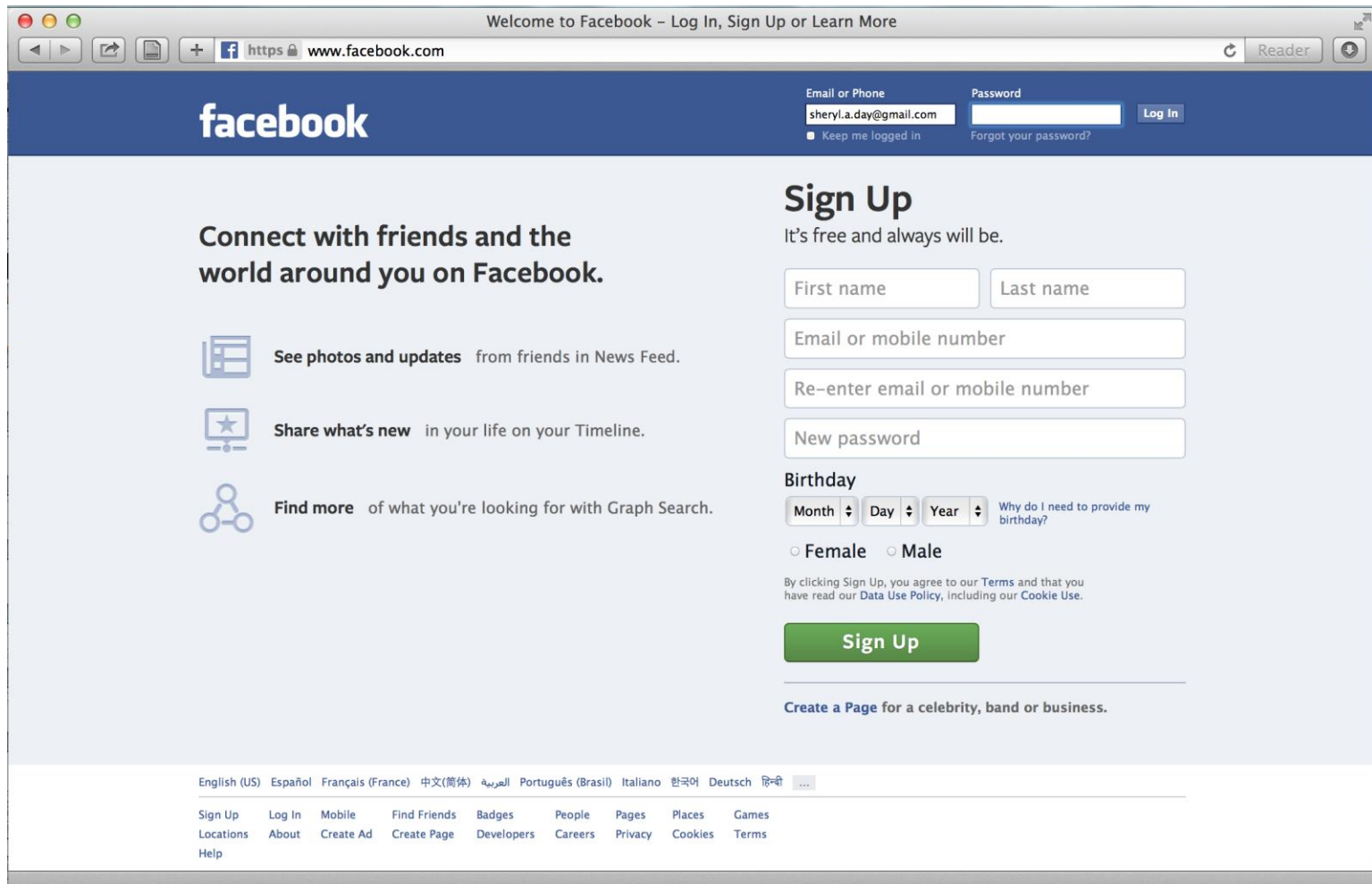
Update Your Browser

You're using a web browser that isn't supported by Facebook.
To get a better experience, go to one of these sites and get the latest
version of your preferred browser:
Internet Explorer
Mozilla Firefox
Google Chrome
Get Facebook on Your Phone
Stay connected anytime, anywhere.
Sign Up Log In Mobile Find Friends Badges People Pages Places Games
Locations About Create Ad Create Page Developers Careers Privacy
Cookies Terms
Help
Facebook © 2015
English (US)

(NORMAL LINK) Use right-arrow or <return> to activate.
Arrow keys: Up and Down to move. Right to follow a link; Left to go back.
H)elp O)ptions P)rint G)o M)ain screen Q)uit /=search [delete]=history list
```

The Web After...Web Browsers

- Facebook using a Web Browser



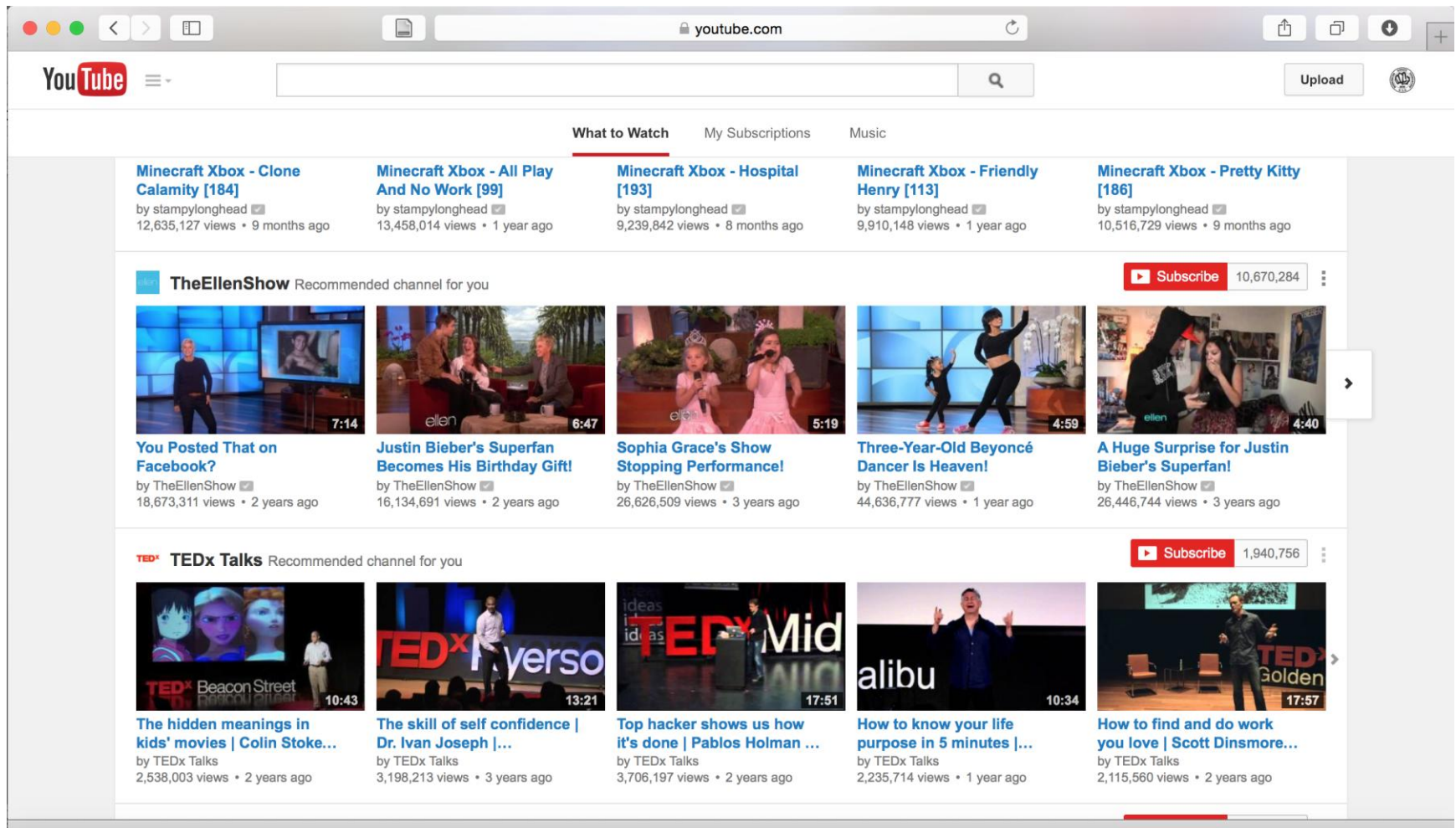
The Web Before...CLI

- YouTube using the Command Line Interface

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sheryladay — Lynxlet — 168x48
#<<< YouTube Video Search alternate alternate publisher YouTube (p1 of 18)
YouTube home
[BUTTON]
Upload [BUTTON] Sign in
(Submit) Search
* What to Watch
* Music
*
+ What to Watch
-----
*
Best of YouTube
+ Popular on YouTube
+ Music
+ Sports
+ Gaming
+ Education
+ Movies
+ TV Shows
+ News
+ Live
+ Spotlight
-----
*
+ Browse channels
-----
* Sign in now to see your channels and recommendations!
Sign In
Show ad
Watch Queue
TV Queue
Watch QueueTV Queue
[BUTTON]
(NORMAL LINK) Use right-arrow or <-return> to activate.
Arrow keys: Up and Down to move. Right to follow a link; Left to go back.
H)elp O)ptions P)rint G)o M)ain screen Q)uit /=search [delete]=history list
```

The Web After...Web Browsers

- YouTube using a Web Browser



Web Browsers

Common Web Browsers:



Internet
Explorer



Google
Chrome



Opera



Safari



Firefox

Break: 5 Minutes

Activity 2.1: Browser Navigation

Demo: General navigation elements in desktop browser

Group Work

Identify the following elements in various browsers:

- Tabs
- Address / Search Bar
- Navigation Swipe / Buttons (Forward & Back)
- Refresh
- Scroll bars
- Bookmarks
- Sidebar

Activity 2.2: Browsers Across Platforms

Demo: Searching on the web

Group Work:

Open Facebook in a browser and app on your devices. Compare your search results across these platforms

- What did you notice about your search results?

Activity 2.3: Hypertext and Hyperlinks

- Hyperlinking makes the web a very powerful system
- Hyperlinks vs. Hypertext

Group Work:

- Open a Link Hyperlink / Hypertext
- Identify Hyperlinked information using Hypertext
- Share / receive Hyperlinked information using Hypertext

Activity 2.4: Tabs and Bookmarks

Demo: Tabs and bookmarks using desktop browsers

- Single
- Tabbed

Group Work:

- Save 3-5 bookmarks on your device browser
- Close your browser completely
- Reopen your browser and open your bookmarks
- What differences do you note from the demo?

Review

Topics Covered:

- Development and evolution of the Internet, the World Wide Web, and Web browsers

Concepts Learned:

- What is the Internet?
- What is the World Wide Web?
- What is the difference between the Internet and the Web?
- How do I find information on the Internet?
- What are the advantages and disadvantages of the different ways to find information on the Web?
- How do I save and share information that I find on the Web?

End of Module 2

Congratulations!!!

You have completed Module 2: A Mobile Lens on the Internet

This is a product of the *Information Strategies for Societies in Transition* program. This program is supported by United States Agency for International Development (USAID), Microsoft, the Bill & Melinda Gates Foundation, and the Tableau Foundation. The program is housed in the University of Washington's Henry M. Jackson School of International Studies and is run in collaboration with the Technology & Social Change Group (TASCHA) in the University of Washington's Information School, and two partner organizations in Myanmar: the Myanmar Book Aid Preservation Foundation (MBAPF) and Enlightened Research Myanmar (EMR).

