By the end of today’s session you will:

– Know of the surface and deep web
– Explored the advanced features of Google Search
– Understand the limitations of using only Google
– Have developed an awareness of other internet resources to assist with your studies
BEFORE YOU START SEARCHING, ASK YOURSELF...

✓ What information am I searching for exactly?
✓ How might others report on this topic?
✓ What keywords and phrases could be used to represent this topic?
✓ What kind of documentation do I hope to find? Is it important?
✓ Do I need to think about the publication date, geographic region etc?
**Why?**

- Helps you develop your search strategy
- Helps you to determine what resources you should search
- If a web search is needed...helps you to select an appropriate search engine for the task
• Where do you start searching?

• Why?
Benefits

- Easy to search
- Extensive indexing – 50 billion pages and counting
- Well developed web crawlers (Googlebot)
- Knows you

Limitations

- Knows you
- It doesn’t index everything
- Indexing can be controlled
The Deep Web

The Public Web

Only 4% of Web content (~8 billion pages) is available via search engines like Google

7.9 Zettabytes

The Deep Web

Approximately 96% of the digital universe is on Deep Web sites protected by passwords

Source: The Deep Web: Semantic Search Takes Innovation to New Depths
ATTRIBUTES OF THE SURFACE & INVISIBLE WEBS

WORLD WIDE WEB

Visible / Surface Web

Search Engines
- Examples: Google, Altavista, Bing

Search Directories
- Examples: Infomine, ipl2

Invisible / Deep Web

Specialised Searchable Databases
- Free
  - Examples: Library Catalogues, Digital Archives, Google Books
- Fee-based
  - Examples: Databases, Dictionaries, Encyclopaedias, E-books
http://www.google.ie/

Scholar.google.ie

Tutorial

Getting Started with Google Search
OTHER SEARCH ENGINES

Yahoo
AskJeeves
BING
MSN
HotBot
ipl2

- ipl2: information you can trust" was launched, merging the collections of resources from the Internet Public Library (IPL) and the Librarians' Internet Index (LII) websites

The Open Directory Project

- Claims to be the largest, most comprehensive human-edited directory of the Web
Yippy.com

– Metasearch engine which combines results of several top search engines
The UK Web Archive

The Internet Archive:

- Thousands of movies, live music, audio and text
- Home of the Way Back Machine
  - Old versions of 55 billion (!) webpages
INSTITUTIONAL REPOSITORIES

RIAN

- Access to Irish Research Publications

OAlster

- Union catalogue of OA collections worldwide
- Includes more than 30 million records
- 1,500 contributors
IRELAND

- www.cso.ie
- Irish Social Science Data Archive https://www.ucd.ie/issda/
  - Includes a useful listing of other datasets https://www.ucd.ie/issda/help/otherdataarchives/
- Irish Quality data Archive https://www.ucd.ie/issda/
- AgeStats http://www.agestats.ie/

UK Data Archive

- Acquire, curate and provide access to the UK's largest collection of social and economic data. Find out
Trinity College Library Dublin subscribes to:

• Abstract and Indexing databases e.g. Scopus
• Full text databases e.g. Academic Search Complete
• Electronic Books e.g. Knovel
• Reference works e.g. Oxford reference works

Check out your subject guide to get started.
Helpful Information for Trinity Students – a range of sessions to help you get the most out of library services & facilities

Monday 28th September – Friday 16th October

Sessions every day at 11.05am, 1.05pm and 3.05pm

All welcome…no need to book

View the brochure online

Endnote Desktop sessions
- 27-30 October
- 10:00 – 12:00 & 14:00 – 16:00 and 1 session at 16:00-18:00
Thank You!

The Library of Trinity College Dublin, The University of Dublin

Leabharlann Choláiste na Tríonóide, Ollscoil Átha Cliath