Lecture 0

Introductory Lecture

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Structure

1. Personal introduction
2. A non-traditional approach
3. A look through the program
4. *student comments and discussion*
5. practical arrangements

Reading

nothing

personal background

- trained as academic economist
- interest making research resources for economists available on the Internet: "leisure librarian"
- opened NetEc in 1993
- opened RePEc in 1997
- co-founded Open Archives Initiative in 1999

now very tired from all this...

traditional approach

- resource awareness
- resource usage
- resource evaluation

non-traditional approach

- resource creation
- resource description
- non-resource description (Arms' critique)

not covered

- relationship with print resources
- rôle of libraries

now let's have a look through the program as PROPOSED

Lecture 1: Internet archeology

Thomas will cover

- listservs
- usenet

students will cover one of each of their favorite old Internet resource

- should be pre-Web if possible
- may still exist or be dead

peer-assessed presentation, 5 minutes each. Goal is to find an old, obscure, but useful (at the time or now) resource.

Lecture 2: Internet resource guides

Thomas will cover

- Open Directory Project

students will cover one of each of their favorite Internet resource guide, peer-assessed presentation, 5 minutes each.

Goal is to explain why this is a good guide *on a specific subject*, why it is better to use this guide than a search engine.

Lecture 3: Internet search engines

miniexam on listserv, usenet, odp

Internet search engines: google

peer to peer networks (maybe)

Lecture 4: html and URL

miniexam on previous lecture

write some html?

explain URL

Lecture 5: other UR?

miniexam on previous lecture

URI general syntax

URN and URN resolution

Lecture 6: well-formed XML

miniexam on previous lecture

main elements of XML syntax for creating well-formed XML

- processing instruction
- root element
- attributes
- character sets
- comments
- entity references

Lecture 7: valid XML

miniexam on previous lecture

Example for validity constraints

- sofix DTD
- AMF Schema file

Lecture 8: CSS & XSLT

students to show CSS file

then Thomas will introduce XSLT.

Lecture 9: XSLT

miniexam on previous lecture

more on XSLT

Lecture 10: RDF

miniexam on previous lecture

then Thomas will talk on RDF

Lecture 11: DC and RDF

miniexam on previous lecture

Dublin Core and its representation in RDF

Lecture 12: Conclusions

miniexam on previous lecture

time to have a beer...

Practical arrangements

assesment

teach on Thanksgiving...