DCMI Kernel Metadata Working Group

5 Oct 2006 – DC2006, Manzanillo, Mexico

Quién, Qué, Cuándo, Dónde,
(Cómo, Por qué)

Who, What, Where, When,
(How, Why)
Kernel Working Group

- Established: October 2002, currently 55 subscribers
- What Kernel metadata looks like:

  erc:
  who: National Research Council
  what: The Digital Dilemma
  when: 2000
  where: http://books.nap.edu/html/digital%5Fdilemma

- Or, even shorter:

  erc: National Research Council
  | The Digital Dilemma | 2000
  | http://books.nap.edu/html/digital%5Fdilemma

- Task: express this as a DCMI application profile
Kernel Tools

Designed to be easy on tool building. So far:

• Record syntax ERC (Electronic Resource Citation) parser: 2 lines of Perl (no error checking)
• ERC generator, but from internal database format
• Support by search engines; pilot use in the Tiny HTTP URL Mapping Protocol (THUMP), e.g.,
  
  http://example.foo.com/?in(books)find(war and peace)show(full)

General form:  ? in(DB) find(QUERY) list(RANGE) show(ELEMS) as(FORMAT)

• Problem: hard to create truly general metadata tools
• Question for Tools WG: what tools do people want?
A Tools *Kernel*?

What are the basic needs of the Tools WG that might inform the Kernel’s priorities?

Is there a set of identified functional gaps not met by current tools?

What balance of speed, error checking, and cost?

Is Tiny HTTP URL Mapping Protocol (THUMP) interesting?

Is there a core/kernel set of general metadata tools?

( ¡Wanted: help completing the Kernel Application Profile! )