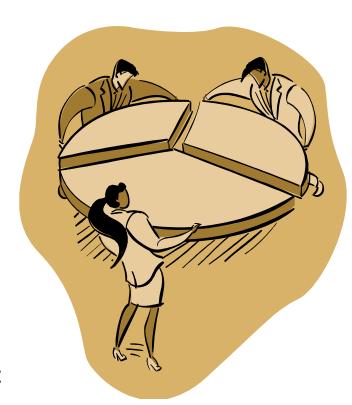
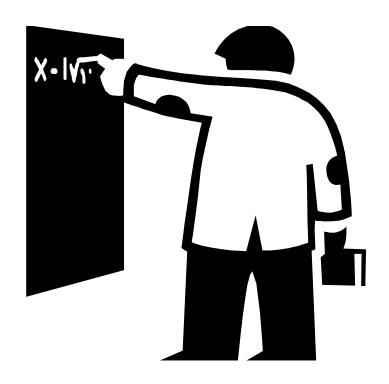
Commercial search engine developers and universities: a critical time for collaboration in the coming age of publicly accessible research data

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- The past and the "recent present":
 - In universities, researchers have had fairly little incentive to preserve and share their research data with others in the long term, aside from altruism
 - Not to be confused with temporary data collaboration during a project
 - Data sharing and publishing largely not a recognized scholarly activity for the tenure process



The potential game changer: requirements by

research funding organizations



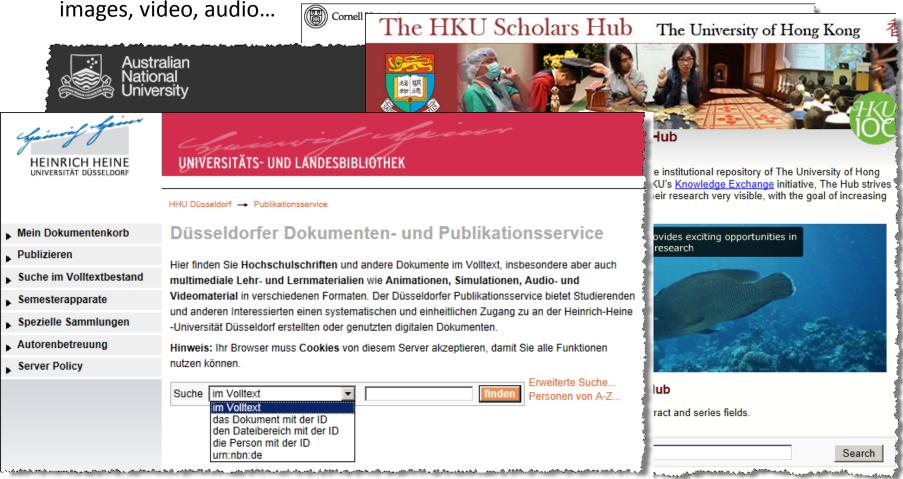
we will be adding similar requirements to the other ODH grant programs.

always, please get in touch if you have any questions. DHIG?

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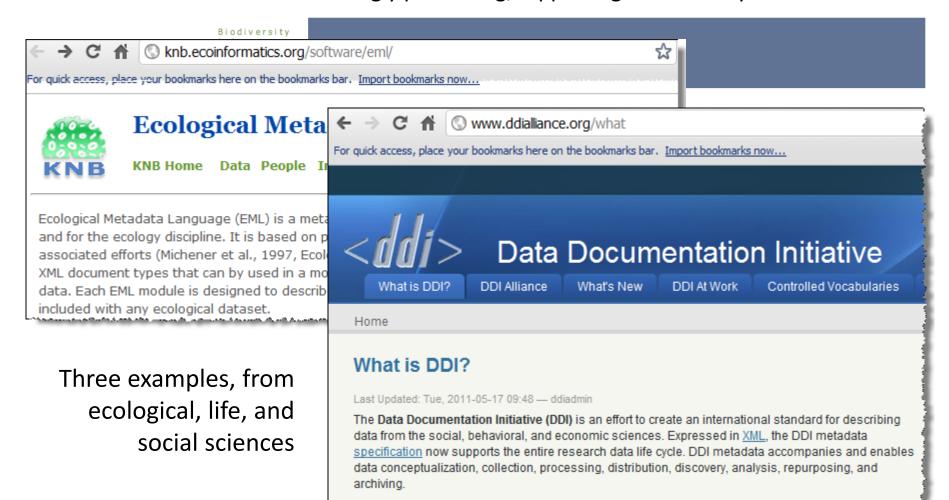
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Many research universities have their institutional repositories, chiefly for texts, images, video, audio

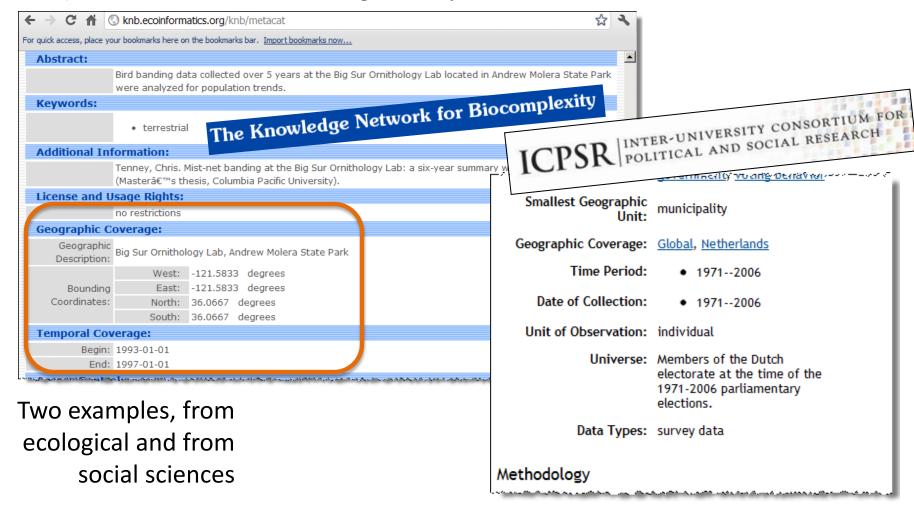


... which some now (want to) adapt to accommodate *research data* ... or build separate repositories for that purpose

The good: metadata standards for specific domains of research data do exist, and research universities are increasingly promoting/supporting their use by scientists ...



... so research data is (or at least can be) documented in ways that do (or at least could) allow for "search" in data-targeted ways:



The bad: as research data sharing becomes mandatory, university departments, libraries, research centers, associations, consortia, etc. will likely create more and more (different) information silos for more and more (diverse) data



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The ugly: the *future* researcher, looking for data for repurposing, replication, ... won't and shouldn't have to know or care much about how this infrastructure came to be ...

1	24000
0	+5.000
1	+1.500
0	+1.125
0	+1.062







... but will want cross-data-repository searching to be easy, yet focusable

Who can create the solutions to these problems? Research-generating institutions (incl. universities) and search engine developers together













Thank you for your time & attention!

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Look for this presentation in:

http://ecommons.library.cornell.edu/handle/1813/17391