

DIGITAL LIBRARIES & CYBERSCHOLARSHIP COLLOQUIUM SERIES

Featuring international experts in the Digital Libraries Field

<http://www.ischool.pitt.edu/colloquia/digital-libraries-series.php>

Monday, November 8, 2010

3:30 pm, Room 501 IS Building

School of Information Sciences, University of Pittsburgh

Sam Coppens & Erik Mannens

IBBT - MMLab, The MultiMedia Lab, University of Ghent

"Digital Long-Term Preservation – A Provenance Story"

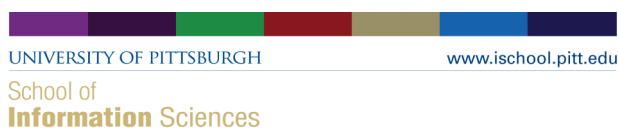
Abstract:

Nowadays, the need for digital long-term preservation is growing. A lot of the digital information produced merely a decade ago is in danger of getting lost as technologies are changing. This also threatens a lot of information from heritage institutions in Belgium. Analogue carriers are degrading and digitization is a must, but digital copies are also subjected to many risks, e.g., data carrier corruption, or file formats becoming obsolete. For this, a distributed long-term preservation platform is being developed overcoming those risks, assuring the accessibility of the information. This distributed archive harvests the data records from the institutions, disseminates the data as Linked Open Data, and archives the data for the long-term by providing and tracking its provenance information. This provenance information is described using PREMIS OWL, our developed and (LOC) approved semantic implementation of the PREMIS 2.0 data dictionary.

Sam Coppens and Erik Mannens are researchers in the MultiMedia Lab at the University of Ghent, Belgium. IBBT research projects touch all aspects of society and all types of IT users.

Co-sponsored by the Working Memory Seminar Series at the iSchool at Pitt

This colloquium series is sponsored by



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