

# ***Implementing Rights Management in Learning Environments***

*A panel proposal for Ed-Media 2004 submitted by: Robby Robson, Eduworks Corporation*

## **Abstract**

Managing the rights associated with digital learning content is a legal, societal and technological challenge. This panel focuses on the technological aspects. Two panelists will briefly demonstrate and discuss research projects in the European Union and Australia where course management systems and learning object repositories have been integrated into distributed networked environments. Two other panelists will equally briefly demonstrate and discuss general technologies and standards being developed in the United States and United Kingdom for expressing and managing rights. The moderator and audience will have ample opportunity to ask questions about the implementations shown and about the direction being taken by technology that provides rights management and related services.

This panel will be moderated by Robby Robson and is intended to follow his invited talk on *Digital Rights Management in the Academy*. For references, see the references section of <http://workshops.eduworks.com/nlii2004>

## **Panelists**

- Chris Barlas, Rightscom, (UK), is chair of the Open eBook Forum Systems Group, a non-executive director of the Copyright Licensing Agency and a member of the editorial board of Copyright World. Chris is an expert on standards and technology that relate to rights management.
- James Dalziel, Director, Macquarie E-Learning Centre of Excellence (Australia) and principle on the Collaborative Online Learning and Information Services (COLIS) demonstrator project. <http://www.colis.mq.edu.au/>
- Harry Piccariello, Director of Business Development, ContentGuard Inc. (U.S.). ContentGuard has developed technology for expressing rights in the MPEG-21 Rights Expression Language - <http://rightsexpress.contentguard.com/>.
- Robby Robson (moderator) is president of Eduworks Corporation (<http://www.eduworks.com>), chair of the IEEE Learning Technology Standards Committee (<http://ltsc.ieee.org>), and the principle investigator on the Reusable Learning project (<http://www.reusablelearning.org>). Robby has written white papers and given presentations and workshops on various aspects of learning technology and rights management.
- James Simon, Chief Technology Officer, Sun Microsystems. James is the architect of the EUN Celebrate project ([http://www.eun.org/eun.org2/eun/en/index\\_celebrate.cfm](http://www.eun.org/eun.org2/eun/en/index_celebrate.cfm))

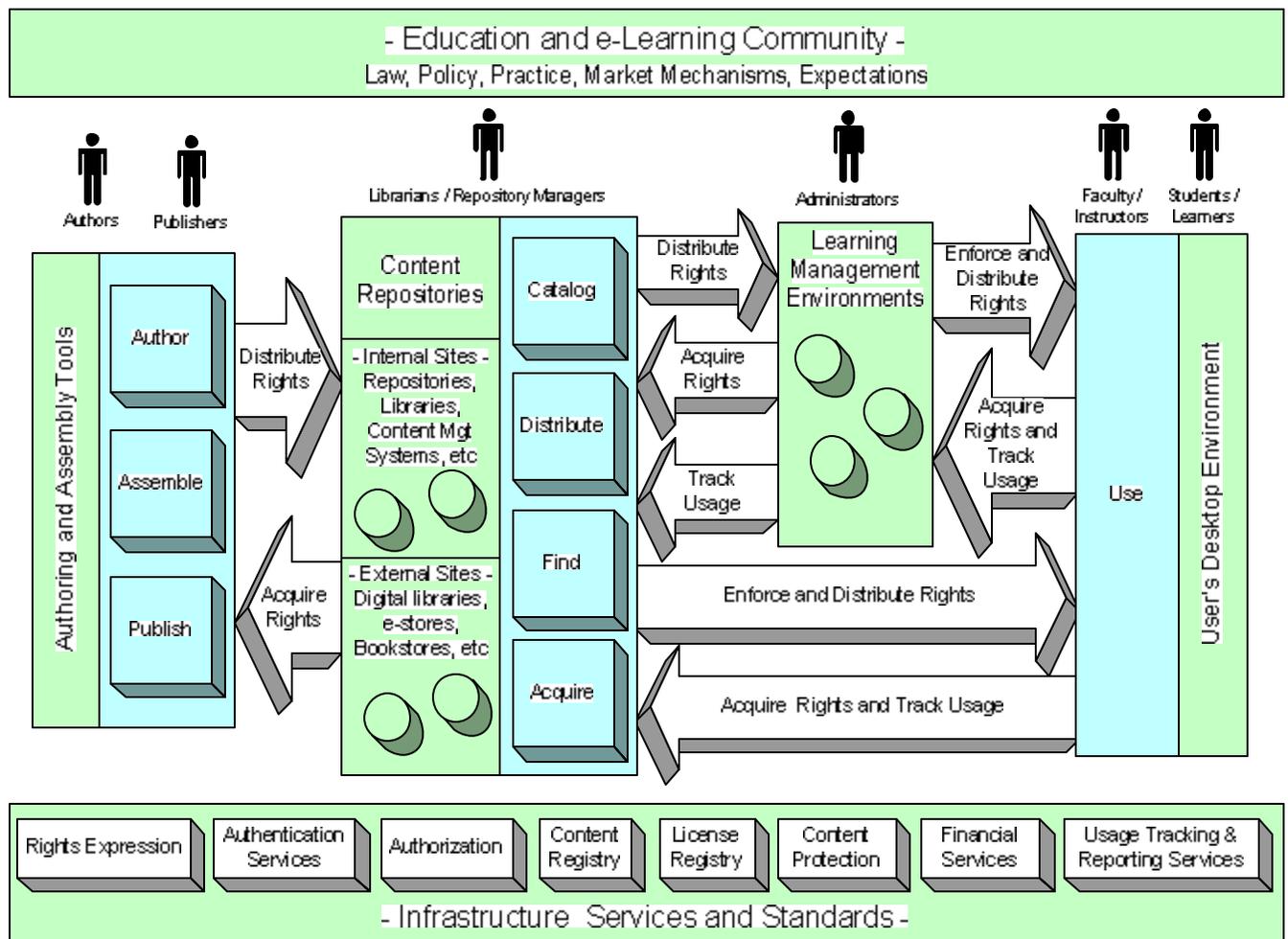
## Organization

The panel will cover the following topics:

- Introductions (5 minutes)
- Digital Rights Management Ecosystems (see diagram below) (5 minutes) - Robby Robson
- The COLIS demonstrator project (5 minutes) – James Dalziel
- The CELBRATE project (5 minutes) – James Simon
- RightsExpress (5 minutes) – Harry Piccariello
- Rights standards and technologies (5 minutes) – Chris Barlas
- Questions of the panel

Relevant white papers / brief articles will be distributed. Some of these might be works submitted to the AACCE ED-MEDIA proceedings but others will be works that already have been published in other venues.

## Digital Rights Management Ecosystem



(This diagram is a draft that is included for application purposes only. Do not reproduce or publish.)