Topic: Open-Source Software In Broadcasting

Date: Tuesday, January 11th, 2011
Time: 7:00 PM
Location: Rogers Communications Centre Eaton Theatre, Ryerson University 80 Gould Street, Toronto
Arranged By: Paul Briscoe, Leigh Whitcomb

Open-Source software is everywhere today, and the urge to use it in commercial applications is hard to resist, but do you dare exposing your bread-and-butter operations to it? This evening’s topic focuses on this arena to shed some light on the ins and outs of using Open Source in the broadcast environment. We have three presentations covering the topic, and will wrap up with a panel discussion among the presenters including audience Q&A.

Sean Kennedy (Quality Integrators Corporation): Intellectual Property and Open Source.
What does GPL mean? For vendors? For consumers? What licensing is great, what is not so great. How are patents changing the landscape? Sean will explore this potential minefield for implementers and offer insight into the issues around use of Open Source.

Brad Fortner, Tyler Pham and David Tom (Ryerson University): The Power And Economy Of Session Initiation Protocol (SIP) and Broadcast IP Intercom Systems
Over the past three years Ryerson’s Rogers Communications Centre has replaced its enterprise wide TV Studio Intercom System with a system that is IP based. One of the goals of the conversion was to ensure the Intercom system could be accessed from anywhere globally using any IP network. In this presentation the staff from Ryerson University will present how they made use of Asterisk, a free open-source software implementation of a telephone private branch exchange (PBX), in conjunction with the Session Initiation Protocol (SIP) capabilities of their new Intercom system.

Ira Abbott, Clarence Ip, Marcin Komorowski (Harris): Open-Source in Broadcast
The use of Open-Source vs. commercial software is a decision that is more and more being faced by product, system and workflow designers. How to make this choice is not always clear. In this presentation these Harris product developers will explore the impacts of this choice in the different phases of a development project and offer insight into how to quantify the risks and benefits associated with both options.

The SMPTE Board of Managers will meet in Room RCC-102 starting at 4:45 PM.

Pizza & Pop Dinner provided at 6:30pm, there is no break between presentations

We Set the Standard for Motion Imaging