

Rogers Communications Centre's "Moving On Mobile" Project Prepares Content Creators For Next Generation Internet Access

From: Office of Program Director, Operations and Technology, Rogers Communications Centre

December 1, 2009 – By 2020, Mobile devices will be the primary technology through which the world will connect to the Internet. An integral element of this fundamental change, the Rogers Communications Centre recently introduced two leading-edge mobile development platforms,

Following consultation with representatives from Ryerson's Faculty of Communication and Design, a combination of Apple iPod Touch and Google Android devices were purchased to provide a flexible hardware foundation for fostering skills development in the mobile technology field.



In February 2009, eleven 8GB Apple iPod Touch (G2) devices and an Android Development (Dev 1) mobile phone was acquired for use by faculty and staff in the RCC. The Apple iPod Touch and Android devices currently augment a mobile inventory of One Laptop Per Child (OLPC) laptops, Nokia N800 Internet Tablets, and HP iPAQ devices.

In addition to the recent mobile device acquisitions, the RCC enrolled in Apple's iPhone Developer University Program and Google's Android Development Program. These programs provide students and faculty with access to in-depth training resources, platform SDK's and application "stores".

A number of software components were also installed on systems within the RCC to support iPod Touch and Android development. For example, the latest Apple and Google Android SDK's were installed on Apple MacBooks currently in use in the RCC's Mixed Reality Production Cluster. Apple's iPhone SDK components were also added to the Apple Development Tools environment installed on these laptops. To promote cross-platform development skills, the Android SDK and the Android SDK components for the open-source Eclipse IDE for Java environment were installed on the laptops in a dual operating system configuration.

Information on Hybrid Computing Media Lab can be found at <http://www.rcc.ryerson.ca/technology/rcc-357.htm>

More information on the Rogers Communications Centre, the shared FCAD facilities it operates and the specifics of the labs that it operates can be found at www.rcc.ryerson.ca/technology/index.htm