

Speaker:

Mr. Tom Barrett, Quadros Systems, Inc.

WHEN: Sept. 11, 2007

TIME: 4:00 PM

WHERE: PGH 343

Title: An Overview of the RTXQ Quadros RTOS

Abstract:

Today's embedded real-time systems often require elements of both control- and data-plane operations, making traditional RTOS architectures less than efficient. The RTXQ Quadros RTOS offers developers of real-time embedded systems a design that can be user-scaled to three RTOS architectures. The RTSO can run only data plane operations such as DSP or all control plane operations with traditional tasks. Or, it can be configured to a third configuration to support any combination of the first two. With a common API and multiple scheduling policies, the architecture of the RTOS makes it especially suitable for the complex embedded applications today and in the future.

Biography:

Tom Barrett is the president and founder of Quadros Systems, Inc. He has been actively developing application and operating system software as well as software business management for 45 years. He is the original developer of the RTXQ RTOS technology that dates to 1978. The RTXQ RTOS is now in its second generation and is used in thousands of embedded systems products worldwide. Tom is a graduate of the University of Texas with a BA in Mathematics. You can contact him at tom.barrett@quadros.com.