

# **PatternAgents Hands-On Workshop Series : “ARM Cortex-M Programming using Eclipse Components”**

**When : Tuesday October 27<sup>th</sup>, 2015 @ 5:00pm**

**Where : 8905 SW Nimbus Ave. Suite 100  
Beaverton, OR 97008**

**RSVP : [patternagents@gmail.com](mailto:patternagents@gmail.com) (RSVP required)**

The Infineon DAVE® Integrated Development Environment is an advanced C/C++ language software development and automated code generation tool for ARM Cortex® microcontrollers, based on the Eclipse platform. It automates the tedious setup and configuration of subsystems and peripherals for ARM Cortex® microcontrollers, and includes custom IP development and packaging capabilities. It also supports third-party tools like Matlab, Keil, xSPY, Segger, and others.

## **Workshop Objectives :**

- Understand the Infineon XMC Series of ARM Cortex-M Processors (ARM Cortex®-M0/M4/M4F and XMC1000/4000 Peripherals)
- Learn to use the DAVE® IDE for hardware configuration, software generation, program development, and debugging
- One-Click addition of RTOS components (RTX & FreeRTOS)

## **Required Hardware :**

Windows Compatible Computer with USB port

XMC2GO Development board (provided to each attendee)

## **Sponsored by :**



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