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Introducing: New Intel® IoT Training Hub

Stay up-to-date with the latest IoT training webinars, videos, and commercial workshops on the Intel® Software Developer Zone for IoT.

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Internet of Things (IoT)

Get Started Developing Automated Driving Solutions

From car to cloud, the most scalable automated driving platforms are built on Intel® Technology. Begin developing solutions with IoT and other tools from Intel®

Where are the Ultimate Coders Now?

Find out what finalist teams in the Intel® Ultimate Coder Challenge 2016 are up to now, as the innovation lives on.

Check it out >
Software to create amazing driving experiences.

Learn more >

GAME DEV

Adaptive Screen Space Ambient Occlusion

This code sample introduces Adaptive Screen Space Ambient Occlusion (ASSAO), specially designed to scale from low-power devices and scenarios up to high-end desktops at high resolutions.

Get it >

Close Calls, Hard Choices, and a Dog Named Waffles: Developing Overland*

Winning Best Art Design in the 2016 Intel Level Up Contest, Overland is a work-in-progress that started life as a 2D tablet-based prototype.

Learn more >

ARTIFICIAL INTELLIGENCE

Tutorial: Getting Started with Intel® Deep Learning SDK Training Tool

The DLSDK Training Tool is a web application running on a Linux* server providing a user-friendly, intuitive interface for building and training deep learning models.

Download tutorial >

Improve Performance of K-Means with Intel® Data Analytics Acceleration Library

This article discusses an unsupervised machine-learning algorithm called K-means that can be used to solve data problems.

Read it >
**Windows**

Intel® Software Guard Extensions Tutorial Series: Part 6, Dual Code Paths

In this installment of the Intel® Software Guard Extensions (Intel® SGX) series, we design our Tutorial Password Manager to work on hosts with and without Intel SGX capability. Includes a code sample.

Democratizing 3D Content Creation: Tilt Brush to Adobe’s Project Felix

Learn about new possibilities for artists thanks to recent tools from Google* and Adobe*, and how they are democratizing 3D content creation for the creative.

**Data Center**

Intel® Xeon Phi™ Processor Family Memory Management Optimizations

This paper examines software performance optimization for an implementation of a non-library version of DGEMM executing on the Intel® Xeon Phi™ processor running the Linux* Operating System.

3D Isotropic Acoustic Finite-Difference Wave Code: A Many-Core Implementation

Solve an isotropic acoustic 3D wave equation using explicit, time domain finite differences by modifying to the code to incorporate High Bandwidth Memory (HBM).

**Tools and Technology**
Link Aggregation Configuration and Usage in Open vSwitch* with DPDK

Link aggregation is a feature of DPDK ports on OVS. Benefits include high availability, traffic load balancing and extending the link capacity. Learn how to configure.

Learn more >

Intel® ISA-L: Semi-Dynamic Compression Algorithms

Intel ISA-L’s semi-dynamic compress-deflate algorithms can improve your storage application’s compression and throughput performance. This article includes a compression tool sample app.

Get it >

EVENTS

Mobile World Congress 2017
February 27 - March 2
Barcelona, Spain

Embedded World
March 14 - 16
Nuremberg, Germany

Digital Signage Expo
March 29 - 30
Las Vegas, Nevada

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