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Intel Redefines Silicon with New Processor Built for AI

Introducing the world's first processors designed for AI: Intel® Nervana™ Neural Network processors accelerate deep learning and machine learning, helping extract meaningful insights from data.

Learn more >

ARTIFICIAL INTELLIGENCE

Tutorial Series: Master the Developer Journey from Ideation to Launch

Written by experts in AI, machine learning and deep learning, this 24-part hands-on training series introduces

Developer Economics Survey: Win Prizes, Get Insights and Have Fun

Are you ready for the most global developer survey? The Developer Economics Q4 ’17 survey is here. Designed
you to tools, infrastructure and techniques to build an app with powerful AI capabilities.

by developers for developers, it aims to shed light on the future of the software industry!

INTERNET OF THINGS (IoT)

NEW: Arduino Create* support for Intel®-based Platforms and the UP Squared* Grove IoT Development Kit

Arduino Create* offers easy-to-use rapid prototyping capabilities on Intel®-based platforms, while the UP Squared* Grove* IoT Dev Kit provides a clear path to production, simple set up and configuration.

IoT Reference Implementation: Building a Face Access Control Solution

Get the steps for creating an app to grant physical access with Intel® Computer Vision SDK via facial recognition.

VIRTUAL REALITY (VR)

Ultimate Performance in VR Powered by Intel® Xeon® Scalable Processors and Intel® Xeon® W Processors

Imagine snapping hundreds of photos with an unmanned aerial vehicle (UAV) and building them into a photorealistic 3D model. Using the power of Intel®

Holograms are the Future

Euclidean CEO Bruce Dell and team solved a huge problem with hologram tables and plans to use them to solve many more challenges in the years ahead.
**DATA CENTER**

**Just Announced: Winners of Modern Code Developer Challenge**

Winners of this contest are presenting their projects in the Intel booth at SC17 this week. Budding developers used modern code programming methods to improve code and help move science forward.

**Code Fault Tolerance for Persistent Memory Using Non-volatile Memory Libraries**

This code sample shows how to implement fault tolerance in a persistent memory version of the famous MapReduce (MR) algorithm.

**The Open vSwitch* Exact-Match Cache**

The Exact Match Cache is the first and fastest mechanism used by Open vSwitch* (OVS) to determine what to do with incoming packets. See its role in the OVS workflow and learn about its key features.

**GAME DEV**

**Chasing the American Dream: VR Game from Australia**

A small indie team from Australia creates a VR game with an American vibe. The American Dream takes you on a journey through the stages of life in a 1950's style America.

**Use the Intel® SPMD Program Compiler for CPU Vectorization in Games**

Now developers can migrate highly vectorized GPU compute kernels into vectorized CPU code by using Intel® SPMD Program Compiler, providing the user with a richer gaming experience.
TOOLS AND TECHNOLOGY

Introducing the IoT Developer Show

The first episode of the IoT Developer Show, a monthly show showcasing IoT technology, sharing learning opportunities and highlighting cool demos, is available for viewing now!

An Overview of Advanced Server-Based Networking Technologies

Get an overview of tools for advanced technologies in SDN and NFV. It covers DPDK, Open vSwitch, SR-IOV, FD.io and VPP and describes common virtualization scenarios.

EVENTS

Intel® AI Academic DevJam
December 3, 2017
Long Beach, California

2017 Intel Software Developer Conference
December 5, 2017
Frankfurt, Germany

CES 2018
January 9-12, 2018
Las Vegas, Nevada