One Stop for Optimizing Your Data Center

Whether your data center is compute or data intensive and serves cloud, HPC, enterprise, storage, networking, or big data analytics, Intel has solutions and technologies to make your life easier.

Find out >

INTERNET OF THINGS (IOT)

Scaling for IoT Market Demands
The ability to quickly scale hardware solutions is more important than ever in today’s ever expanding marketplace. Intel provides an easy processor roadmap showing you what power you need and when you need it.

Interbotix TurtleBot* 2i Makes ROS-Powered Robotics Easy
Now it’s easy to learn ROS with the TurtleBot* 2i platform, integrating Intel® RealSense™ technology and the Intel® Joule™ module to lower the time and cost of development.
GAME DEV

Improve the Performance of Your Games in Unreal Engine* 4
This first tutorial in a three-part series covers a collection of tools to use within and outside of Unreal Engine* 4 to improve game performance.

Optimizations Enhance Halo Wars* 2 For PCs with Intel® Integrated Graphics
Find out how UK-based studio Creative Assembly* ensured their game would run on a variety of settings supported by DirectX* 12 and be playable up and down the hardware ladder.

ARTIFICIAL INTELLIGENCE

Docker*-ized Deep Learning with Intel® Nervana™ Technology
Learn how to make a simple, but fast deep learning implementation in neon and deploy it on a production cluster.

BigDL: Distributed Deep Learning on Apache Spark*
This article introduces BigDL, shows how to build the library on a variety of platforms and provides examples of BigDL in action.
Enable Billions of Colors with 10bit HEVC

Human eyes are capable of seeing many more colors than those shown by video displays. Get an overview of 10-bit vs. 8-bit color depth.

Hands on Lab: Intel® Software Guard Extensions (Intel® SGX)

Want to strengthen the security of your applications? Join Intel for hands-on lab instruction with Intel® SGX, a technology for developers who want to protect sensitive data from modification.

Testing DPDK Performance and Features with TestPMD

Learn to build and configure the DPDK TestPMD application and how to use it to check the performance and features of different network devices using DPDK.

SPDK and the Intel® I/OAT DMA Engine Speeds Data Movement

Moving data between two different computers using SPDK and Intel® I/OAT DMA Engine speeds the movement of data at nearly the same speed as moving it in a single computer.

Tools and Technology
Intel® Media SDK for Linux® is Now Open Source

Intel has delivered the first open source release of the suite that helps software developers optimize their media applications on Intel® platforms with an easy-to-use API, runtimes and more.

Join the Intel® Parallel Studio 2018 Beta

Deliver top C++, Fortran®, and Python* application performance with less effort—now with roofline analysis, optimized machine learning algorithms, and lots more.

Download it >

Get started >

EVENTS

Maker Faire Bay Area
May 19 - 21
San Mateo, Ca

Learn more

Computex
May 30 - June 3
Taipei, Taiwan

Register

IoT Tech Expo
June 1 - 2
Berlin, Germany

Find out