DEVELOPMENT TOOLS & OPERATING SYSTEMS FEATURE

**Structures and Classes in C++**

A shift to C++ has been anticipated for many years. There is a very healthy interest in the language and some development teams have adopted it, but the expected wholesale transition has not yet occurred. Many engineers are very wary of the language, as they feel that using it relinquishes some of the control that they are accustomed to with C. For me, this wariness manifests itself in frequent questions about C++ for embedded.

Read more

ELECTRIC VEHICLES NEWS

**IDTechEx Research Reviews Value Opportunities for EV Batteries**

IDTechEx recently released a report named ?Second-life Electric Vehicle Batteries 2020-2030,? which presents a comprehensive analysis of the second-life battery industry, and how it will evolve over the next 10 years.

Read more

EMBEDDED MEMORY NEWS

**HCC Embedded Joins Forces with Adesto to Support Adesto’s FusionHD NVMs**

HCC Embedded’s collaboration with Adesto Technologies Corporation will
sustain the new Adesto FusionHD serial flash technology, leveraging the distinct features of FusionHD devices to enhance functionality and data retention, reliability, and battery life of smart IoT devices.

**POWER ELECTRONICS NEWS**

**Distrelec and UnitedSiC Now Offer Silicon Carbide FETs, JFETs and Schottky Diodes**
Distrelec has added the UnitedSiC range of high-performance, energy-efficient SiC FET, JFET and Schottky diodes to their web shop for use in applications such as EV charging, PV inverters, switch mode power supplies, power factor correction modules, motor drives and induction heating.

**WEBCAST**

Panel Discussion: Security in the 5G Era
Sponsored by Lanier, Telit, Wind River
Date September 4, 2:00 p.m. ET
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**POWER ELECTRONICS NEWS**

**Bicker’s Fanless Industrial 160W DC-DC Converter Offers Wide-Range Input and Three Selectable Outputs**
The fanless DC160WS DC-DC converter from Bicker Elektronik delivers 160 Watts of continuous power at an efficiency of up to 98 percent.

**POWER ELECTRONICS NEWS**

**Eaton Unveils a Line of High Current Power Inductors**
Features include a current capability of up to 100 Amps, a lower DCR, low EMI, high voltage isolation, lower core loss, soft saturation (roll-off), and performance stability across the operating temperature range.

**POWER ELECTRONICS FEATURE**

**The Effects of Advanced Battery Management on Health Care Energy Storage Systems**
Battery monitoring systems are fundamental enablers of different markets. Batteries play a key role in a range of applications, from going the extra mile in electric vehicles to storing renewable energy for the smart grid.