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→ Business Architecture Elements

On March 24, Object Management Group members voted to issue a request for proposals (RFP) for a [Business Architecture Core Metamodel](#). This starts a process, which usually takes about two years, of receiving and evaluating submissions from industry or academia, leading to the adoption of a new standard.

Multiple modeling languages including BMM (Business Motivation Model), BPMN (Business Process Model & Notation), VDML (Value Delivery Modeling Language), or the Open Group's ArchiMate, tend to use common terms such as "value," "activity," "capability," etc. without consistency across them. The purpose of BACM is to obtain a consistent definition and set of relationships between a number of such concepts, and articulate them around the core notion of *business capability*, which has proven to be a key success factor in developing successful business architectures.

→ Data Residency: The Paper

The OMG paper on data residency was completed during the March 20-24 meetings and is now [available to the public](#). Organizations that handle information that might pose problems if it is stored or transmitted to other countries or jurisdictions from where it has been created will find in this paper an extensive discussion of the risks related to the disparity of laws and regulations around the world, as well as ideas on what the OMG might do in a next phase to help address the issue.

The paper will also be published with small editorial changes by the Cloud Standards Customer Council, as data residency issues do not arise solely in the context of cloud computing but are certainly exacerbated by it. Once this is done, expect a joint OMG/CSCC webinar announcement for some time in May.

→ The Top 100 Industrial Internet of Things Companies

Every quarter, IoT ONE assesses more than 1,600 Industrial IoT companies and identifies the 100 with the greatest impact in three areas: brand influence in markets, technology innovation, and ecosystem. The [Q1 2017 assessment](#) is out. IBM gets the highest overall rating, but it's Intel that leads in both brand influence and ecosystem openness, and General Electric in innovation. Five of the top 10 companies are from the US (Cisco and Dell round out the three already named) while the other five all hail from Northern Europe: SAP, Bosch, ABB, Siemens and Ericsson. Japan comes in at number 12 with NEC, the UK in 17th position with Vodafone, China's Huawei is no. 19 and France's Schneider Electric is no. 25.

→ LASER 2017: Software for Robotics

After a short hiatus, the [LASER conference](#) restarts in 2017 with Software for Robotics as this year's theme. The program will be less theoretical than in the past, and new presenters will include [Rodolphe Gelin](#), founder of Aldebaran (now [Softbank Robotics](#)) and one of the French leaders in the field. Ashish Kapoor of Microsoft Research will also participate.

The conference continues to be led by Prof. Bertrand Meyer, formerly Chair of Software Engineering at ETH in Zurich and now with Politecnico di Milano. As usual, LASER will take place on the Italian island of Elba, September 9-17.

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→ Notes from the Enterprise IoT Summit

The Enterprise IoT Summit 2017 took place on March 28-29 in Austin. There were perhaps 200 people in attendance, in a venue that seemed Spartan, if not cheap. Most of the talks failed to mention the whole IoT stack, including the integration from the device to analytics, but focused on the bottom of the stack -- connectivity trends including 5G wireless and low-power, long-range networks. A few buzz phrases such as "you first need to define the business case" were thrown in by some speakers for good measure.

A couple of the recorded talks are worth watching (kudos to the organizers for making them available for free), including this [keynote by Qualcomm's Brian Modoff](#) and this [short update on LoRa deployments](#).

→ Seen Recently...

"The future looks unpredictable to those who aren't shaping it."

-- Brian Modoff, of Qualcomm, speaking at Enterprise IoT Summit 2017 on March 28

"By 2021, more than half of global enterprises already using cloud today will adopt an all-in cloud strategy."

-- David Mitchell Smith, of Gartner, in his forecast for the second decade of cloud computing