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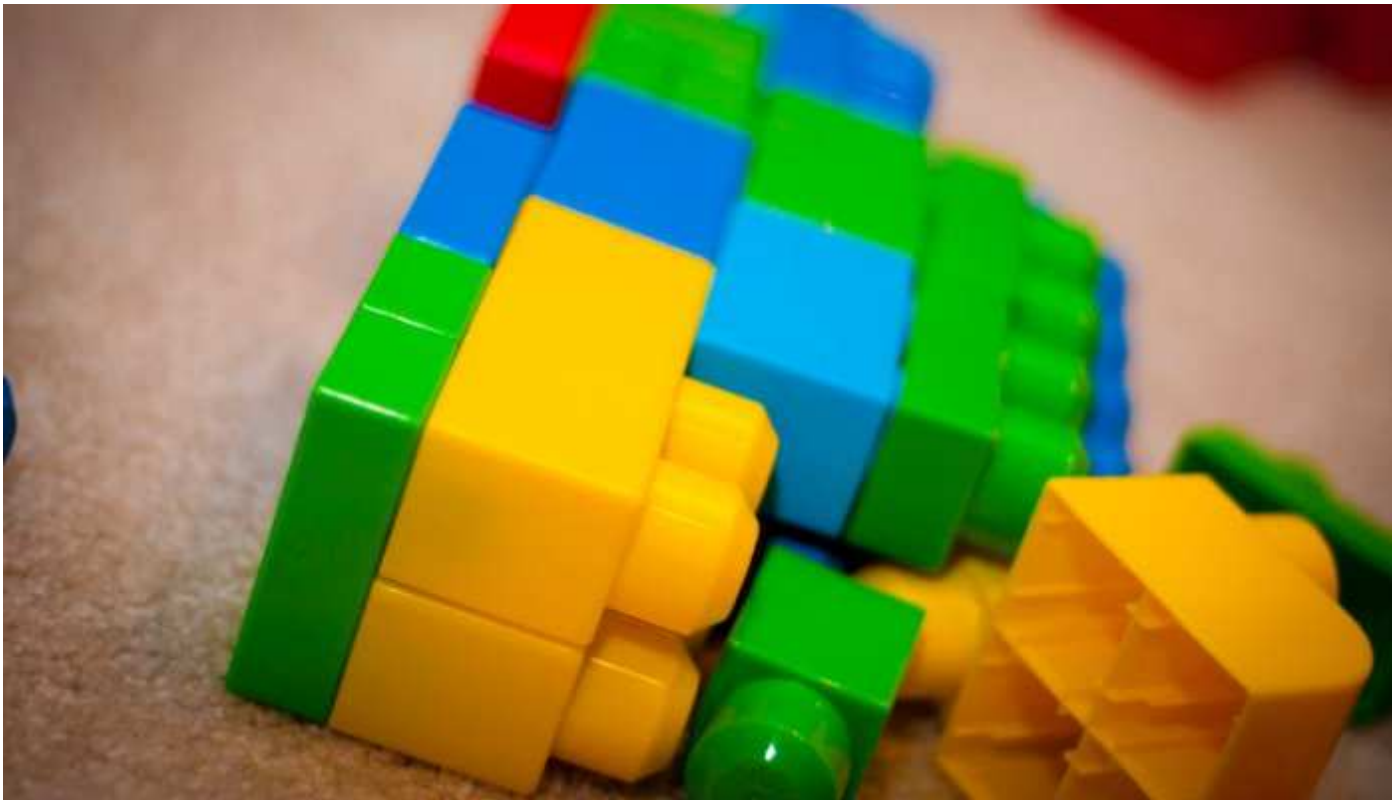
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Five Serverless Computing Frameworks To Watch Out For

🕒 March 22, 2016



(<https://www.janakiram.com/wp-content/uploads/2016/07/Serverless.jpg>)

The rise of mobile and IoT applications is fueling the growth of serverless computing platforms (<http://www.forbes.com/sites/janakirammsv/2016/02/28/five-factors-that-are-fueling-serverless-computing-part-1/>). This new paradigm is based on the microservices architecture, which is revolutionizing software development and deployment. Serverless computing frameworks, when triggered by external events, invoke autonomous code snippets. These snippets are loosely coupled with each other that are essentially designed to perform one task at a time. Serverless frameworks are responsible for orchestrating the code snippets at runtime. Think of it as an extensible, developer-friendly, IFTTT service in the cloud.

This emerging cloud computing service delivery model offers many advantages to developers and administrators. It finds a middle-ground between IaaS and PaaS by offering the right level of flexibility and control. With almost nothing to manage, serverless frameworks are strongly advocating the NoOps model.

Here are five frameworks for you to get started with serverless computing.

1. AWS Lambda

Announced at AWS re:Invent 2014, this is one of the first, most mature, and a stable serverless frameworks available in the market. Started with Node.js, this service now supports Java and Python. Over a dozen AWS services are integrated with Lambda, and the list is only growing. Mobile and IoT developers love Lambda due to the power and flexibility it brings. It's tight integration with Alexa Skills Kit makes it the most preferred platform to develop voice-activated applications for Amazon Echo. Amazon offers an interactive console and command line tools to upload and manage the snippets.

Website: <http://aws.amazon.com/lambda/> (<http://aws.amazon.com/lambda/>)

Read the entire article at Forbes (<http://www.forbes.com/sites/janakirammsv/2016/03/22/five-serverless-computing-frameworks-to-watch-out-for>).

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Janakiram MSV is an analyst, architect and advisor specialising in cloud computing and Internet of Things. He is the founder and principal analyst at **Janakiram & Associates.**

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