

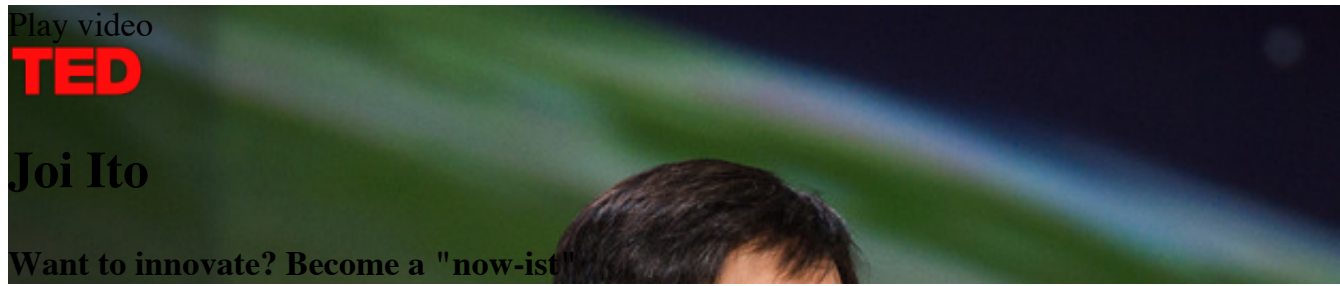
# CLOUD FLOW INTEGRATION

JULY 8, 2014 | DAZZA | [LEAVE A COMMENT](#)

The innovation economy is fundamentally fueled by **idea flow**. And the **Social Physics** of idea flow depend upon the flow of data from, through and to distributed heterogeneous applications and platforms across the Internet.

On a technical level, this is about networked services. Specifically, this type of distributed integration requires very particular functional programming interfaces enabling various different software on many different networks and operating environments to express itself as an interoperable service at standard interfaces. More specifically, the software must be capable of performing automated workflows with the other distributed systems that, taken together, comprise an integrated system of systems.

In a sense, you could say this method is a way to be “in the now” by gaining continuous, reliable and high quality access to data streams, integrated services and the state of idea flow among people that best realized the promise of innovation in the moment. The concept of being focused on and living very much in the now is a new and profoundly valuable theme at the MIT Media Lab, as described and exemplified by our Director Joi Ito in his Ted talk below:



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## Video

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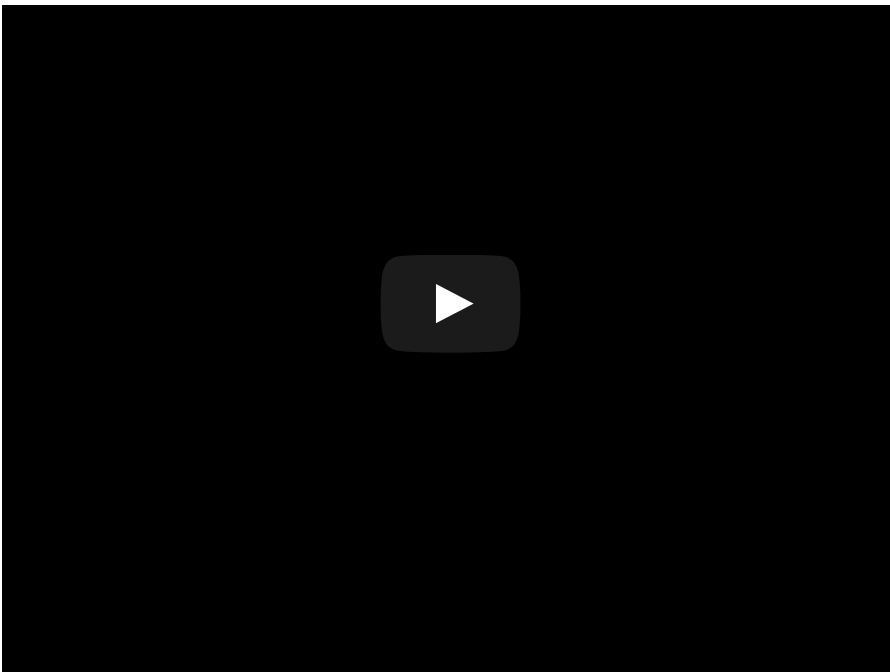
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To create a working system that can be tested, refined and used for these purposes, we have started an informal but energetic research project at the lab. A small scale and primitive example of how interoperable services can be linked and chained together to form a system of systems is illustrated by the below video demo of the MIT Online Legal Hackathon design concept and prototype:



As a next step, the plan is to develop more process automation and tighter service integration by use of REST interfaces instead of inter-linking and embedding of each service while still relying on manual processes. An example of how to accomplish this would be using the Jetpack plugin and [WordPress.com REST API](#) and the [Sched.org API](#). A description of the particular process flows and functions has been published at the MIT Legal Physics Research Team blog at [eCitizen.MIT.edu/blog/FlowScape](http://eCitizen.MIT.edu/blog/FlowScape)