Cloud Foundry Services -
the open ecosystem of services for the Web is finally here!

In the middle 2000s, we dreamed of a day when everything on the Web would be exposed via an API and as a result applications and even live objects would use, combine, and even in turn expose their own APIs to create an ecosystem. The Service Oriented Architecture (SOA) that was dreamed of then never fully flourished as was imagined, however; the resulting early standards WS-* pretty much disappeared and vanished in the ether.

Ten years later, the essence of that vision is still true and actually thriving. With Infrastructure-as-a-Service (IaaS) the computing resources are virtualized and exposed as services. Using container technologies such as Vagrant and Docker, these virtual machines can be sliced to allow smarter usage allocation and even high-density management of jobs. With Platform-as-a-Service (PaaS), the application frameworks and application services (e.g., Datastores, analytics, speech-to-text, and many more) are realizable today via APIs and are remotely managed, scaled, and exposed via marketplaces. And best of all, this is happening in the open. The source code and APIs for this new world are available today and you can access all of the code and tinker with it as you wish.

Come hear from one of the core IBM contributors to this new world who grew up in the old.

Michael Maximilien, Chief Architect, IBM Cloud Labs, Silicon Valley, USA

Michael Maximilien, better known as max or dr.max, is a computer scientist with IBM. At IBM Research Triangle Park, he was a principal engineer for the worldwide industry point-of-sale standard: JavaPOS. At IBM Research, he was a research scientist and did pioneering research on semantic Web services, mashups, and cloud computing, as well as platform-as-a-service. Max joined the IBM Cloud Labs in 2014 as Chief Architect for Cloud Innovations working closely with Pivotal Inc., to help make the CloudFoundry.org Open Source Platform-as-a-Service the best PaaS on the planet. His main expertise are in areas of software engineering and distributed systems.

Max published over 60 refereed papers with citations count on Google Scholar over 3500 and holds 13 issued US patents. Max is an avid amateur triathlete who has completed more than 10 half Ironman and one full Ironman (2014) and more than 20 marathons.