


Gartner Application Architecture, Development & Integration Summit 2017

24 – 25 July / Sydney, Australia / gartner.com/ap/aadi




Hear from the Gartner Application Architecture, Development & Integration Research community as they share their latest insight and advice.

Brad Dayley
Research Director




- Developing web applications
- Choosing a JavaScript framework
- Designing modern web applications

Mark Driver
Research VP




- Next-generation application development challenges
- Open-source software adoption challenges
- Open-source software business models

Denise Ganly
Research Director




- Postmodern ERP and enterprise application strategies
- Organizational change management
- Application and SI selection

Elizabeth Golluscio
Research Director
[@egolluscio](https://twitter.com/egolluscio)




- Hybrid integration platform
- Mobile application integration
- Mediated APIs architecture

Matthew Hotle
VP Distinguished Analyst
[@MattHotle](https://twitter.com/MattHotle)




- Application organization design
- Application portfolio management and pace layers
- Agile development

Andy Kyte
VP & Gartner Fellow




- Bimodal application strategy
- Application rationalization
- Application strategy and governance
- Agile methods

Adrian Leow
Research Director
[@adrlleow](https://twitter.com/adrlleow)




- Is web, native or hybrid mobile app architecture best suited to your organization?
- Best practices to develop a successful mobile strategy
- Outsourcing versus in-house mobile app development
- How to build enterprise apps quickly and allow nonprogrammers to build them?

Keith Mann
Research Director
[@keithmann](https://twitter.com/keithmann)



- Build the business case for agile versus waterfall development
- Introduce and manage bimodal application development
- Scale agile across the enterprise
- The role of architecture in an agile organization

Gary Olliffe
Research Director
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- How to design and implement SOA, web APIs, microservices and event-driven architecture
- Integrating cloud-based applications with other cloud services and on-premises applications
- Developing, integrating and composing Internet of Things (IoT) solutions

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Neil Osmond
Research VP

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- How to approach technology transformation and digital enablement
- How to implement agile processes and methodologies, funding models and measurement
- How to go about organizational change and establish digital operating models

Gene Phifer
VP Distinguished Analyst



- Web, portal and UXP strategies, technologies and vendor/product selection
- Customer engagement/customer experience
- Web/portal/UXP best practices
- Customer-centric Web/mobile strategies

Magnus Revang
Research Director

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- Digital design/user experience design, methodologies, processes, patterns and practices
- Web and mobile development (incl. WCM, portals and DXP)
- HTML5, web standards, accessibility and front-end technologies
- Smart machines and machine learning applied to user experience (personalization and conversational interfaces)

Bill Swanton
VP Distinguished Analyst and Summit Chair



- Developing an application strategy
- Improving application organization maturity (ITScore for Applications)
- Business cases and benefits realization for business process improvement w/IT
- Scaling Agile Development methodologies to dozens of teams

Eric Thoo
Research Director



- Data integration (tools, vendors, architectures, best practices)
- Integration platform as a service (tools, approaches)
- Data management and integration strategy

Alfonso Velosa
Research VP



- Technology and business model trends for the Internet of Things
- How do emerging IoT deployments impact enterprise infrastructure and information strategies?
- What technology and service providers to consider for IoT deployments?

Paul Vincent
Research Director



- Selection and evaluation of application platform as a service (aPaaS) and platform as a service (PaaS) frameworks
- Productivity in IT through supporting technologies such as cloud, model-driven development, containers, SOA and associated methodologies
- Platform as a service trends and market developments

Deacon D.K. Wan
Research Director



- Application strategy and governance
- Modernizing application development
- Product strategy
- Mobile product delivery

Jason Wong
Research Director



- Defining UX and development strategies for mobile native, hybrid and web apps
- Building internal competencies to scale mobile app design and development
- Developing citizen development strategies using rapid app development tools

Mark O'Neill
Research Director

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- Best practices for API Management
- API Security using standards such as OAuth and OpenID Connect
- REST API Design
- API Gateway strategy, especially as it relates to ESBs and other related products

Click here for a Q&A with API expert Mark O'Neill

Q How important are APIs for digital business?
An important part of building APIs as products is to consider the role of API product managers. As part of our research, we have many different API product managers across many different API products. They focus on that aspect of the API. They gather requirements from the business, do usability feedback, and through developer innovation.

Q Who should be concerned about API security?
APIs often sit in front of data and business. At the same time, this makes them a target for attackers. The biggest challenge is to achieve a balance between security to protect, and security that access. There have already been several cases of API security breaches.

Q What are the most successful ways to manage the API ecosystem?
In order to truly benefit from the API economy, one is needed that just the API approach is not enough. API lifecycle can also help, as long as that are not in API ecosystem also must be considered. There are many options for how API pricing that are considered, including consumption-based pricing and subscription. The choice of pricing plan depends on the API.

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Book a private consultation with a Gartner analyst – Bookings open from 26 June