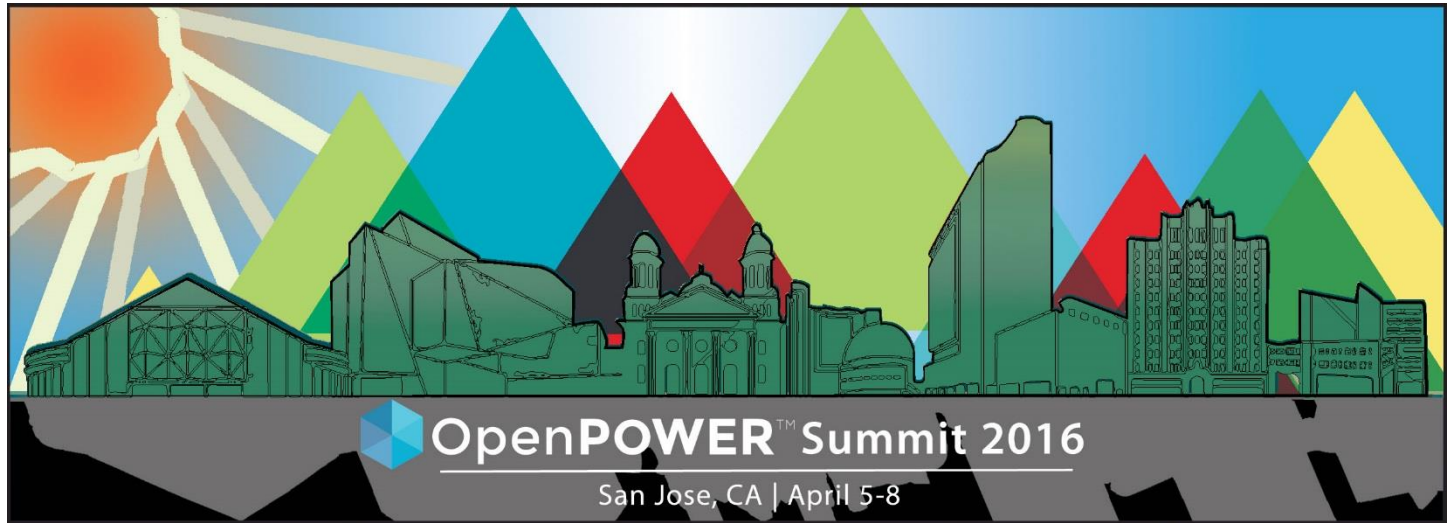




Leading cloud apps development and business on Power Cloud business

Pascal Polverini
Software Architect
IBM RedBooks co-author

Revolutionizing the Datacenter



Join the Conversation #OpenPOWERSummit

Leading cloud apps

IBM invented...

- Floppy disk
- Relational database
- Virtual machine
- Watson artificial intelligence
- **IBM i** (OS that runs on Power)

Leading cloud apps

The current leader in cloud development is Salesforce

- They created a multitenant OS
- They bought Heroku (PaaS, GUI Designer)
- 1st in the Gartner Magic Quadrant



Leading cloud apps

Multitenancy is:

- Sharing logical process & isolating individual metadata
 - DB, OS, BL-Language
- “Multitenancy is the fundamental technology that clouds use to share IT resources cost-efficiently and securely” (SalesForce)

GUI Designer is:

- Text based or Visual (drag & drop)
- Creates app interfaces for browser, mobile etc...

Leading cloud apps

The **IBM i** is:

- A robust & scalable business platform designed to maintain business apps
- Integrated with many programming languages
- Multitenant
- ...since 25+ years

It has all the back-end to lead the cloud dev,
what is missing then?

This is what we will talk about now...

Leading cloud apps

What is missing for the **IBM i** to lead cloud development ?

- No IDE that can interface all GUI designer features
 - Hereafter, even less for the continuous becoming of GUI designer features.

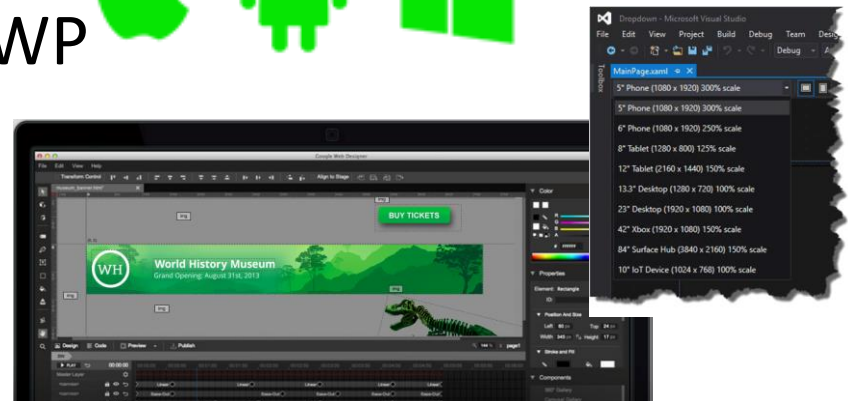
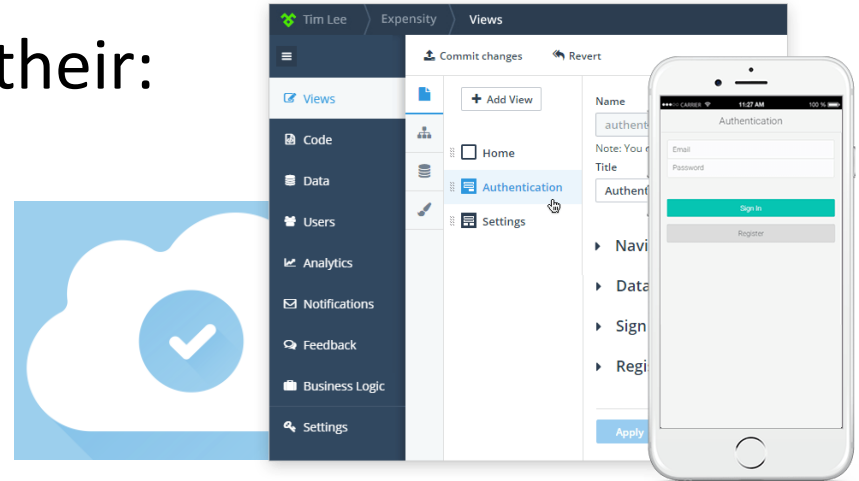
Also:

- Web GUI apps are Event driven
 - But would need to be persistent
- Legacy Enterprise apps design are Persistent
 - But are sequence driven
- Web & mobile technology requires high level GUI Designers
- No generic IDE (Integrated Development Environment) exists to leverage all.
 - Some partial

Leading cloud apps

Many GUI Designer are out their:

- Telerik
- Appery
- Codiga
- Microsoft Visual Studio, UWP
- Google Web Designer
- ...many, many others.



Leading cloud apps

Wouldn't it be great to have a solution, a “**bridge**” to plug any GUI Designer to any back-end app?



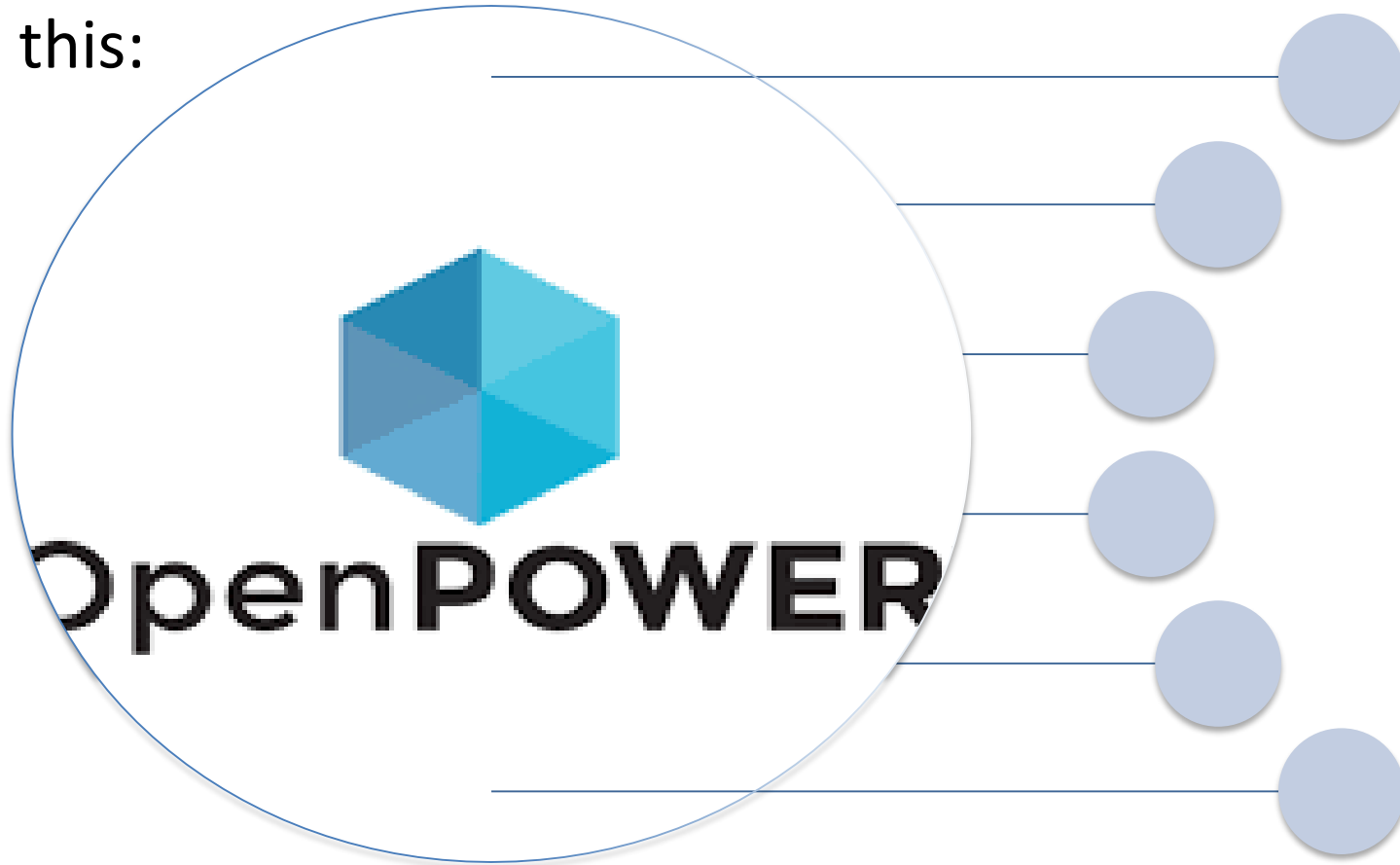
Leading cloud apps

From this:



Leading cloud apps

To this:



Leading cloud apps

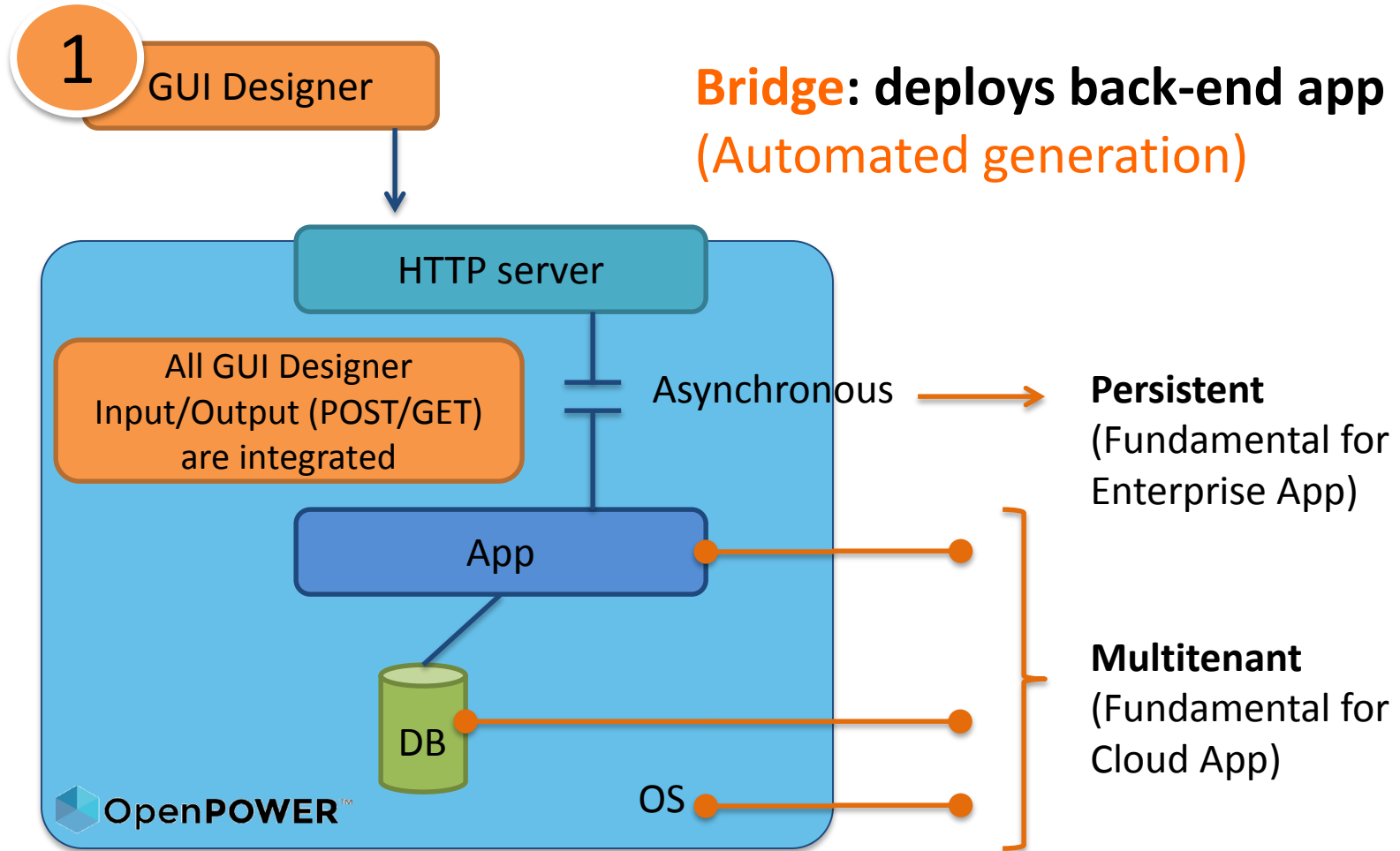
“**Bridge**” to plug any GUI Designer to any back-end app.
(under international patent registration)

- Design GUI (with any designer/framework).
- **Bridge**: Deploys multitenant & persistent back-end app service automatically.
 - Add business logic.
- **Bridge**: Deploys app to the cloud.

Shape your business

Demo

Leading cloud apps



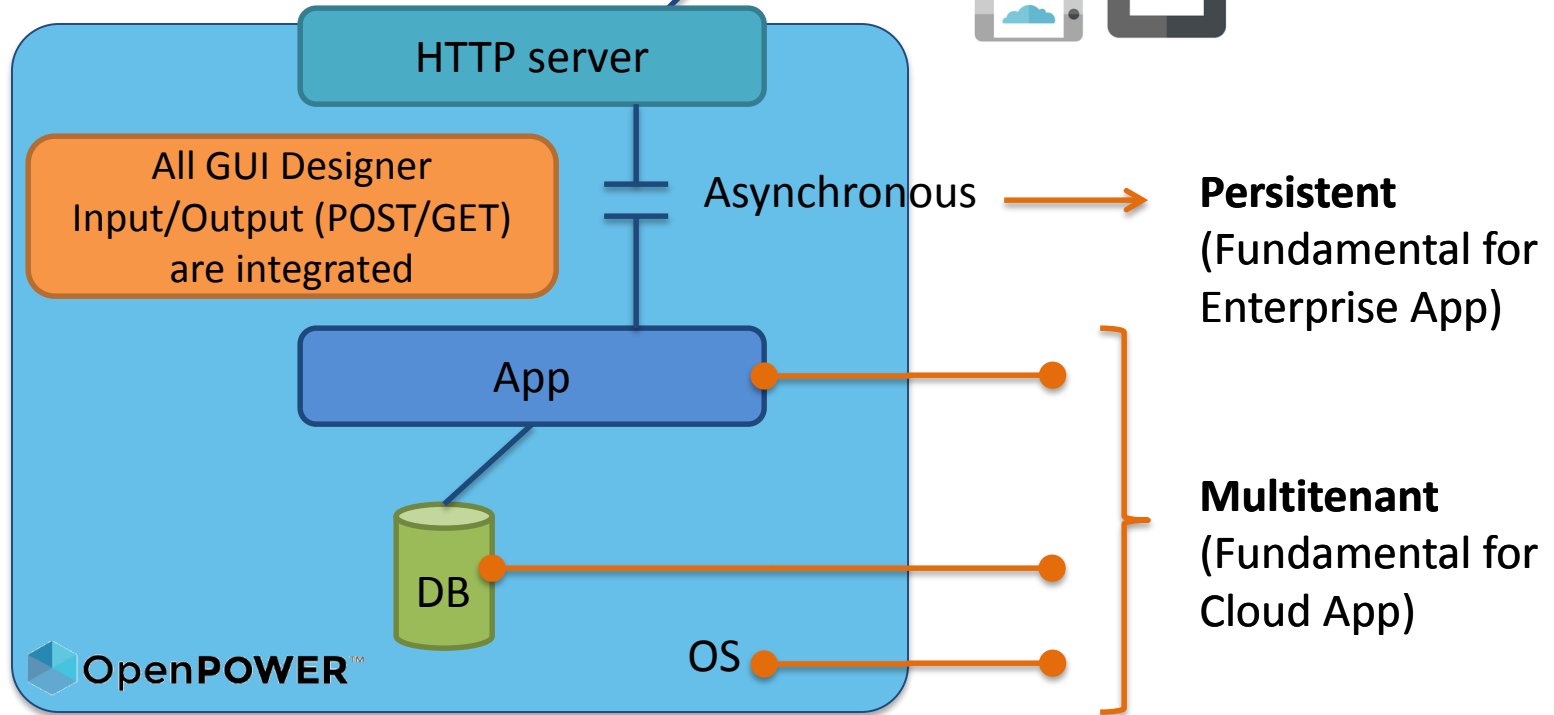
Leading cloud apps

Bridge: deploys cloud app

2



Event-driven
(Fundamental for
User Interface)



Leading cloud apps

New Magic Quadrant perspective:



Shape your business

Leading cloud apps

Q&A

Thank you!

pascal@pascalpolverini.com

Leading cloud apps

Ref:

https://developer.salesforce.com/page/Multi_Tenant_Architecture

https://en.wikipedia.org/wiki/IBM_i

<https://en.wikipedia.org/wiki/Heroku>

<https://en.wikipedia.org/wiki/Bluemix>

<http://www.redbooks.ibm.com/abstracts/sg248185.html?Open>

<http://www.telerik.com/>

<https://appery.io/>

<https://codiga.com>

<https://dev.windows.com/en-us/design>

<https://www.google.com/webdesigner/>

[http://www.ibmssystemsmag.com/power/businessstrategy/Modernization/fresche-legacy-laws-](http://www.ibmssystemsmag.com/power/businessstrategy/Modernization/fresche-legacy-laws-softwaristics/?utm_campaign=articles&utm_source=Softwaristics%20link%20in%20blog)

[softwaristics/?utm_campaign=articles&utm_source=Softwaristics%20link%20in%20blog](http://www.ibmssystemsmag.com/power/businessstrategy/Modernization/fresche-legacy-laws-softwaristics/?utm_campaign=articles&utm_source=Softwaristics%20link%20in%20blog)