

# SERVICE ORIENTED ARCHITECTURE

Reactive Developer High Productivity Reactive Application Platform

## Why SOA?

SOA can help your enterprise:

- **Improve inter-operability** – Simplify integration and make IT systems more flexible through the use of standards-based shared services
- **Encourage re-use** – Reduce costs and increase application quality by re-using shared services rather than building redundant functionality in applications
- **Leverage legacy investment** – Preserve and use legacy systems by encapsulating the logic, investment and intellectual capital of your applications.

## What's SOA?

**Service-oriented architecture (SOA)** is a software design and software architecture design pattern based on distinct pieces of software providing application functionality as services to other applications.

*“SOA is a holy grails in enterprise application integration. But many were bogged down with expensive and complex middle-ware. Reactive Developer offers easy to use and highly extensible integration platform for your SOA initiative”*



## More on SOA

- Interoperability
- Reuse
- Legacy Investment



Interoperability

## “But my legacy app didn’t offer any API”

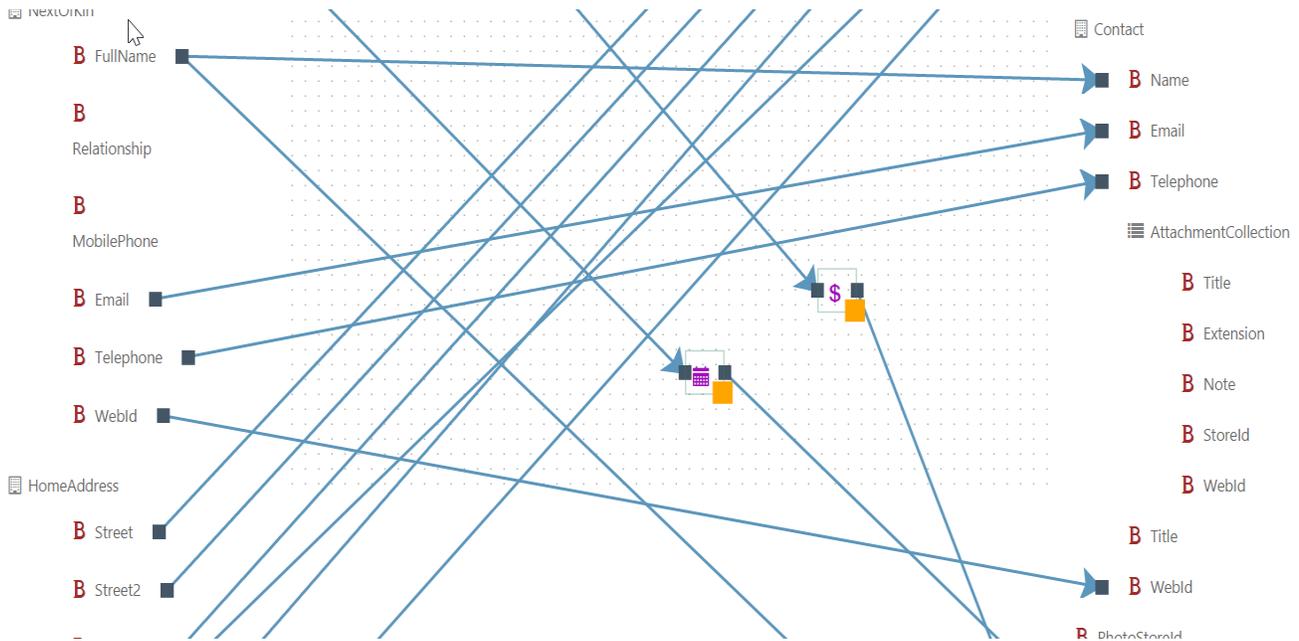
Reactive Developer offers a plethora of legacy application adapters. These adapters can take your legacy application end points and exposed them as set of micro-services.

These adapters cover converts most of the popular protocols, database management system and legacy API.

## The case of Interoperability

It would be a perfect world for IT community if applications were written in the same language, use the same file format and all communicate using the same protocol and channel. But it’s not and never will.

Reactive Developers allow enterprise to take applications written in different technology stack, and exposed as canonical services based on open and widely adopted, RESTful API.



Mapping data between different data structure in Reactive Developer

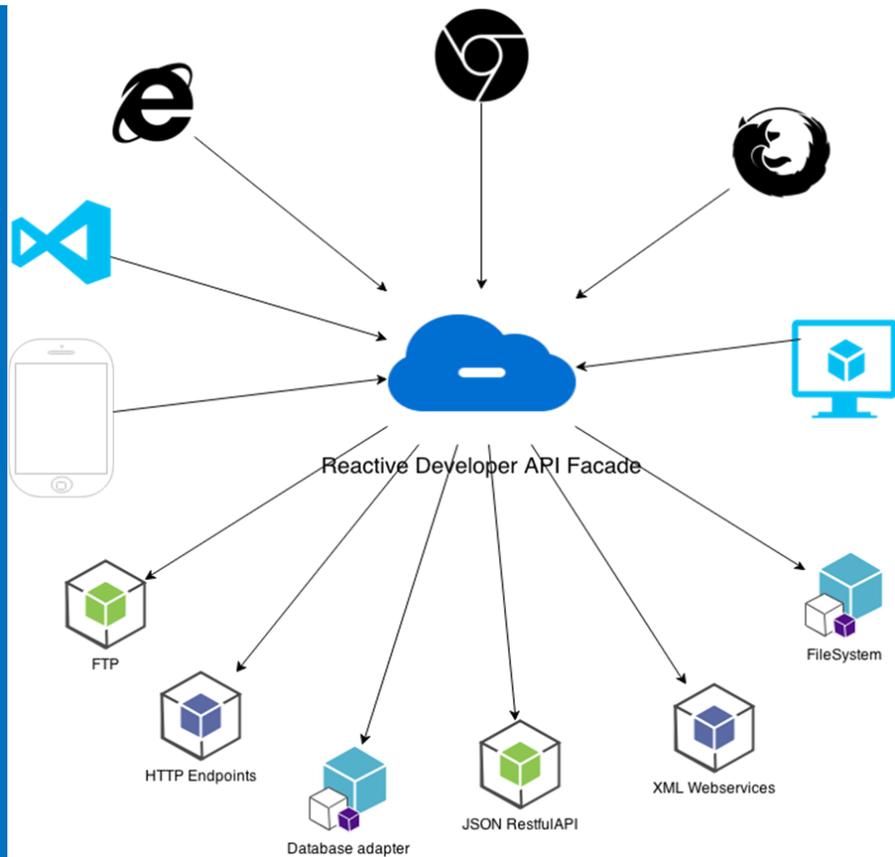
## Extensible

It's true that Reactive Developer adapters may not cover 100% of all legacy stack.

But Reactive Developer was develop to be easily extensible that writing a new adapters is very easy.

There's no complex components registration. They also run in their own sandbox, so you don't have to worry about versioning, security and host of others cross cutting concern.

If you have a complex legacy application, talk to us how we could extend adapter to accommodate your needs.



## Enterprise Service Bus

## Reuse

Everything in Reactive Developer is essentially piece of micro-services, these including the core application services such as entity services. As such Reactive Developer front end which consist of the JavaScript web application is essentially a consumer to these services. It also allows enterprise to re-use these services in another environment, or your own custom application.

# The case of SOA

It's no longer a technology sector dream about SOA in enterprise, but most were driven by necessity to stay relevant.

The goal to have reusable software components, that works as a unit of service has been explored and tried by many for a very long time, but sadly many were bogged down by complex and expensive middle-ware to enable these goals.

Reactive Developer offers set of easy to use, and highly extensible integration platform for an ideal SOA initiative for your enterprise. Talk to us and let us show you how we have helped many enterprises achieving their SOA implementations.

## Contact Us

Give us a call for more information about our services and products

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