

# Get your SOA projects off to the right start Fast, efficient and with enforced quality

Just as much in the medium sized company as is the case in larger corporations, the adoption of SOA technology is already recognized as a step in the right direction. Despite its high level of maturity however, there are some things that still stand in its way; in many cases the complexity of the projects and the lack of appropriate expertise in integration technologies do just that.

Although the value of service-oriented architecture is recognized and widely adopted in the market, when the time comes to take on projects, it is essential to take the right decisions and to implement them correctly. Otherwise the confidence in the technology diminishes, and the risks of the project increase to the point where it may even be cancelled. To overcome this problem, The Server Labs have developed the SOA QuickStart solution.

## The Server Labs SOA Framework

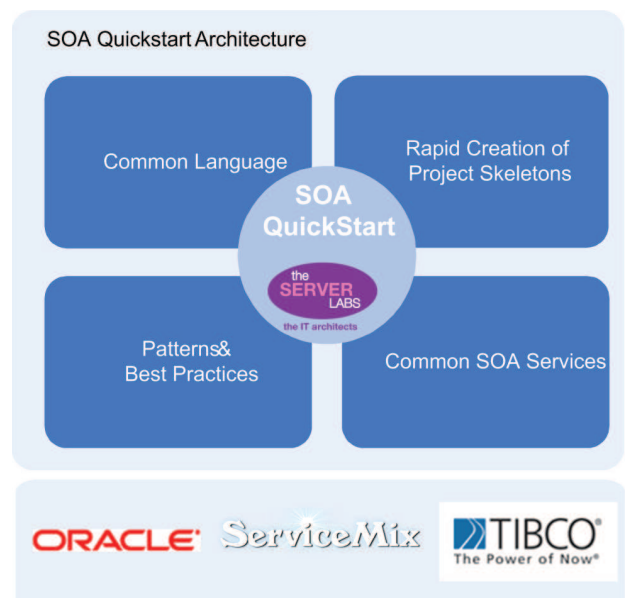
The Server Labs has developed the SOA framework with the objective of creating a productivity and control tool that guarantees all projects based on service oriented architecture can be launched in a rapid and efficient manner, at the same time assuring that the best practices of architecture and development are enforced.

In this manner you are assured of a robust, standard, reusable and high quality solution. The framework facilitates the definition of business services and the generation of a project skeleton, by means of a domain specific language (DSL) that can be understood by all the team, regardless of their role on the project. The use of a productivity and architecture enforcement tool such as this permits a high quality development standard and a reduction in the costs for the organization.

## How to implement SOA QuickStart?


The implementation of the SOA Framework is associated with a fixed duration on-site service starting from 10 days. As a result of the service, the client will be ready to launch either a pilot project, or indeed a large SOA initiative.

## SOA Quickstart



### SOA QuickStart Offers

- Common Language
- Rapid creation of project skeletons
- Best practices pattern templates
- Common services:
- Security, Auditing, Logging etc.
- Testing: Enables Test Driven Development (TDD)
- Re-injection & extensibility



The objective of SOA Quickstart is to launch SOA projects in a rapid and efficient manner & enforce good architectural practices to guarantee a robust and quality implementation

## Common Faults and Errors in SOA initiatives

- **Lack of SOA Standardization**  
Lack of common architectural patterns  
Highly coupled architectures  
Reinvention of the wheel  
Manual Coding and a lot of boiler-plate code; all this leads to code duplication and an increase in the ratio of errors
- **Lack of planning for security & auditing of Web Services**
- **Lack of planning for Governance**
- **Lack of understanding/testing of the performance requirements of the SOA initiative**

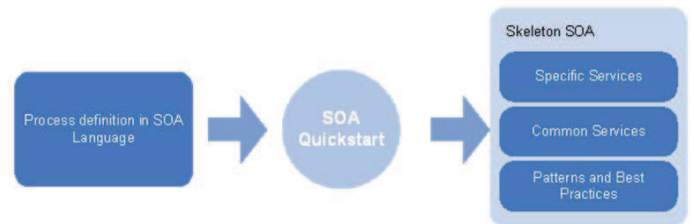
## With SOA QuickStart

- **Standardize SOA implementation**  
Through common data models  
Through common design patterns for architecture  
Implement a loosely coupled architecture  
Reutilisation of code and concepts  
Automatic generation of boiler-plate code
- **Plan for the security and auditing of Web Services**  
Offering a comprehensive solution for security and auditing services
- **Plan for the Governance of the solution**  
Integrating seamlessly with the various existing Governance solutions
- **Understand & Test the SOA performance requirements**  
Offering unit testing and (out of the box) integration for the services generated

## SOA QuickStart Business Case

- **To launch SOA projects in an agile and tactical manner:**  
Enabling Faster "Time To Market"  
Improving confidence in corporate SOA initiatives  
Reducing Boiler-Plate Code
- **Architecture enforcement**  
Implements solid Architecture rules  
Standardises Services enabling better reuse  
Enforces common Architecture approach
- **Helps automate integration and diminish maintenance for service implementation**  
With Governance  
With Registry /Repository  
Facilitates integration with maintenance-oriented aspects, such as security, auditing etc...

## SOA QuickStart Architecture



## The Server Labs

The Server Labs (TSL) is a specialist IT consultancy and Development Company and a leading authority in Cloud Computing services. Founded in 2004, The Server Labs focuses on the design and implementation of IT architectures and advanced software engineering projects, working with the most advanced solutions and technologies and offering its clients cost-effective, scalable and high performance solutions.

TSL's customers are corporations which share a growing need for cost effective and scalable IT solutions. TSL has offices in Spain, Germany and the UK.

More information about The Server Labs is available on: [www.theserverlabs.com](http://www.theserverlabs.com)

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