

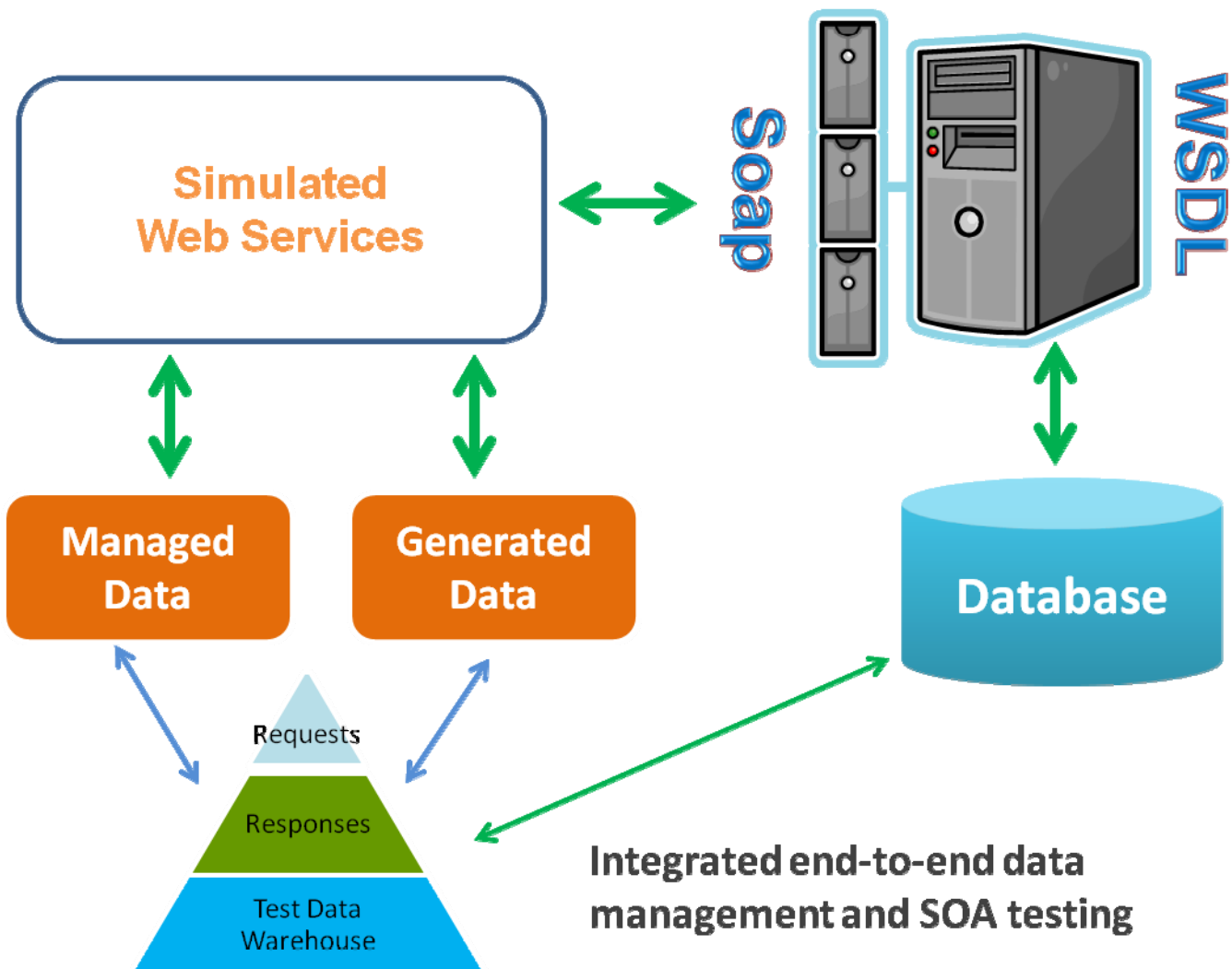


Grid-Tools SOA Data Pro™

Is your Web Service testing becoming too costly?

- You've switched to an agile approach, but you can't update your Web Services Specification since that would require a rewrite of all your tests
- Your QA can't write tests before the Web Service platform is built, and once they can it's too late; if they find bugs there is no time to correct them
- You can't build the application layer before the Web Service platform is built and any delays leave you with an idle application development team
- You have numerous data pools to test with, however, keeping track of what has been run, the results and comparing them to the expected results is becoming a time consuming task

The Grid-Tools SOA Data Pro™ Solution



Bring your data sources under complete control.

SOA Data Pro™ provides superior support for concurrent development and testing of Web Service Projects and an integrated approach to managing the data that is fed into and returned from requests. Data pools of requested and stored responses are managed in a central repository, allowing the results to be quickly checked against expected results.

The Features

- Expected results can be stored within the tool and actual results quickly checked.
- Data requests and results can be compared over time to identify if anything has changed.
- If you change a WSDL , upgrading all of your tests from one version is a simple task.
- Full responses and requests can be stored in a central repository, allowing mock services to use them and provide consistent "stubbed" responses, freezing a fast moving and difficult to test environment.



- Data can quickly be included from other data sources such as Databases. Invoke 1000 requests with valid customer ids and check their balance against the back end database.
- Instead of copying data pools you can "inherit" a pool of test data. Changes to original data will then ripple up through any children and grand children. This means that changes to tests do not have to be cut and pasted. The next time a test is run it will automatically pick up the new data.
- Global edits can quickly be made across data pools.
- The ability to automatically wrap all of the data manipulation steps into an SOA testing project saves time spent manually coding steps for every request you wish to test.
- Provides the ability to store response data, which can then be referred to in other requests later in a chain of web service requests.
- The ability to "explode" out combinations of data using All-Paired and other test coverage techniques.
- There is no need to maintain numerous copies of spread sheets as all of the data is stored in a centrally accessible repository.

SOA Data Pro™ offers infrastructure, reusability and cost savings

SOA Data Pro™ is “Fast” and “Fun”

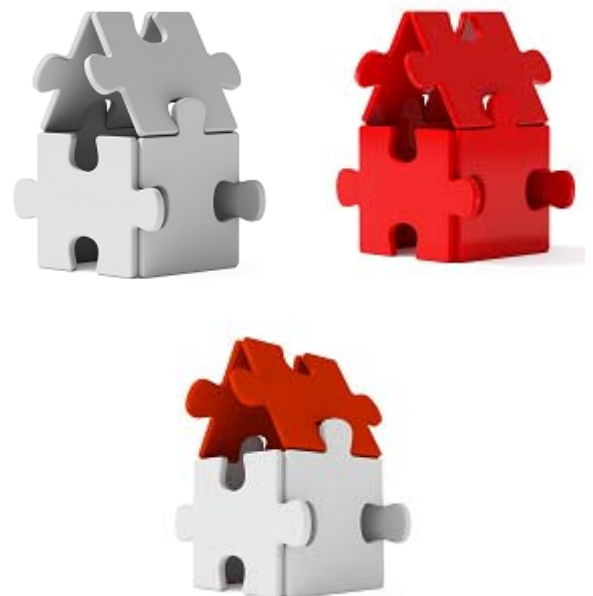
It is “Fast” because it allows the creation of simulated Web Services -MockServices- from the Web Service Specifications, WSDL. You can create tests against the Mock-Service, develop client side applications and it allows some well-needed breathing space for the server side development team. In essence, **SOA Data Pro™** allows all project participants to be at full speed day one of your Web Service Project.

It is “Fun” because it allows all participants to create tests at an unprec-edented pace. This allows them to create many more tests in a much shorter time, making it possible to create tests coming from many angles and testing more scenarios than ever before.

SOA Data Pro™ gives you the ability to import WSLDs and, from then, the ability to:

- Create simulated services
- Create functional tests
- Create load tests
- Monitor how well tested your system is
- Re-factor tests seamlessly
- Record service calls
- Store requests and responses in a central repository
- Compare actual results to expected results
- Run tests in a continuous integration environment

SOA Data Pro™
will save you
30% of your
project costs
for Web
Service
Projects.



**A state-of-the art tool for
state-of-the art testing.**



About Grid-Tools Ltd

Grid-Tools are specialists in test data creation, test data management and information lifecycle management. Their experienced personnel have been writing and developing solutions for large companies in both the private and public sectors for over 15 years.

The Grid-Tools Datamaker™ suite is a complete test data management solution in one, offering test data creation, subsetting, data masking, database archiving solutions and mainframe compatibility (contact Grid-Tools for other features and functionality).

Within a short span of time, Grid-Tools have picked up significant momentum and an impressive list of well known and respected customers and strategic partners world-wide.

The Grid-Tools methodology consists of using the “data-centric” approach to testing whereby, their focus is to ensure the quality of the test data you are using is the right quality for successful testing.

Contact Grid-Tools for more information:

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SOA Data Pro™ offers

Full Fast Functional Testing

Complete Rapid Load Testing

Extensive Standards Support

**Web Service Simulation in
a Minute**

Web Service Coverage

Test Refactoring

**Web Service Monitoring
and Recording**

**WSDL to Code in more than
Ten Environments**

WS-Security anybody can use

Reporting and Documentation

**Fully Groovy Scriptable and
Extensible**



data management at
the press of a button

grid-tools