Tester

Automation
Tester

Developer

Tests + Data

<XML/>   XLSX

QC

Input

Selenium ⟷ Analytics

Assertions Module

AUT

Lambda Core

Reporting

ATG Integration Context Diagram (POC)

Revision: 0.3   Date: Thu Oct 20 2011   Drawn: Tony Hobbins

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= Pluggable

Lambda Architecture

Revision: 0.3   Date: Thu Oct 20 2011   Drawn: Matt Fellows

Partner (Admin)

Partner (Staff)

MIT Admin

Address Search and Validation (ws) → ABR (abr.business.gov.au)

OM Reseller Product Catalog → <XML/> →

SPIN Reseller Accounts → <XML/> →

ATG
- Product Catalog
- Customer Database
- Domain Management Interface

Oracle Discoverer Reporting

Branded SSO Control Panels
- DNS Control Panel
- RSP Control Panel

AAS (SSO)

Provisioning (jms/webservice)   Search (ws)   Domain Service Management (ws)

IdM (Future)

FUSE Middleware
- Adaptor

DNS Service Management (WS)   RSP Service Management (WS)

Fulfillment Officer

Provisioning (jms/webservice)

DomainsBot (Name Suggestions)

Domain Service Management

SPIN

Provisioning Management Interface

Provisioning System
- Provisioning Manager (PM)
- PPS

RSP

DNS

SSL

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ATG Integration Context Diagram (POC)

| Revision: 0.3 | Date: Thu Oct 20 2011 | Drawn: Tony Hobbins |

System entry
point: main

GUIRunner

ShellRunner

TestNG

Lambda

<<interface>>
IOutputConnector

<<interface>>
ITestParser

ITestBuilder

creates

Test

TestCommand

CommandRunner

<<Pojo>>
AssertionProvider

Builder

Mediator:

Command Runner mediates between Tests and
Test Assertion implementors

Singleton

Lambda Class Diagram

System entry
point: main

GUIRunner

TestNG

Lambda

<<interface>>
IOutputConnector ---- **QcOutputConnector**

<<interface>>
ITestParser → **ITestBuilder** creates **Test** → **TestCommand**

Excel2SeleniumParser

CommandRunner → **Selenium**

→ **MITAssertions**

JavassistTestBuilderImpl

Builder

Mediator:

Command Runner mediates between Tests and
Test Assertion implementors

Singleton

Lambda Class Diagram

High Level Web Architecture

| Revision: 0.1 | Date: Thu Oct 20 2011 | Drawn: Matt fellows |

SCM

SVN code repository and Maven artifact repository provides pre\post compiled artifacts to other systems.

Nexus Repository Manager proxies 3rd party repositories (e.g. Spring) and stores tested artifacts in a secured environment.

Managed by the Development Administrator.

Continuous Integration

Jenkins CI Server to manage automation; build, deploy, test and documentation.

Managed by the Development Administrator and project Technical\Team leads.

Virtual Machines

Cluster of VM's for use in remote terminal browser testing and acting as remote Selenium Agents for automated browser integration tests.

Internet

Development Administrator

Proxy

Nexus Repository Manager

SVN

Maven

Jenkins CI Server

Trigger Browser Tests

Build

Browser Testing Virtual Machines

Eclipse IDE

Developer

*nix OS

Update Issue

Build

Trigger QA Tests

Remote browse

Browser Testing

SIT

Vulnerability, Penetration and Load Testing Environment

Test

Manual Test

QC (QTP)

Jira

Security & Performance Testing

Tester

Issue + Release Management

Jira will be used for Release and Issue Management.

QC

Formal SIT will by conducted by the QA team with QC.

SIT Environment

Systems Integration Testing environment will be a load-balanced, Solaris-based OS running Java 6, Eclipse Virgo3, Apache 2 and Terracotta

Web Development Ecosystem