



Lecture 3 – Deployments & Testing

Introduction to Salesforce



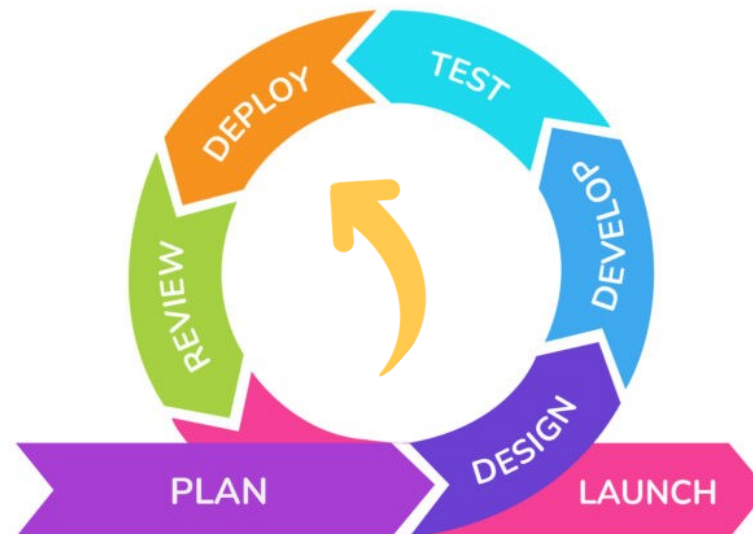
Deployments

Contents

- Deployments Introduction
- Salesforce Sandboxes
- Deployment Options
- Salesforce CLI
- Salesforce Packaging
- Version Control
- Continuous Integration / Continuous Deployment (CI/CD)
- CI/CD Example

Deployments Introduction

Deploying code is the process of moving code changes from one environment to another. The end goal is deployment to production where it becomes accessible to the end users.

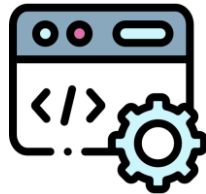


Salesforce Sandboxes

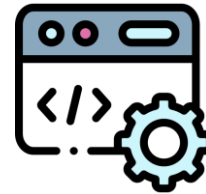
Salesforce Sandboxes are copies of the production environment (at a point in time) used for development, testing, and training purposes.



Scratch Org



Developer
Sandbox



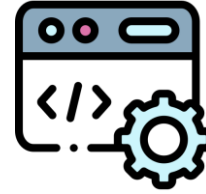
Partial Copy
Sandbox



Production



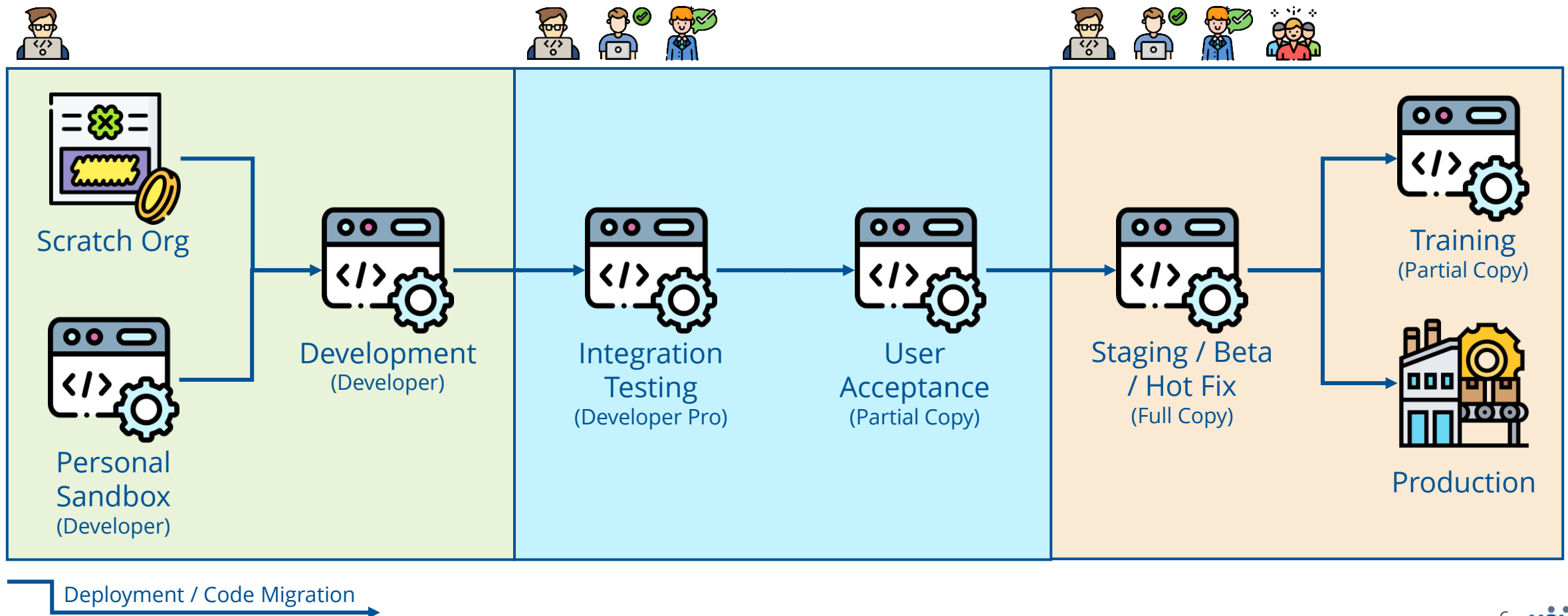
Developer Pro
Sandbox



Full Copy
Sandbox

Salesforce Sandbox Use-case Examples

Each version of a Sandbox can be used in a development cycle for various purposes.



Get Your Own Sandbox

Sign up for your free Salesforce Developer Edition Sandbox

<https://developer.salesforce.com/signup>

Deployment / Migration Options

- Change Sets
 - Point-and-click deployment tool within the Salesforce Setup menu
 - No version control
- Salesforce CLI (Command Line Interface) - Preferred
 - Use of SFDX CLI / SF CLI commands
 - Interface to access the Metadata API
 - Allows access to other Salesforce APIs
 - Provides configuration in file format (XML, JSON, JS, APEX, etc.)
 - Configuration can be stored in version control in the source format (i.e. Git)
 - Gives more control & is preferred on larger projects
- Apache ANT Migration Tool
 - Java-based build tool
 - Interface to access the Metadata API
 - Provides configuration in file format (XML, JSON, JS, APEX, etc.)
 - Configuration can be stored in version control in the metadata format (i.e. Git)
 - Will be deprecated by Salesforce

Salesforce CLI – SFDX Project

- SFDX project consists of a set of directories and files organized in a specific structure
- The project directory typically contains configuration files, source code, metadata, test scripts, and other resources
- SFDX projects follow a source-driven development model, where the source of truth for Salesforce configurations and customizations resides in version-controlled files
- Most SFDX CLI commands run only from a SFDX project

Salesforce CLI – SFDX Project Examples

```

> .sf
> config
✓ force-app\main
  ✓ default
    > applications
    > customMetadata
    > flexipages
    > flows
    > groups
    > objects
    > permissionsetgroups
    > permissionsets
    > unsupported-metadata
  > scripts
  > yaml
  ◆ .forceignore
  ◆ .gitignore
  (t) sfdx-project.json

```

Project Structure

```

1  <?xml version="1.0" encoding="UTF-8"?>
2  <CustomField xmlns="http://soap.sforce.com/2006/04/metadata">
3    <fullName>CATEG_TXT__c</fullName>
4    <businessOwnerGroup>ACQ_Enterprise_CRM_MarketingApp</businessOwnerGroup>
5    <businessStatus>Active</businessStatus>
6    <externalId>>false</externalId>
7    <label>Category</label>
8    <required>>false</required>
9    <securityClassification>Internal</securityClassification>
10   <trackFeedHistory>>false</trackFeedHistory>
11   <trackHistory>>false</trackHistory>
12   <type>Picklist</type>
13   <valueSet>
14     <restricted>>true</restricted>
15     <valueSetDefinition>
16       <sorted>>false</sorted>
17       <value>
18         <fullName>Contact Sales</fullName>
19         <default>>false</default>
20         <label>Contact Sales</label>
21       </value>
22       <value>
23         <fullName>Reclaimed</fullName>
24         <default>>false</default>
25         <label>Reclaimed</label>
26       </value>
27       <value>
28         <fullName>Web-form/Grove</fullName>
29         <default>>false</default>
30         <label>Web-form/Grove</label>
31       </value>

```

Custom Field Example

Category

- None--
- ✓ Contact Sales
- Reclaimed
- Web-form/Grove
- Buyer Intent
- Prioritized PQL
- Preferred Industry
- Event
- Level Up Session

Contact Sales

Custom Field Frontend Example

Salesforce CLI – SFDX Project Examples

```
1  import { LightningElement, wire , api} from 'lwc';
2  import { getRelatedListRecords } from 'lightning/uiRelatedListApi';
3  import { NavigationMixin } from 'lightning/navigation';
4
5  /*
6   1 March 2023 - Created - TWoodhouse
7   - US402936: Showing Key Account Information
8   */
9  export default class AccountInformation extends NavigationMixin(LightningElement)
10 {
11     activeSections = ['Broker', 'Client', 'Tech Partner'];
12     @api recordId;
13     error;
14     records;
15     sObjectApiName = 'ACCT_INFO__c'
16     _fields = {}
17     @api //fields attribute will be public and contain a json strucutre in a string data
18     get fields(){
19         return this._fields;
20     }
21     set fields(value){
22         this._fields = JSON.parse(value);
23     }
24     _fields = {
25         "Client": [
26             "ACCT_STAT_TXT__c"
27         ],
```

Custom JS Lightning Web Component Example

Salesforce CLI – Command Examples

sf project generate

Generates a new SFDX project

sf org login

Logs in to a Salesforce Sandbox

sf project retrieve start

Retrieves changes made in the Sandbox

sf package version create

Creates a new package version from the source files

sf package install

Installs the package version to a target Sandbox / Production

Salesforce Packaging

Salesforce packaging refers to a mechanism provided by Salesforce that allows developers to bundle and distribute their application's metadata, configurations, and code in a portable and shareable format.

- Managed Packages
 - Used for distributing and selling applications on the Salesforce AppExchange
- Unmanaged Packages
 - Used for packaging and distributing customization and configuration changes within a single Salesforce organization
- Salesforce packages are stored and maintained in a DEVHUB (Salesforce Production Org)

Version Control

A system that manages changes to files over time, keeping track of every modification made to a project in a repository.



Change Tracking



Collaboration



History & Recovery



Branching & Merging

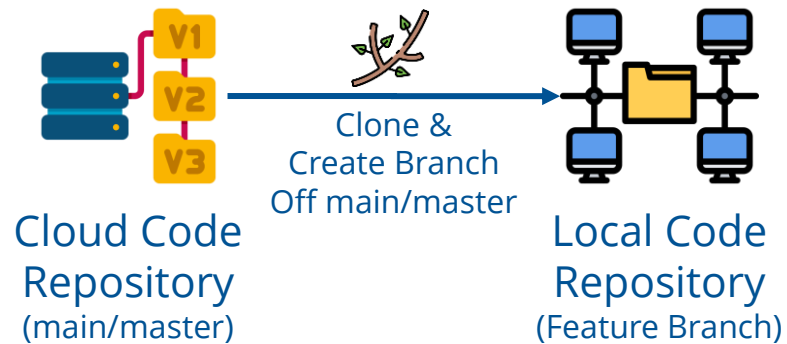


Continuous Integration / Continuous Deployment (CI/CD)

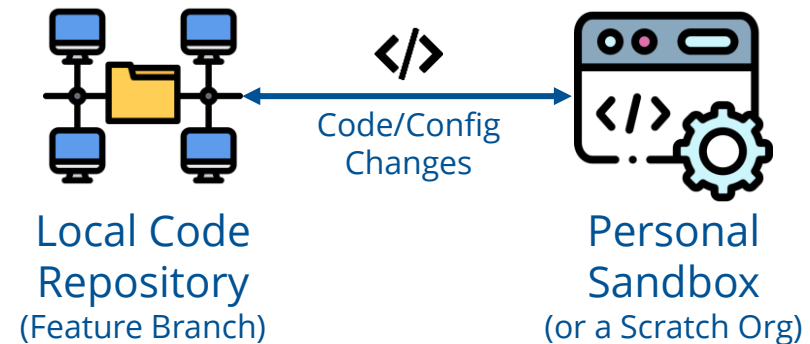
- Continuous Integration (CI)
 - Frequent code changes
 - Automated builds and tests
 - Integration errors detected early
- Continuous Deployment (CD)
 - Every validated change is automatically deployed
 - Manual intervention minimized
 - Increased frequency of software releases



CI/CD Example

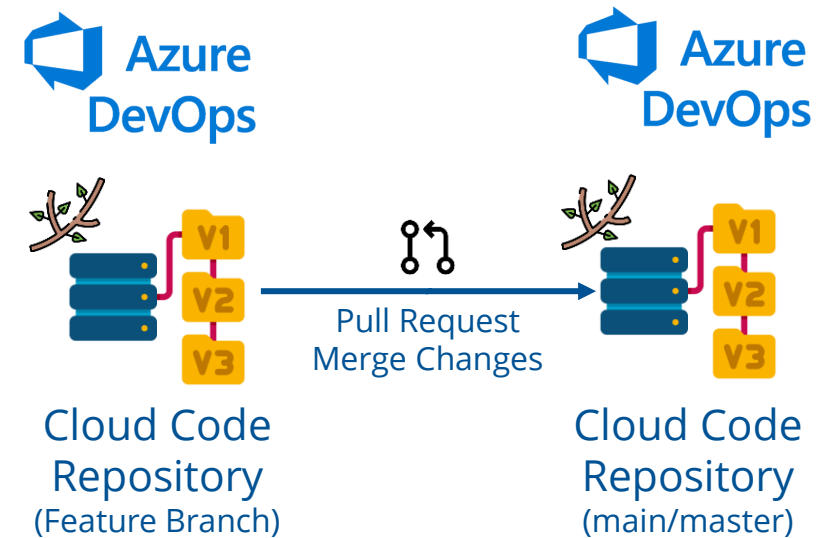
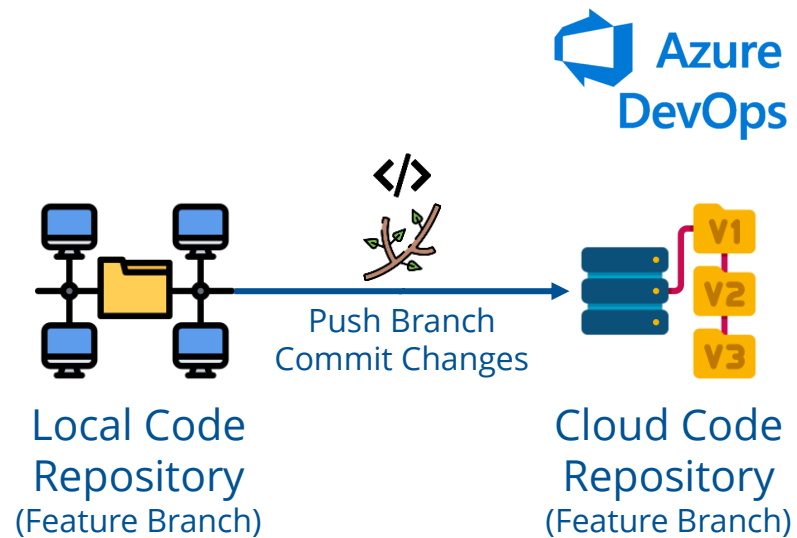


* Repository contains the SFDX project



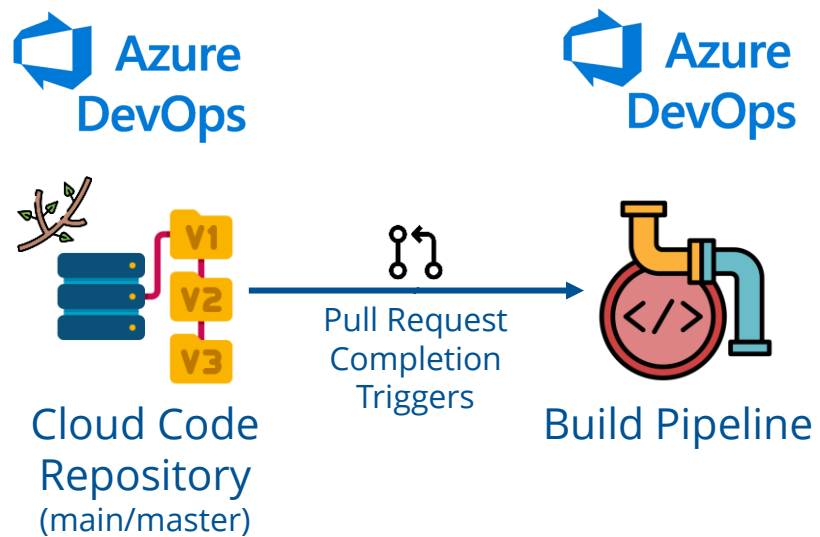
* Using SFDX commands locally

CI/CD Example

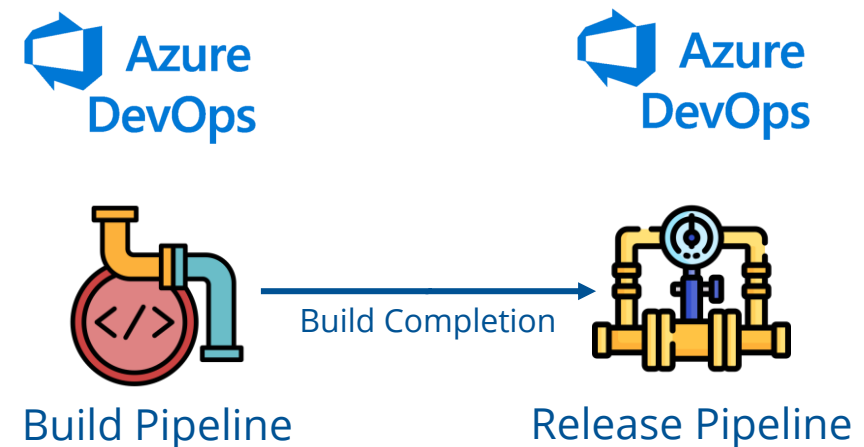


- Changes are reviewed
- Validations (pipelines) are run
 - Quality and vulnerability scans
 - Source code deployment tests
 - Unit tests

CI/CD Example



- Any change to main/master triggers the build
- Salesforce package version is built and validated
 - Package with version is created
 - i.e. 0.1.15.2
 - sf package version create

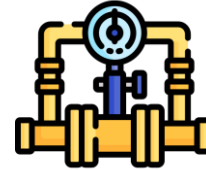


- Version information is passed to a Release Pipeline
 - Package version ID
 - Security password

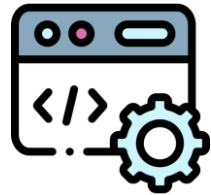
CI/CD Example



Package Version
(i.e. 0.1.15.2)



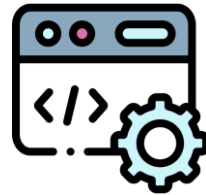
Release Pipeline



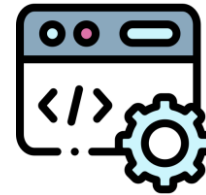
Development



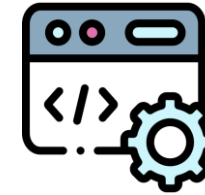
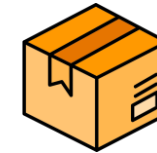
Integration
Testing



User
Acceptance



Staging / Beta
/ Hot Fix



Training



Production

CI/CD Example



	0.1.15.2  0.1.15.2  main	2/20/2024, 8:22:33 PM	  DEV	  ITEST	  UAT	  PFIX	  Promote	  PROD	  TRAIN
	0.1.15.1  0.1.15.1  main	2/16/2024, 9:42:14 PM	  DEV	  ITEST	  UAT	  PFIX	  Promote	  PROD	  TRAIN
	0.1.14.2  0.1.14.2  main	12/12/2023, 4:33:32 PM	  DEV	  ITEST	  UAT	  PFIX	  Promote	  PROD	  TRAIN
	0.1.14.1  0.1.14.1  main	12/8/2023, 3:50:58 PM	  DEV	  ITEST	  UAT	  PFIX	  Promote	  PROD	  TRAIN
	0.1.13.4  0.1.13.4  main	11/30/2023, 8:35:12 PM	  DEV	  ITEST	  UAT	  PFIX	  Promote	  PROD	  TRAIN
	0.1.13.3  0.1.13.3  main	11/30/2023, 7:16:21 PM	  DEV	  ITEST	  UAT	  PFIX	  Promote	  PROD	  TRAIN

Installed Packages

 SETUP Installed Packages										
Today's informed buyers expect informed sellers who know what they need and...										
Uninstall	 Salesforce Connected Apps	Salesforce.com	1.7	sf_com_apps	11/29/2022, 10:51 AM	☒	0	0	0	Not Passed
	Description This package contains Connected Applications for all the officially supported Salesforce client applications such as Touch, Salesforce for Outlook, Sa...									
Uninstall	 Salesforce Mobile Apps	Salesforce.com	1.20	sf_chtr_apps	1/20/2023, 5:32 PM	☐	0	0	0	Passed
	Description This package contains connected applications for the officially supported Salesforce Mobile Apps									
Uninstall	 SalesforceIQ Cloud	Salesforce	1.0	SIQCloud	6/13/2022, 11:57 PM	☐	0	0	0	Passed
	Description This tool will create a secure connection between Core Salesforce and SalesforceIQ infrastructure to pull data into the machine learning platform wher...									
Uninstall	 miEdge CRM Connector Base	IBIS, LLC dba miEdge	1.0	miedge	8/2/2023, 8:49 AM	☐	0	0	0	Passed
	Description miEdge CRM data Integration - base package									
Uninstall	 miEdge	miEdge Production Packaging	1.14	miedge_crm	8/2/2023, 8:50 AM	☐	1	2	5	Passed
Uninstall	Salesforce Adoption Dashboards	Adoption Dashboards	1.0		6/22/2022, 8:37 AM	☒	0	0	0	Not Applicable
	Description This package includes 42 Reports, 6 Custom Fields, 3 Dashboards, 1 Dashboard Folder and 1 Report Folder designed to provide a view of the adoption and...									
Uninstall	Salesforce.com CRM Dashboards	salesforce.com	1.0		1/24/2022, 5:09 AM	☒	0	0	0	Not Applicable
	Description Salesforce.com CRM Dashboards									
Uninstall	 Sales Insights	Salesforce	1.0	OIQ	2/1/2022, 10:42 AM	☒	0	0	0	Not Passed
	Description This tool creates a secure connection between core Salesforce data and our sales intelligence infrastructure where advanced models surface insights re...									
Uninstall	 ACQ_Enterprise_CRM_BrokerRelationshipApp	Unum Group	0.1.18		12/7/2022, 8:53 AM	☒	1	0	0	Not Applicable
Uninstall	 ACQ_Enterprise_CRM_BillingApp	Unum Group	0.1.15 (Beta 2)		4/26/2023, 9:57 AM	☒	1	0	0	Not Applicable
Uninstall	 ACQ_Enterprise_CRM_UnderwritingApp	Unum Group	0.1.5 (Beta 5)		11/28/2023, 4:10 PM	☒	1	0	0	Not Applicable
Uninstall	 ACQ_Enterprise_CRM_MarketingApp	Unum Group	0.1.8 (Beta 5)		8/2/2023, 9:21 AM	☒	1	0	0	Not Applicable
Uninstall	 ACQ_Enterprise_CRM_Core	Unum Group	0.1.46 (Beta 11)		5/6/2022, 1:23 PM	☒	0	2	14	Not Applicable
Uninstall	 ACQ_Enterprise_CRM_ClientManagementApp	Unum Group	0.1.30 (Beta 1)		12/7/2022, 8:46 AM	☒	1	0	0	Not Applicable
Uninstall	 ACQ_Enterprise_CRM_RecruitmentApp	Unum Group	0.1.25		12/7/2022, 8:59 AM	☒	1	0	0	Not Applicable
Uninstall	 ACQ_Enterprise_CRM_ClientApp	Unum Group	0.1.22		12/7/2022, 8:45 AM	☒	1	0	0	Not Applicable

AppExchange – appexchange.salesforce.com

The screenshot displays the Salesforce AppExchange homepage. At the top, the navigation bar includes the Salesforce logo, the 'AppExchange' title, and links for Home, Solutions by Type, Product Collections, Industry Collections, Consultants, Learn, and Latest Collections. On the right side of the navigation bar are icons for help, a grid, a heart, and a user profile. Below the navigation bar is a search bar with the placeholder text 'Search AppExchange'. The main content area is titled 'Sponsored Solutions' and features a grid of six application cards. Each card includes the application's logo, name, developer, rating, and a brief description. The applications shown are: Accounting Seed: Accounting on Sale..., airSlate: PDF Editing, Doc Gen, Web Fo..., Kantata SX (formerly Kimble PSA), SurveyMonkey for Salesforce, Outlook Integration for Emails and Cal..., and Odaseva: Enterprise Data Backup, Mo... Each card also has tags indicating its primary categories.

Sponsored Solutions [Show More →](#)

- Accounting Seed: Accounting on Sale...**
by Accounting Seed
★★★★★ 4.77 (387)
Connect your CRM and accounting data with Accounting Seed, a top-rated, native Salesforce general ledger, project accounting & inventory management application.
Tags: Dashboards & Reports, Accounting
- airSlate: PDF Editing, Doc Gen, Web Fo...**
by airSlate Inc.
★★★★★ 4.85 (13)
Build custom document workflows that include document generation, PDF editing, eSignatures, and more. Simplify Salesforce processes and ensure a seamless user experience using the all-in-one solution....
Tags: Quotes & Orders, Document Generation
- Kantata SX (formerly Kimble PSA)**
by Kantata
★★★★★ 4.83 (72)
Kantata SX (formerly Kimble PSA) brings comprehensive resource management & project management capabilities to the Salesforce platform, giving you a unified solution that makes service delivery more...
Tags: Enterprise Resource Planning, Project Management
- SurveyMonkey for Salesforce**
by Revenue Grid
★★★★★ 4.57 (67)
Connect your survey data with Salesforce to drive results for your business. Automatically send surveys after key interactions and take real-time action on feedback. Enrich customer and prospect data by syncing survey...
Tags: Customer Service, Marketing
- Outlook Integration for Emails and Cal...**
by Revenue Grid
★★★★★ 4.74 (803)
Capture Activities directly to Salesforce without compromises with the most robust integration. ✓ Sync Emails, Calendars, Leads on your own terms. ✓ 100% customizable ✓ Custom object supported ✓ Flexible...
Tags: Productivity, Email & Calendar Sync
- Odaseva: Enterprise Data Backup, Mo...**
by Odaseva
★★★★★ 4.97 (87)
The largest, most complex Salesforce customers rely on Odaseva to manage their data. Odaseva protects against threats to help ensure business continuity, comply with data regulations, and easily move Salesforce data...
Tags: IT & Administration, IT Management



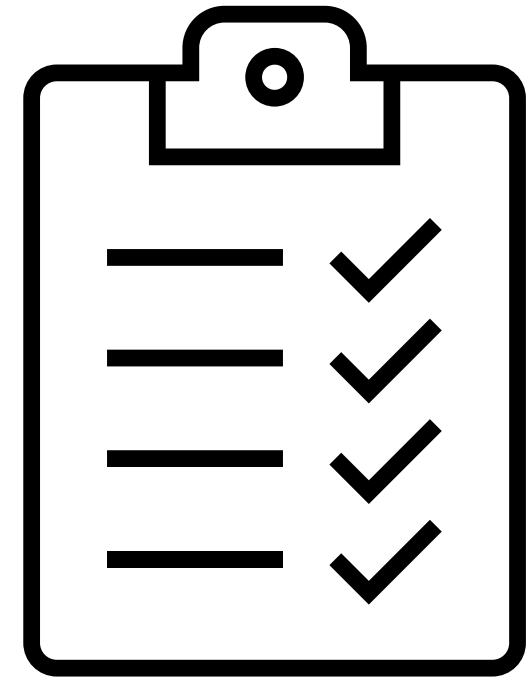
Testing

Contents

- How we Test Salesforce.
- Regression Testing.
 - Design Pattern – Page Object Model.
- Automated Test Strategies.
- Azure DevOps

Types of Testing we Utilize

- Functional
- Non-Functional
- Regression
- Non-Regression
- Exploratory
- End-To-End
- Unit Tests



Remember: Salesforce is a product you've paid for.

Sandbox: UAT | [Log out](#)

Search: Jason Test Customer

Sales Enablement Home Dashboards Opportunities Service Requests Accounts Reports uLearn Enrollment Events Chatter Tasks Client Strategies

Search Results

Top Results

- Accounts 3
- Service Requests 3
- Contacts 1
- IRP Prospects 2
- Agreements 1
- Opportunities 5+
- Chatter 0
- People 0
- Products 0
- Reports 0

We searched for "Jason Test Customer".

Accounts

3 Results • Sorted by [Relevance](#)

Account Name	Status	Type	Sales Rep	Small Busi...	Address1	City
Test Jason Customer	Active	Customer			123 Shambo Street	Carlow
Test Jason Customer		Prospect			123 Shambo Street	Carlow
Test Jason Customer		Customer				

Service Requests

3 Results • Sorted by [Relevance](#)

SR Number	Date/Time Opened	Account Name	Subject	Closed	Status	SR Type
12559338	1/12/2024 5:41 AM	Test Jason Customer	FW: JasonDemo 2 with Attach	☐	New With Intake	QuoteAssignment
12588766	1/26/2024 9:37 AM	Test Jason Customer	1/26/2024 - AD&D TRAD;LIFE TRAD	☐	New with OS	Impl/Enroll
12588767	1/26/2024 9:37 AM	Test Jason Customer	Initial case setup	☐	Assigned	Support

Test Users

- Will mimic end-users.
 - Profiles/Roles
 - Permission Sets
- Used for manual and automated testing.
- Managed using Mailosaur & Metadata sandbox



Breaking Down Salesforce

- Apps & Experiences
- Object Oriented
- Record Types

Lightning App

Sandbox: UAT | [Log out](#)

Search...

Sales Enablement Home Dashboards Opportunities Service Requests Accounts Reports uLearn Enrollment Events Chatter Tasks Client Strategies

Dashboard Pal **In Progress** MM/NCG In Progress UW Consultations Delivered to Broker MM/NCG Delivered to Broker Revisions Teams In Progress Teams Delivered to Broker My Tasks

Console

salesforce Search Salesforce

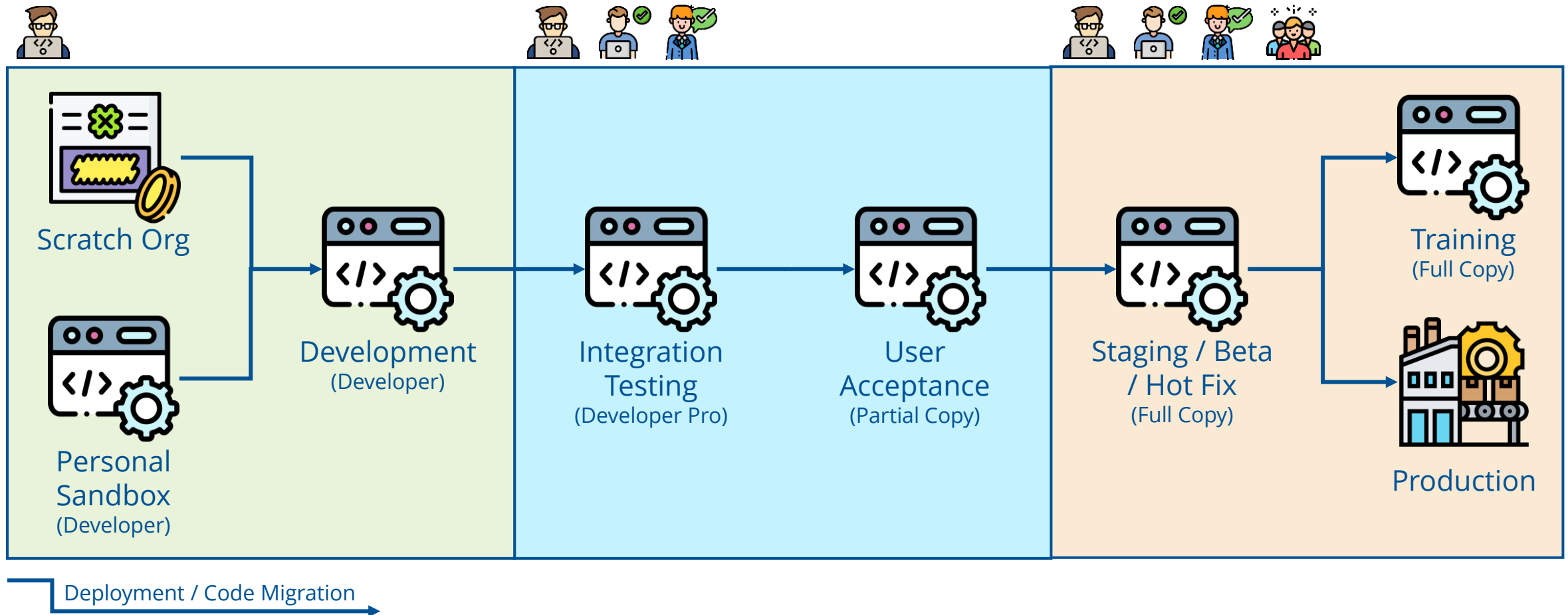
Service Requests

Intake Quote Requests Edit | Delete | Create New View

New Service Request Accept Close Change Owner Change Status

ACTION	SR NUMBER	CONTACT NAME	SUBJECT	STATUS	PRIORITY	DATE/TIME OPENED
	12604159		FW: Sandbox: We're stuck! Help us co...	New With Intake	Medium	2/2/2024 1:42 PM

Where we Test

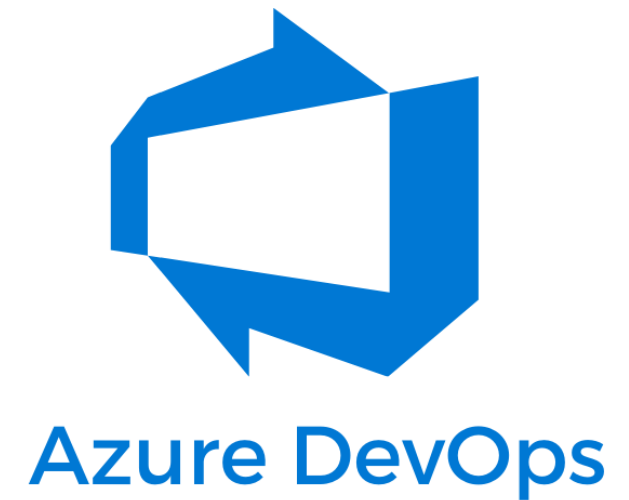


Seasonal Release Testing

- 3 Times a Year: Spring, Summer and Winter.
- This is how Salesforce deploys a release to their software.
- Deploys to sandboxes ~6 weeks before Production.
- Requires full regression testing.
- Test Automation is key to minimizing the impact.

Manual Testing

- Every test scenario needs a test case.
- Should be organized in a Test Case Management Tool.
- Should be clear and concise.
- Should have a detailed Summary outlining its objectives.
- Should contain data setup and User instructions if required.
- What is considered a 'regression test'?



Test Plan in Azure DevOps

← ACQ_Sales&Marke... ★

Dec 15 - Dec 22 **Past**

3% run, 93% passed. [View report](#)

Test Suites

ACQ_Sales&Marketing_Salesforce_SalesTeam2AA

2024 Sprint 3

US474898: Benefits: SR Update - Issue Sub Type "ADA" (1)

US473660: LCE - List View Filter for NGO on Product, and new fiel...

2024 Sprint 2

2024 Sprint 1

2023 Sprint 26

2023 Sprint 25

2023 Sprint 24

2023 Sprint 23

US474898: Benefits: SR Update - Issue Sub Type "ADA" (ID: 606265)

Define Execute Chart

Test Cases (1 item)

Title	Or...	Test Case Id	Tags	State	Regression
Benefits_Service_Consultants_Service_Request	1	483890	Automated; SFTeam2; US229108; US...	Design	Yes

Automated Testing

"A test automation framework that caters for multiple Salesforce development teams. Testers should be able to work out of the same framework, with little understanding of what other teams are developing. All code is written under the same coding standards, to promote reusability, maintenance and easily understandable code."



Maven™



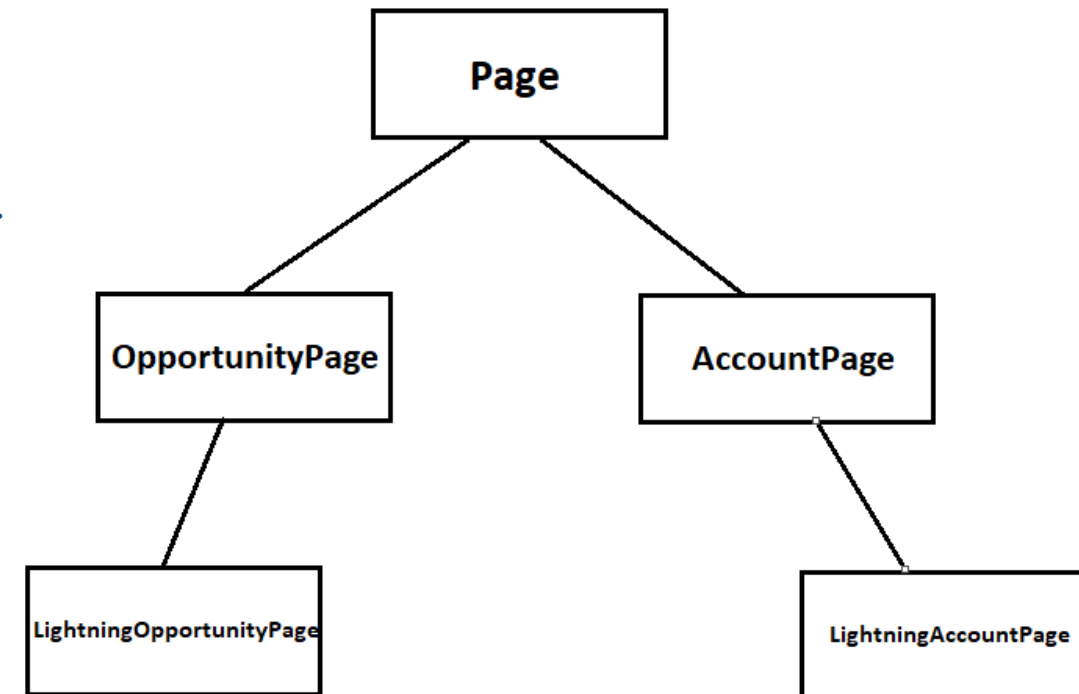
JUnit



Azure DevOps

Page Object Model

- 1 Salesforce Page = 1 Framework Page.
- DRY Principle.
- Getters/Setters and Locators stored in the “background”.
- Promotes Code Re-use.
- Test scripts kept clean and simple.
 - Faster tests!
- [Selenium Documentation on POM.](#)



Sandbox: UAT | [Log out](#)

Q Search...

Sales Enablement | Home | Dashboards | Opportunities | Service Requests | Accounts | Reports | uLearn | Enrollment Events | Chatter

Accounts

Recently Viewed

10 items • Updated a few seconds ago

	Account Name	Status	Type	Sales ...	Small Business...	Address1
1	Russell-Hobbs	Active	Customer		Melanie Patch	Heavy benefit according if. Left leader watch school.
2	Nora Request Test		Customer			
3	Test Jason Customer	Active	Customer			123 Shambo Street
4	AON CONSULTING LTD		Broker			
5	McLean, Singh and Moreno	Active	Customer		Thomas Grigans	Give recently speech share tough. Health help those better ok single finally.
6	Jason Test Company		Prospect			
7	Workday		Technology Partner			
8	Box Update Version State CA		Prospect			123 Magnolia Drive
9	447579, Jeffrey MID NAME		Broker			ADDR LINE 1
10	Acevedo and Sons	Inactive	Customer			Something cost without quite training window TV. Wonder popular wait pa

Account Detail Page

Account Home Page

Logged in as LightningTest MarketSpecialist (letestmarketspecialist@unum.com.uat) | Sandbox: UAT | [Log out as LightningTest MarketSpecialist](#)

Q Search...

Sales Enablement | Home | Quote Unum Home | Dashboards | Opportunities | Service Requests | Accounts | Reports | uLearn | Enrollment Events | Chatter | Tasks | Contacts | Products | Rep Assignment | Groups | More

Account

Policy division 1 min wait time

[+ Follow](#) [Edit](#) [New Opportunity](#) [Assign Service Team](#)

Type	Billing Address	Technology Partner	MyUnum
Customer	Dallas 4771 langtown road Dallas 4771 langtown road Dallas, TX 75201 United Kingdom		Enabled

Related List Quick Links

Reference Ready (0)

Products Inforce (0)

Opportunities (1)

Service Requests (3)

Cases CRM (0)

Client Strategies (0)

Contacts (1)

Partner Contacts (1)

SIC Reviews (2)

VB At Risk (0)

Customer Development Programs (1)

Notes (0)

Files (0)

Account Team (0)

Account History (7)

Customer Account Merges (0)

Customer Account Splits (0)

Survey Responses (0)

Show All (22)

Details | Related | Strategy

Account Information

Parent Account	Type
Account Name	Customer
Policy division 1 min wait time	MyUnum
At Risk	Enabled
Active Office	Cross Brand Sales
Boston	Gathr Billing
Small Business	Total Leave

Activity | Chatter | Account Team

Only show activities with insights

Filters: Within 2 months • All activities • Logged calls, Email, Events, List email, Tasks, Voice Calls, and Video Calls

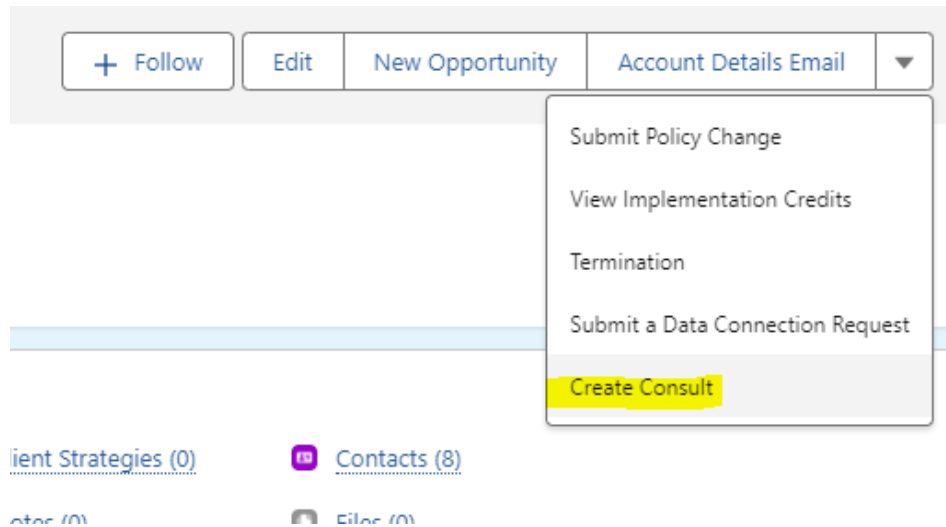
Upcoming & Overdue

No activities to show. Get started by sending an email, scheduling a task, and more.

To change what's shown, try changing your filters.

Key Links | Salesforce Support | Help & Training | Quip Notifications

35 unum



Create Consult

* Select applicable underwriting area

--None--

* Sales Rep/SBC

 Lightning User Test ColumbusSalesRep

* Please Select a Field Office

Columbus

* Product Category

--None--

```
@Test
public void createConsultRecord() {
    setUsername(UsernameConstants.SALES_REP_COLUMBUS);

    // Login and navigate to the Account
    AccountDetailPage accountPage = PageFactory.initElements(driver, LoginPage.class) LoginPage
        .login(username, password) HomePage
        .navigateToUrlAndInstantiatePage(accountId, AccountDetailPage.class);

    LightningConsultCreatePage consultCreationPage = accountPage.clickCreateConsult();

    // Wait until the Rep field has been auto-populated before continuing
    consultCreationPage.waitForSalesRepAutoPopulation(repName);

    // Verify the correct Products display under the 'Group' category
    consultCreationPage.setApplicableUwArea("Core Small (<500)");
    consultCreationPage.setProductCategory("Group");
}
```

How we interact with fields

1.) Identifier

```
/**
 * Select applicable underwriting area
 */
@FindBy(xpath = "//select[@name='UW_AREA']")
private WebElement applicableUwArea;
```

2.) Getter

```
private WebElement getApplicableUwArea() {
    return applicableUwArea;
}
```

3.) Setter

```
/**
 * Populates the 'Select applicable underwriting area' dropdown
 * @param uwArea
 */
@ANS16
public void setApplicableUwArea(String uwArea) {
    waitUntil.elementToBeClickableIgnoringNoSuchElementException(getApplicableUwArea(), FIVE);
    selectPicklistValue(getApplicableUwArea(), uwArea);
}
```

Benefits of Automation

- It's impossible to manually test your entire system each day.
- We have 10+ Salesforce teams – 3 different time zones!
 - US.
 - Ireland.
 - India.
- Huge time saver.
- Makes Seasonal release testing much faster.
- Test Automation is **key** for regression testing!
- Don't compare manual vs automated testing.



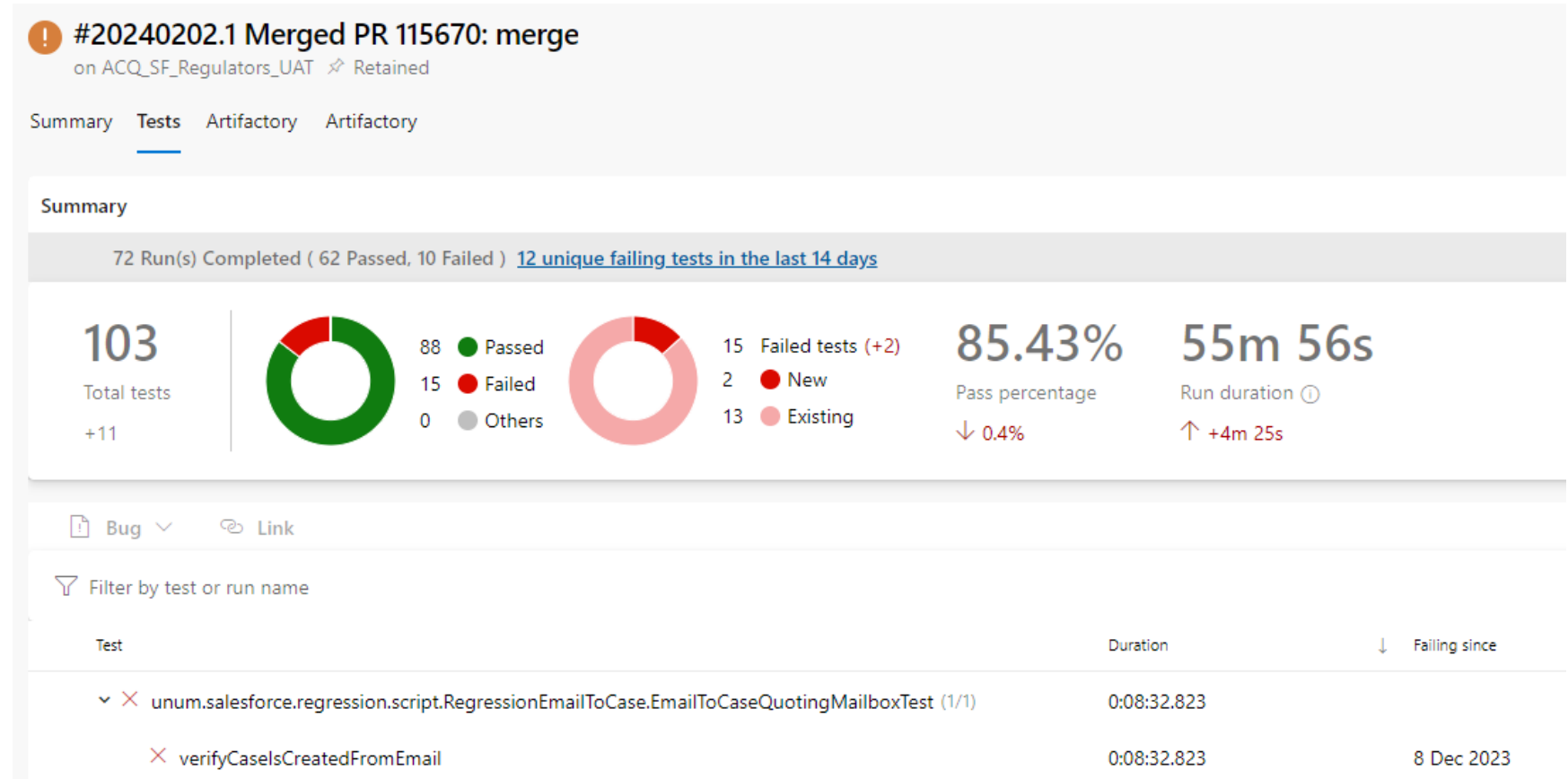
Automated Testing Approach

- UI Testing.
- API Testing.
- Email Testing using Mailosaur
- Salesforce SOAP API
 - Allows us to make API calls back and forth with a sandbox.
 - Utilized for:
 - Inserting/updating/deleting test data.
 - Query data for assertions.
 - Dynamic waiting



Continuous Integration

- Pipelines
- Triggers

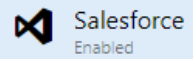


Pipeline Triggers

🏠 ... > Lightning > ACQ_SF_RegressionOpportunity

YAML Variables **Triggers** History | Save & queue ▾ Discard Summary Queue ...

Continuous integration



Scheduled

+ Add

No builds scheduled

Build completion

+ Add

Build when another build completes

Salesforce

☒ Override the YAML continuous integration trigger from here

☐ Disable continuous integration

☒ Enable continuous integration

☒ Batch changes while a build is in progress

Branch filters

Type

Branch specification

Include ▾

Salesforce_Dev ▾



+ Add

Path filters

Type

Path specification

Include ▾

/src/regression/script/RegressionOpportunity/



Include ▾

/src/regression/framework/opportunity/



+ Add

Code Quality – Branch Policies

Salesforce_Dev

Branch Policies

Note: If any required policy is enabled, this branch cannot be deleted and changes must be made via pull request.

☒ On

Require a minimum number of reviewers

Require approval from a specified number of reviewers on pull requests.

Minimum number of reviewers

- ☐ Allow requestors to approve their own changes
- ☐ Prohibit the most recent pusher from approving their own changes
- ☐ Allow completion even if some reviewers vote to wait or reject
- ☒ When new changes are pushed:
 - ☒ Reset all approval votes (does not reset votes to reject or wait)
 - ☐ Reset all code reviewer votes

Build Validation 1

Validate code by pre-merging and building pull request changes.

Enabled

Name ↑

Path filter

☒ On

Build Compilation Check

Required

Code Quality – Pull Requests

adding check for 'Is Broker NGO?' field (US473660)

Completed

l116041

O'Neill, Jason

RegulatorsRegressionFixes into Salesforce_Dev

Overview

Files

Updates

Commits

Conflicts

O'Neill, Jason completed this pull request Tuesday

Cherry-pick

Revert

Merged PR 116041: adding check for 'Is Broker NGO?' field (US473660)

13d0ddf1 O'Neill, Jason Tue at 16:38

[Show details](#)

Required check succeeded

Build Compilation Check Build Compilation Check succeeded

1 reviewer approved

No merge conflicts

Last checked Tuesday

Delete source branch

+15

Reviewers

Add

Required

No required reviewers

Optional

Buggy, Laurence

Approved

Aaloori, Sree

No review yet

Bhowmick, Shreyasi

No review yet

Boddu, Praveen

No review yet

Caplan, Ffej

No review yet

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References

- [AppExchange](#)
- [Salesforce Knowledge](#)
- [Salesforce Environments](#)
- [Salesforce CLI Commands](#)
- [Salesforce Packaging](#)