

# Syracuse Trailblazers

Oct 6  
2022



# Connecting



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## Trailblazer Community Groups: Syracuse, NY Developers Group

- How we track membership, schedule meetings and RSVP to upcoming events

## Twitter: @syracusedevs

- Posting formal meetups, informal gatherings, retweeting regional events and member activities

## Chatter: Syracuse, NY Developers Group

- Conversations and discussions with other group members

## Web: SyracuseDevelopers.com

- Links to the above sites, copies of slides/code presented at meetups



# Winter 23



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# Winter 23

# '23



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Certifications

Dreamforce Announcements

Platform Changes

Lightning Config

Declarative Development

Programmatic Development





# Certifications

## New Certification: Salesforce Associate

- <https://trailhead.salesforce.com/en/credentials/associate>
- “Designed for individuals who may have up to 6 months of user experience”

## New Certification: Business Analyst

- <https://trailhead.salesforce.com/en/credentials/businessanalyst>
- “Certified Salesforce Administrators who understand business needs, capture requirements, and collaborate with stakeholders to develop Salesforce solutions that drive business improvements”

Release Cycle	Date Available	Due Date*	Maintenance Modules Available
<a href="#">Winter '22</a>	December 8, 2021	December 2, 2022	<a href="#">Marketing Cloud Administrator</a> <a href="#">Platform App Builder</a> <a href="#">Platform Developer I</a> <a href="#">B2C Solution Architect</a> <a href="#">Architect Maintenance Module</a>



# Dreamforce



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## Genie

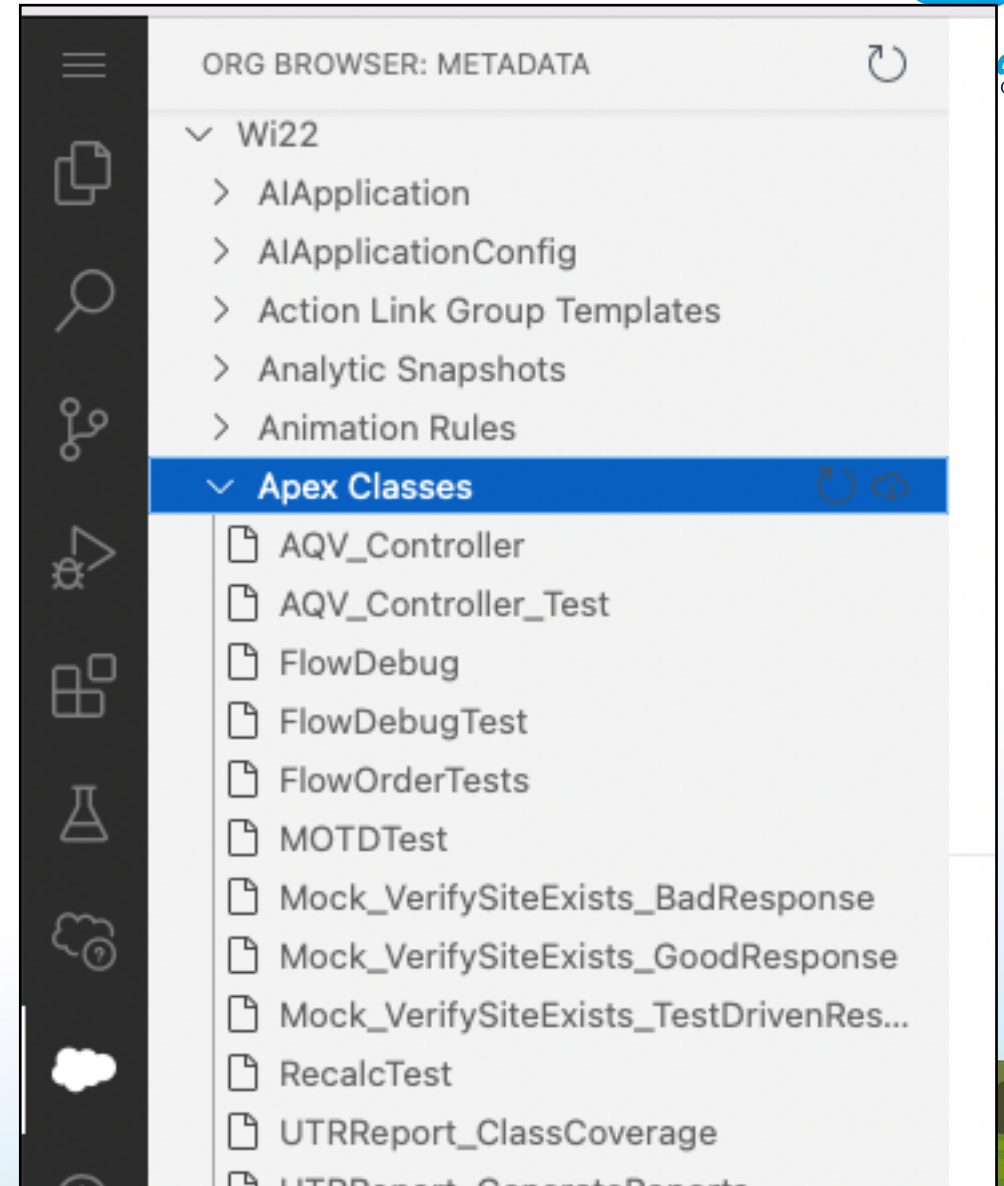
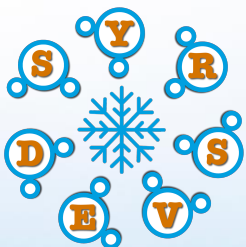
- <https://trailhead.salesforce.com/users/teamtrailhead/trailmixes/quest-df22-customer-data-platform>
- Possibly a rebranding of CDP to Customer Data Platform
- Builds a customer graph and market segmentation based on Salesforce metadata combined with data lakes
- Some sort of combination of AI, automation and realtime access to customer data
- “I really don't understand yet how its not Mulesoft and Einstein just duct taped together.” — HazyAmerican, Reddit, /r/salesforce
- Nobody's fully sure what this is or how to even describe it



# Dreamforce

## Code Builder (Demo, Beta)

- [https://help.salesforce.com/s/articleView?id=release-notes.develop\\_from\\_anywhere\\_using\\_salesforce\\_code\\_builder.htm&type=5&release=240](https://help.salesforce.com/s/articleView?id=release-notes.develop_from_anywhere_using_salesforce_code_builder.htm&type=5&release=240)
- Web based IDE
- No local software install
- Get metadata, create metadata, build SOQL, run tests
- Kind of a combination of VS Code, VS Code for SF Extensions and sfdx
- Intended to be easy for admins and developers to use
- Can install it in a dev edition, but limited to 20 hours/30 days



# Dreamforce

## DevOps Center (Demo, Beta)

- [https://help.salesforce.com/s/articleView?id=release-notes.rn\\_devops\\_center.htm&type=5&release=240](https://help.salesforce.com/s/articleView?id=release-notes.rn_devops_center.htm&type=5&release=240)
- Declarative method of doing source control, pipelines, multi-admin/developer work and work items
- Currently only supports GitHub repositories
- Looks like it'll track sandbox changes and pull them in automatically
- Can be installed in a dev edition, but probably not very functional there

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WI-000000

## Create a field on account



In Progress

Details

Changes

Activity History

Subject

Create a field on account

Description

Assigned To

Mike DeMaria

### Development

s19

[mjd-gs0edition-dev-ed.my.salesforce.com](https://my.salesforce.com/mjd-gs0edition-dev-ed)

Branch: P3

Version: na



### Production

trailhead1 Release

[syrdevs-w20-dev-ed.my.salesforce.com](https://my.salesforce.com/syrdevs-w20-dev-ed)

Branch: WI-P

Version: na





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## Release Notes

- [https://help.salesforce.com/s/articleView?id=release-notes.salesforce\\_release\\_notes.htm&type=5&release=240](https://help.salesforce.com/s/articleView?id=release-notes.salesforce_release_notes.htm&type=5&release=240)

## Trailhead

- <https://trailhead.salesforce.com/users/teamtrailhead/trailmixes/quest-learn-moar-winter-23-for-admins>
- <https://trailhead.salesforce.com/users/teamtrailhead/trailmixes/quest-learn-moar-winter-23-for-developers>



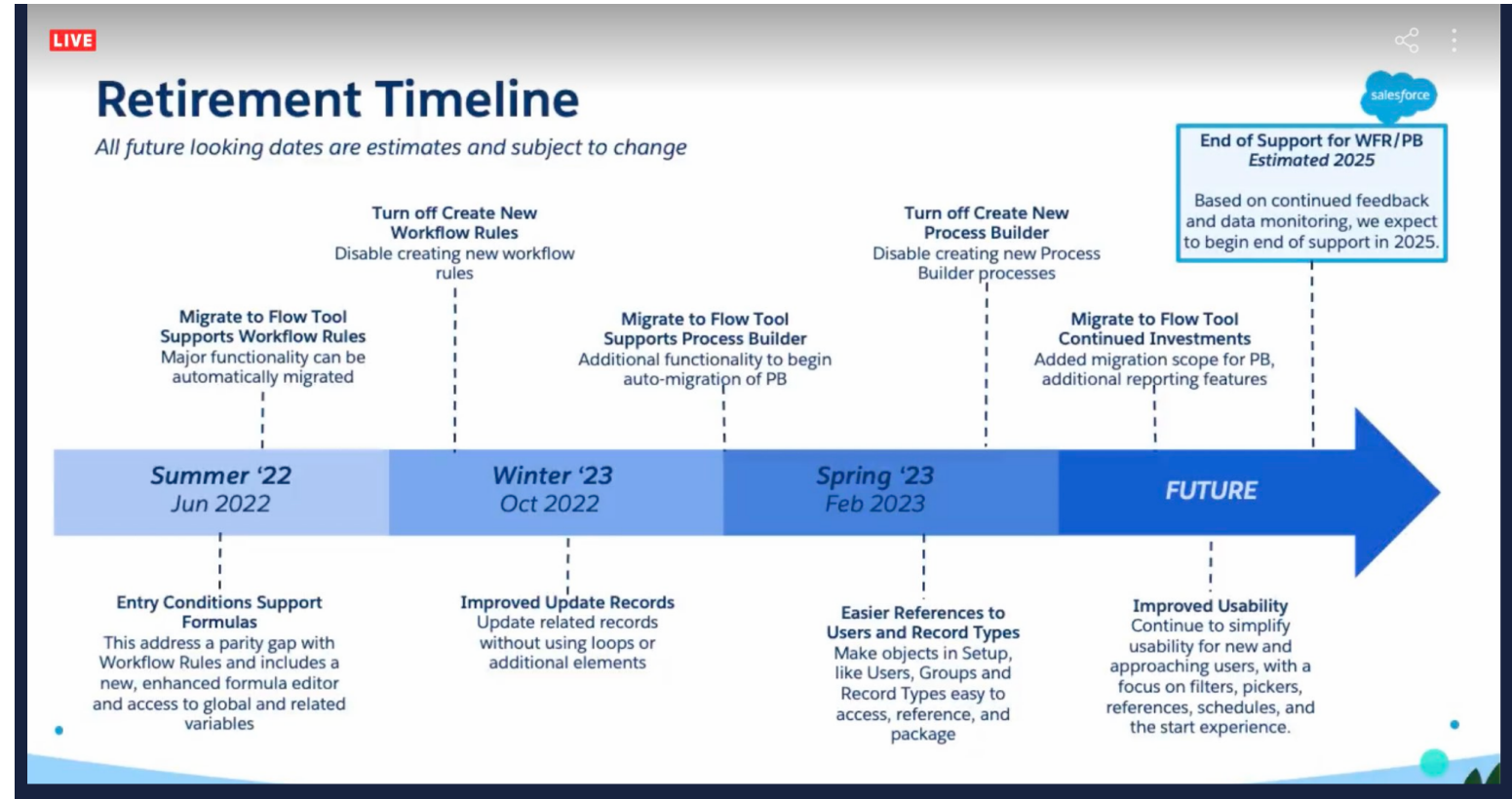
# Platform Changes

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## No new Workflow rules

- Activate, deactivate and edit are available for existing rules
- Cannot create new ones
- Dev Orgs are the exception (for managed package developers)
- Use flows instead





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# Platform Changes

## Enhanced Domains

- Enabled by default
- Your 'My Domain' is included in URLs, Sites, Experience Cloud and so forth
- You'll notice sandboxes are [dev1.sandbox.my.salesforce.com](https://dev1.sandbox.my.salesforce.com)
- Old hostnames are redirected to the mydomain
- New event monitoring 'Hostname Redirect' available to all customers (24 hour retention without Shield)

## New Data Loader Download Page

- Don't need to download from setup
- <https://developer.salesforce.com/tools/data-loader>



[https://help.salesforce.com/s/articleView?id=release-notes.rn\\_security\\_domains\\_enhanced\\_ru.htm&type=5&release=240](https://help.salesforce.com/s/articleView?id=release-notes.rn_security_domains_enhanced_ru.htm&type=5&release=240)

[https://help.salesforce.com/s/articleView?id=release-notes.rn\\_security\\_domains\\_learn\\_redirections.htm&type=5&release=240](https://help.salesforce.com/s/articleView?id=release-notes.rn_security_domains_learn_redirections.htm&type=5&release=240)

[https://help.salesforce.com/s/articleView?id=release-notes.rn\\_security\\_domains\\_identify\\_redirected\\_hostnames.htm&type=5&release=240](https://help.salesforce.com/s/articleView?id=release-notes.rn_security_domains_identify_redirected_hostnames.htm&type=5&release=240)

[https://help.salesforce.com/s/articleView?id=release-notes.rn\\_security\\_domains\\_identify\\_redirected\\_hostnames.htm&type=5&release=240](https://help.salesforce.com/s/articleView?id=release-notes.rn_security_domains_identify_redirected_hostnames.htm&type=5&release=240)

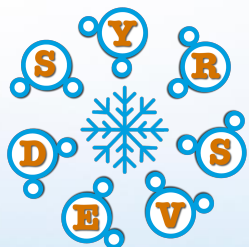
# Platform Changes

## Better user access and permissions assistant app (Demo)

- Installing it takes some setup work
- Lets you analyze permissions, FLS, access and more
- See what permission sets are granting a user
- Convert profiles to permission sets
- Manage permission set assignments
- Run comparison reports

## SAML Framework Upgrade

- Changes to the SAML framework will be enforced in Spring 23
- Apply release update in sandbox to verify no issues with SSO providers



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[https://help.salesforce.com/s/articleView?id=release-notes.rn\\_security\\_saml\\_upgrade.htm&type=5&release=240](https://help.salesforce.com/s/articleView?id=release-notes.rn_security_saml_upgrade.htm&type=5&release=240)

# Platform Changes

## Territory Management for Leads

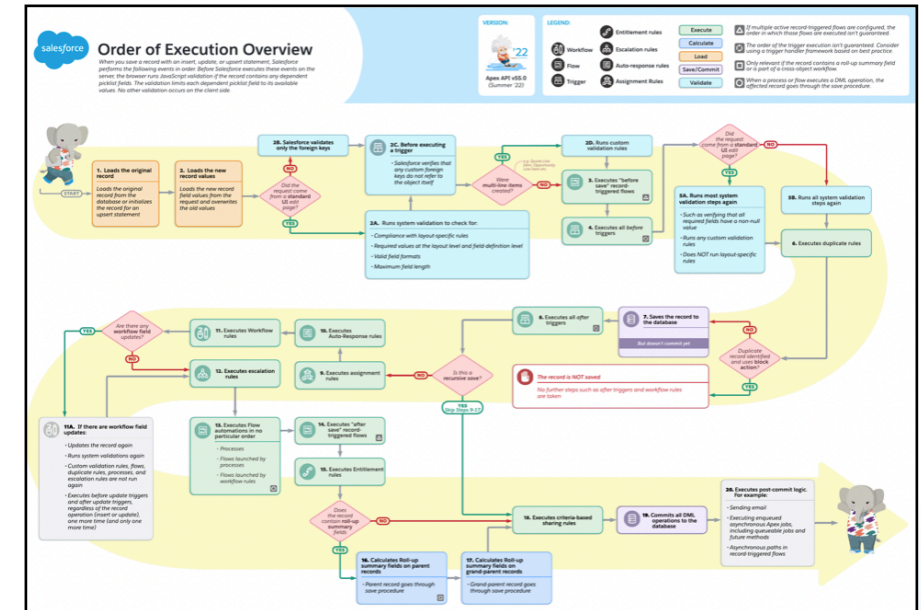
- Use territory management for accounts, opportunities or cases?
- Well now you can for Leads too

## Sandbox Release Upgrade Visibility

- See which sandboxes are on the preview instances
- Preview sandboxes are upgraded about 6 weeks before the production orgs

## Order of Execution Cheat Sheet

- Print it out, hang it on the wall
- <https://architect.salesforce.com/1/asset/immutable/s/e6cf2ac/assets/images/Salesforce-Order-Of-Execution-Diagram.png>





# Lightning Config

## More Dynamic Related List Filters

- Select multiple filter values for picklist fields

## Custom Address field now GA

- Create your own custom compound address field
- Still requires the global State and Country picklists
- Doesn't work with Lead Conversion, Approval Processes or Flows

## Dynamic Forms Standard Objects

- Now supports Account, Person Account, Contact and Opportunity pages



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[https://help.salesforce.com/s/articleView?id=release-notes.rn\\_forcecom\\_custom\\_fields\\_address.htm&type=5&release=240](https://help.salesforce.com/s/articleView?id=release-notes.rn_forcecom_custom_fields_address.htm&type=5&release=240)  
[https://help.salesforce.com/s/articleView?id=sf.fields\\_caf\\_requirements.htm&type=5](https://help.salesforce.com/s/articleView?id=sf.fields_caf_requirements.htm&type=5)  
[https://help.salesforce.com/s/articleView?id=release-notes.rn\\_forcecom\\_dynamic\\_forms\\_3heros.htm&type=5&release=240](https://help.salesforce.com/s/articleView?id=release-notes.rn_forcecom_dynamic_forms_3heros.htm&type=5&release=240)

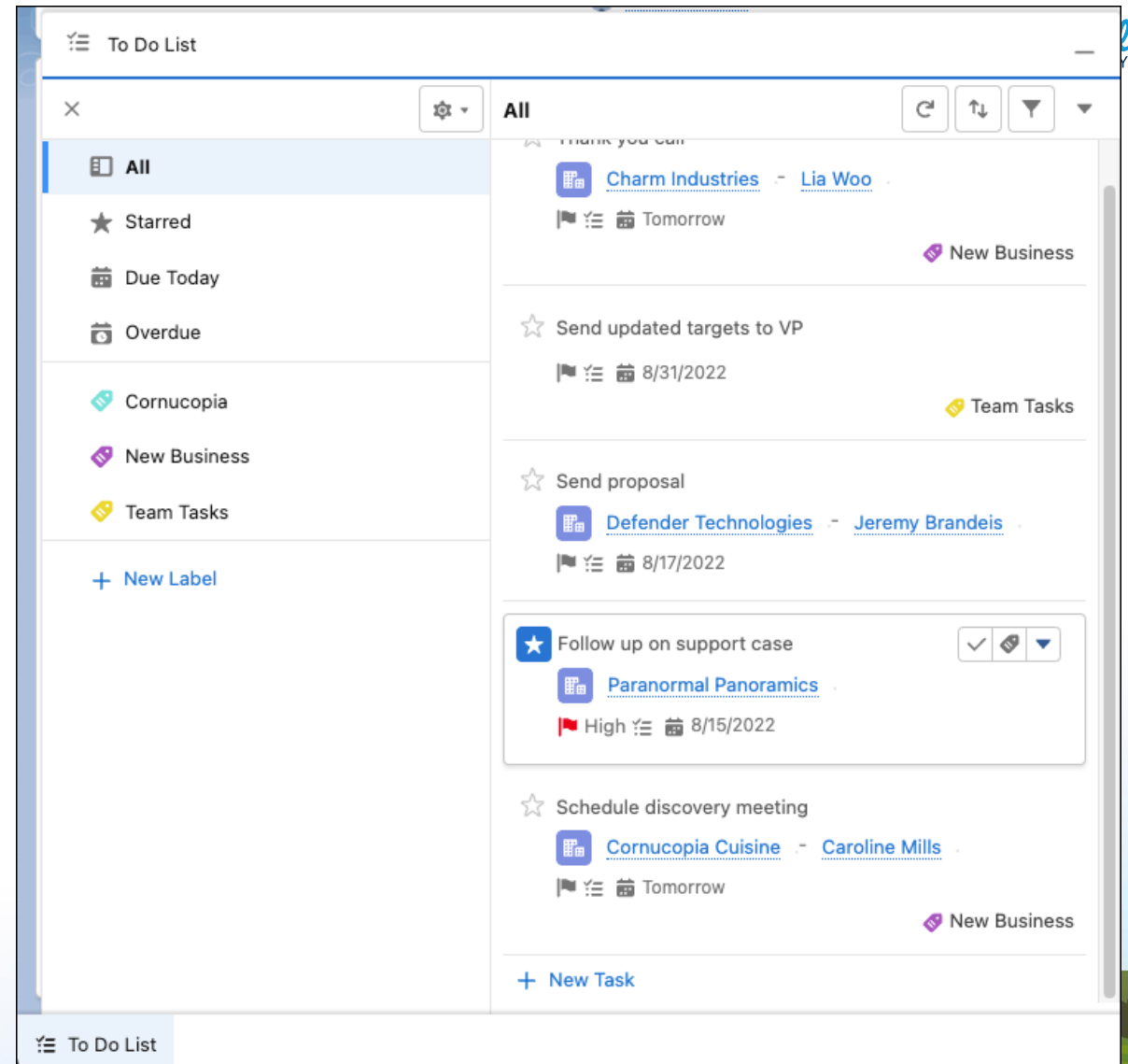
# Lightning Config

## To Do List

- New Utility Bar Component
- Apply labels to tasks
- Also works with Cadences
- Not available in dev editions

## Named Credentials

- Named Credentials setup is now lightning native
- New support for Amazon STS to access AWS
- New Connect API



# Declarative Development

## Call Flows From Completed Cadence Step

- When a cadence step is completed, a Cadence Autolaunched Flow can be invoked
- Flows included by default: update contact owner to cadence target assignee, update lead status to contacted, update opportunity stage to Qualification

## Use Screen Flows as Cadence Step

- Specify a Cadence Step Flow to occur as part of a cadence
- Flows included by default: create a case, create an event, create a task

## Set FLS to Permission Sets Instead of Profiles (Demo, Beta)

- When creating a new field, assign FLS to a permission set instead of a profile



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[https://help.salesforce.com/s/articleView?id=release-notes.rn\\_sales\\_se\\_cadence\\_screen\\_flows.htm&type=5&release=240](https://help.salesforce.com/s/articleView?id=release-notes.rn_sales_se_cadence_screen_flows.htm&type=5&release=240)  
[https://help.salesforce.com/s/articleView?id=release-notes.rn\\_forcecom\\_fls\\_permsets.htm&type=5&release=240](https://help.salesforce.com/s/articleView?id=release-notes.rn_forcecom_fls_permsets.htm&type=5&release=240)

# Declarative Development

## Element Search (Demo)

- Search option when adding a new element

## Larger Modal (Demo)

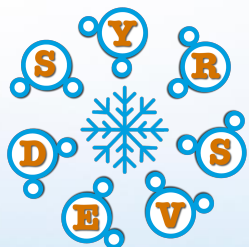
- The element edit screen is much bigger

## Formula Syntax Check (Demo)

- When editing a formula, you can now check the syntax in the modal, not at save

## Filter picklists by Record Type in Screen Flows

- Instead of seeing all picklist values for a record, you can now see just the ones relevant to the record type



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# Declarative Development

## Update Related Records (Demo)

- Record triggered flow, Account, When Update occurs
- Add update element
- Update records related
- \$Record > Tasks, Opportunities, Events, etc

## Multi-Column Screen Flows (Demo)

- Section component now lets you do multi-columns and multi-widths
- Check your old flows (flowLayout=twoColumn), because that might be ignored

## Data Tables (Demo, Beta)

- Display a table from a collection
- Lots of other new input types available like call script, password, display image (sidebar\_illustration) and slack selectors



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[https://help.salesforce.com/s/articleView?id=release-notes.rn\\_automate\\_flow\\_builder\\_two\\_column\\_layouts.htm&type=5&release=240](https://help.salesforce.com/s/articleView?id=release-notes.rn_automate_flow_builder_two_column_layouts.htm&type=5&release=240)  
[https://help.salesforce.com/s/articleView?id=release-notes.rn\\_automate\\_flow\\_builder\\_two\\_column\\_layouts.htm&type=5&release=240](https://help.salesforce.com/s/articleView?id=release-notes.rn_automate_flow_builder_two_column_layouts.htm&type=5&release=240)



# Programmatic Development

## Bulk/Soap/Rest APIs 21.0 to 30.0 Deprecation

- These will stop working in Summer 23

## Platform Event Usage

- Monitor usage from Platform Events setup page

Event Allocations <span>i</span>		
Item	Usage	Allocation
High-Volume Platform Event Hourly Publishing Allocation	0	50000
High-Volume Platform Event and Change Event Daily Delivery Allocation	0	10000





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# Programmatic Development

## Access Email Composer

- Can now invoke the send email action from Aura or LWC

## DataWeave in Apex (Developer Preview)

- Mulesoft's DataWeave is now available in Apex
- Convert a csv to an SObject

## User Mode Apex (Beta)

- Now getQueryLocator, deleteAsync, deleteImmediate, insertAsync, insertImmediate, updateAsync and updateImmediate can be performed in User Mode
- Unlike System Mode, it will honor FLS



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# Programmatic Development

## Assert Class

- No need to do `system.assertEquals()` anymore
- Now it's `Assert.areEqual()`
- Old ones still work, but they recommend moving over
- New options include `areEqual`, `isTrue`, `isInstanceOfType`, `isNull` and their logical opposites
- Also includes an uncatchable `Assert.fail()` method to instantly fail the test



# Thank You For Coming!

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Download the slides

- [https://syracusedevelopers.com/meetings/202210/SyrDevs\\_2022-10.pdf](https://syracusedevelopers.com/meetings/202210/SyrDevs_2022-10.pdf)

