Syracuse
Trailblazers
Feb 7
2023

Connecting

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

Events

TrailblazerDX
- March 7-8
- San Francisco, CA

Midwest Dreamin/WITness Success
- August 16-19
- Minneapolis, MN

Dreamforce
- September 12-14
- San Francisco, CA

Northeast Dreamin
- October 5-6
- Manchester, NH

Spring 23

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Winter 23

Profile Permissions

Platform

Reports

Declarative Development

Programmatic Development

Spring 23

Release Notes

- https://help.salesforce.com/s/articleView?id=release-notes.salesforce_release_notes.htm&release=242&type=5

Trailhead

- https://trailhead.salesforce.com/content/learn/modules/spring-23-release-highlights

Mandatory Enforcements

Enhanced Domains

- Auto enabled in Spring 23
- Can postpone auto enablement to Summer 23
- Can postpone auto enablement again to Winter 24, but then it's required

Multi Factor Authentication

- MFA automatically enabled for direct logins in Spring 23
- MFA required by contract, but not technologically enforced, for SSO

Profile Permissions

Profile Permissions EOL in Spring 26

- Profiles will still exist
- Login hours, IP range, default record types, page layouts stay
- Sys permissions, App permissions, Create/Read/Update/Delete on objects and fields, tabs, record types, apps, connected apps, class access, VF page access, custom permissions all move to permission sets

User Access Policies (Closed Beta)

- Use criteria to automatically entitle permissions to users
- Option to disable profile permissions targeted for Spring 24
- Expect additional enhancements to Delegated Admin in the future

https://admin.salesforce.com/blog/2023/permissions-updates-learn-moar-spring-23

Platform

Generally Available

- Bulk manage picklist values
- Cleanup inactive picklist values
- Dynamic Forms now available on Leads
- Dynamic Forms now available on Cases
- Dynamic Actions now available on all Standard Objects
- Data Tables in Flows

https://help.salesforce.com/s/articleView?id=release-notes.rn_fields_bulk_manage_picklist_values_ga.htm&release=242&type=5
https://help.salesforce.com/s/articleView?id=release-notes.rn_fields_picklist_delete_inactive_values_ga.htm&release=242&type=5
https://help.salesforce.com/s/articleView?id=release-notes.rn_lab_dynamic_form_enhancements.htm&release=242&type=5
https://help.salesforce.com/s/articleView?id=release-notes.rn_lab_dynamic_actions_standard_objects.htm&release=242&type=5
https://help.salesforce.com/s/articleView?id=release-notes.rn_automate_flow_runtime_data_table.htm&release=242&type=5

Platform

Selective Sandbox Access

- Use a public group to optionally avoid having to change user email addresses in sandboxes
- Saves a step for admins whenever multiple people typically log into a particular sandbox
- If users have set their challenge questions, you can avoid post-refresh user setup

Loaded Tab Limit

- For console apps, content is normally always loaded in all tabs
- Specify a maximum number of loaded tabs, least used tabs are unloaded
- Unloaded are visible, but content is reloaded when focused on
- Tradeoff: save RAM and virtual memory swapping on local browser, but needs to get data off the server again

https://help.salesforce.com/s/articleView?id=release-notes.rn_sandboxes_selective_sandbox_access.htm&release=242&type=5
https://help.salesforce.com/s/articleView?id=release-notes.rn_console_tab_limit.htm&release=242&type=5

Platform

Dynamic Activity Composer (Demo, Contacts)

- New UI for the activity composer
- Easy access to 1 of 3 email fields
- Easy to add items to the To Do list
- Add custom actions for tasks and events
- Can still use the old tabbed style UI without these feature enhancements

More Details on Sharing (Demo, Leads)

- Sharing Hierarchy shows why users have access
- See exact Sharing Rule names

https://help.salesforce.com/s/articleView?id=release-notes.rn_sales_productivity_activity_composer.htm&release=242&type=5
https://help.salesforce.com/s/articleView?id=release-notes.rn_sharing_why_record_access.htm&release=242&type=5

Platform

Configure Searchable Fields Per Profile (Beta, Demo)

- Configure in Search Manager
- Mark if a field should be searchable or not
- Removing search does not remove access to the field

Searchable Pick Lists (Beta, Demo)

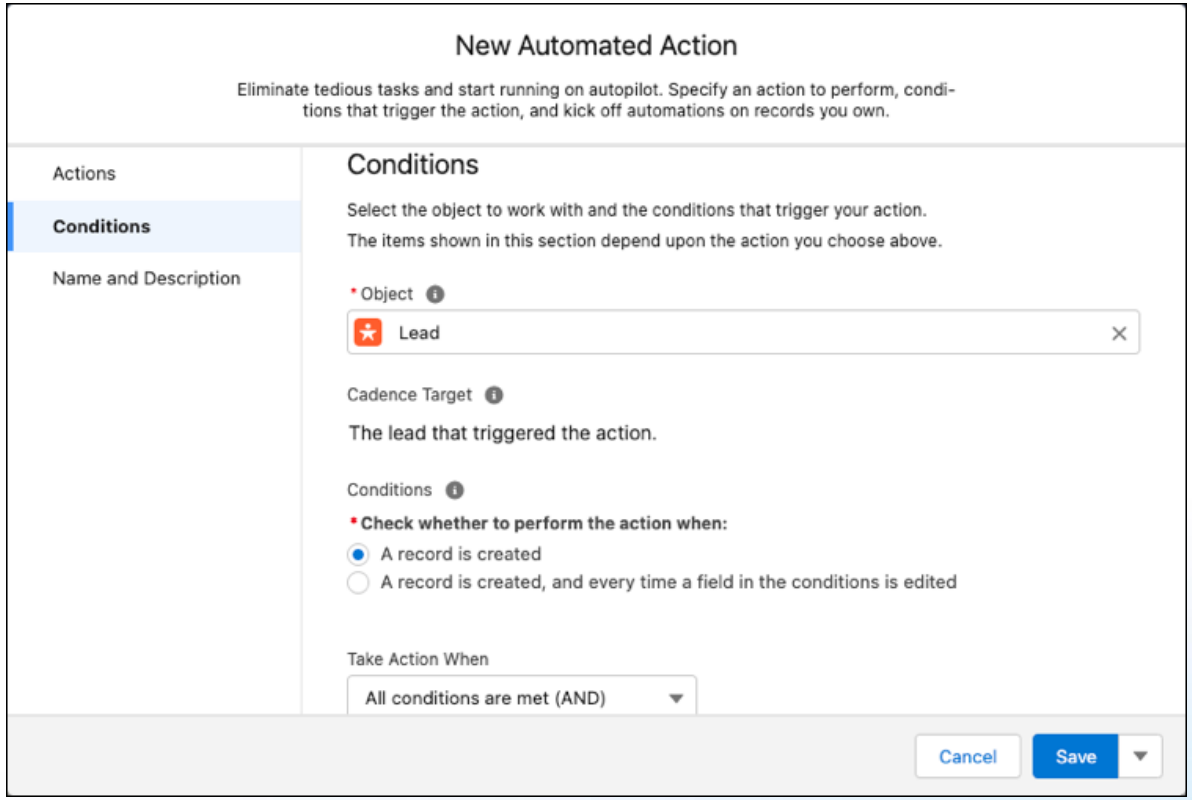
- Picklist fields can be searched with Einstein Search

https://help.salesforce.com/s/articleView?id=release-notes.rn_search_configure_manager.htm&release=242&type=5
https://help.salesforce.com/s/articleView?id=release-notes.rn_search_searchable_picklist.htm&release=242&type=5

Platform

High Velocity Sales User Defined Workflows

- Users can add their own cadence targets and assignees
- Users can create up to 50 automated actions



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Reports

Lightning Reports Feature Parity with Classic

- Lightning Report Builder now has all the features that Salesforce Classic Reports have
- Edit in Classic button removed from drop down menu

Increase in Subscriptions

- Each user can now subscribe to 15 reports
- Each user can now subscribe to 15 dashboards

https://help.salesforce.com/s/articleView?id=release-notes.rn_rd_reports_edit_in_lightning.htm&release=242&type=5
https://help.salesforce.com/s/articleView?id=release-notes.rn_rd_reports_subscription_limits.htm&release=242&type=5

Reports

Dynamic Personalized Report Filters (Demo, Account)

- Can use a relative value ($USER) in a report filter
- No longer need to create those “userlookup__c == $User.Id” checkbox formula fields
- Works for User lookup custom fields

Dashboard Text and Graphics (Beta)

- Add text and graphics elements to dashboards
- Add charts, describe metrics, add rich text, company logos, animated GIFs
- Contact Salesforce Support to enable

https://help.salesforce.com/s/articleView?id=release-notes.rn_rd_reports_relative_value_filter.htm&release=242&type=5
https://help.salesforce.com/s/articleView?id=release-notes.rn_rd_dashboards_image_and_text_widgets.htm&release=242&type=5

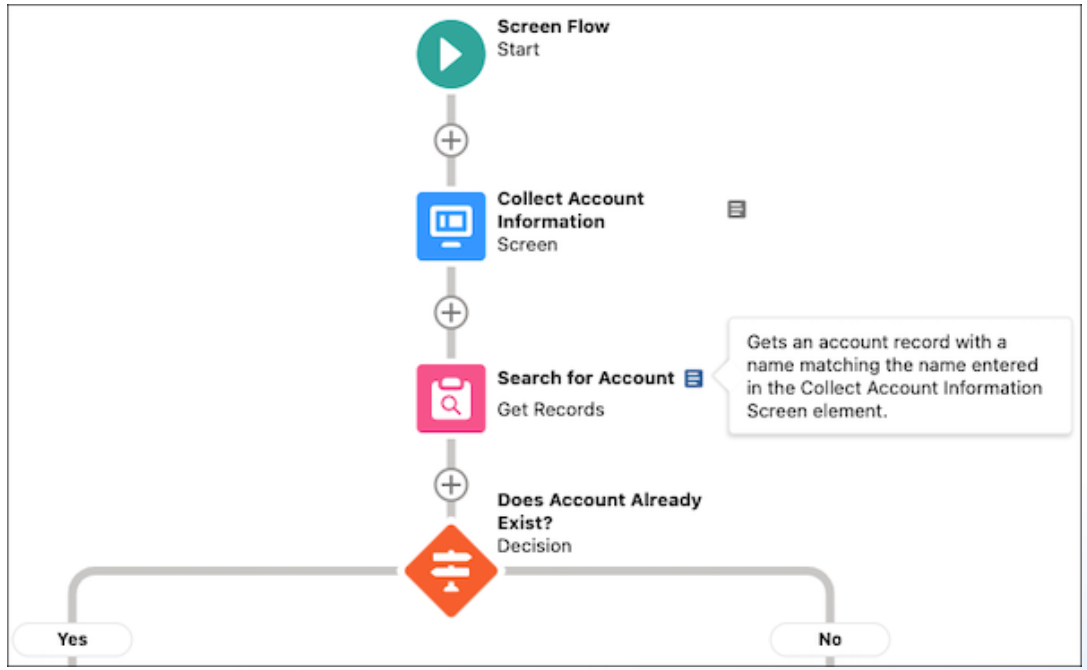
Flows

No 2000 element limit

- Flows used to be limited to 2000 elements
- Great when you're dealing with loops
- Other governor limits (like CPU time) still apply

Descriptions on Canvas

- The elements description boxes appear on the canvas
- Hover over to see the description
- It's not quite like a code comment block but it's better



https://help.salesforce.com/s/articleView?language=en_US&id=release-notes.rn_automate_flow_versioned_updates.htm&release=242&type=5
https://help.salesforce.com/s/articleView?id=release-notes.rn_automate_flow_builder_see_element_descriptions_on_the_flow_canvas.htm&release=242

Flows

Easier Lookups (Demo)

- You can now add a Lookup field as a Field
- Previously, you needed to use the Lookup element

Convert Process Builders to Flows Utility (Demo, Opp)

- Helps you convert your Process Builders to Flows
- Some limitations - doesn't work with scheduled actions

https://help.salesforce.com/s/articleView?id=release-notes.rn_automate_flow_add_lookup_fields.htm&release=242&type=5
https://help.salesforce.com/s/articleView?id=release-notes.rn_automate_flow_mgmt_migrate_to_flow_tool.htm&release=242&type=5

Code

DataWeave in Apex (Beta)

- A Mulesoft feature, advances to Beta status
- Convert input csv files into sObjects

Slow Down Queueable Jobs

- New optional override for queueable jobs to delay 0-10 minutes
- Admins can set an org wide default for jobs that have no delay specified
- Use to slow down external system callouts or polling results
- Can always have them execute with no delay if desired
- System.enqueueJob(new MyQueueableClass(), 5) will delay 5 minutes

https://help.salesforce.com/s/articleView?id=release-notes.rn_apex_DataWeaveInApex_Beta.htm&release=242&type=5
https://help.salesforce.com/s/articleView?id=release-notes.rn_apex_orgWide_delayQueueable.htm&release=242&type=5
https://help.salesforce.com/s/articleView?id=release-notes.rn_apex_enqueueJob_delayQueueable.htm&release=242&type=5

Code

RefreshView API (Beta)

- Replaces force:refreshView in Aura
- Now available for LWCs
- Works for platform containers and custom components

Dynamic Bind SOQL Queries with Maps

- Database.queryWithBinds() lets you use maps instead of variables

```
Map<String, Object> acctBinds = new Map<String, Object>{'acctName' => 'Acme Corporation'};

List<Account> accts =
    Database.queryWithBinds('SELECT Id FROM Account WHERE Name = :acctName', acctBinds, AccessLevel.USER_MODE);
```

https://help.salesforce.com/s/articleView?id=release-notes.rn_lc_refreshview.htm&release=242&type=5
https://help.salesforce.com/s/articleView?id=release-notes.rn_apex_bind_var_soql.htm&release=242&type=5

SFDX in 2023

Issuing commands

- ‘sfdx force:org:open’ and ‘sfdx force org open’ will do the same thing
- ‘sfdx force:org:open’ and ‘sfdx force:open:org’ will do the same thing

Finding commands

- ‘sfdx search’ to find commands and help documentation
- Improved help messages (-h concise, -help full)

https://developer.salesforce.com/blogs/2022/12/big-improvements-coming-to-the-salesforce-cli

Thank You For Coming!

Download the slides

- https://syracusedevelopers.com/meetings/202302/SyrDevs_2023-02.pdf