



# Appian 24.1 Product Announcement Webinar

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# appian | World

April 15 – 17, 2024  
Washington D.C.

[appianworld.com](https://appianworld.com)



# Appian Developer Day

April 15th, 2024 - A full-day pre-conference event for Appian Developers

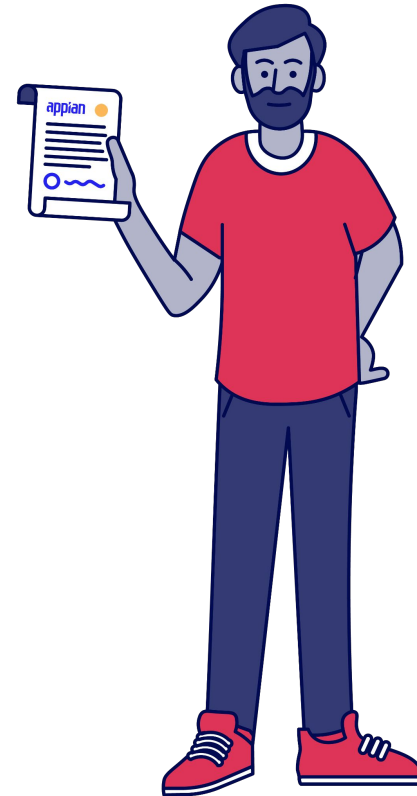


## Developer Day Agenda

- Developer Day Keynote
- Hands-on Labs
- Tech Talks led by Community Members
- Product-led Interactive Sessions
- On-site Developer Certification Testing
- “Ask an Expert” Kiosks
- Exclusive Reception

# Free Certifications Exams at Appian World 2024

Attendee registration opens **end of February**.





# 2024

# Quarterly Updates

{year}.{release that year}

## JANUARY

M	T	W	T	F	S	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

## FEBRUARY

M	T	W	T	F	S	S
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12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29			

## MARCH

M	T	W	T	F	S	S
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11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

# 24.1

## APRIL

M	T	W	T	F	S	S
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22	23	24	25	26	27	28
29	30					

## MAY

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## JUNE

M	T	W	T	F	S	S
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10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

# 24.2

## JULY

M	T	W	T	F	S	S
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15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

## AUGUST

M	T	W	T	F	S	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

## SEPTEMBER

M	T	W	T	F	S	S
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9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

# 24.3

## OCTOBER

M	T	W	T	F	S	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

## NOVEMBER

M	T	W	T	F	S	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

## DECEMBER

M	T	W	T	F	S	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

# 24.4



# appian

24.1 Release  
March 1st, 2024

# Low-Code Design

# Save Expressions with Input Descriptions

**Save Expression As**

**Save As \***

Expression Rule  **Interface**

**Name \***

OF\_OrderSubmissionSummary\_StatusTag

**Description**

A sub-interface of the Order Submission Summary that displays the status in a tag.

**Application \***

Order Fulfillment

**Save In \***

OF Rules & Constants

Create New Rule Folder

Include in the design library. [Learn more](#)

**Rule Inputs**

Variables that are not declared in the selected expression are automatically converted into rule inputs

Original Variable	New Name	Description	Type	Array
ri:order	order	Order record data	Order Submission	<input type="checkbox"/>
local:colors	colors	Application colors	Map	<input checked="" type="checkbox"/>

**Expression Preview**

```
17  a!sideBySideItem(  
18  item: a!tagField(  
19    label: "",  
20    labelPosition: "COLLAPSED",  
21    tags: {  
22      a!tagItem(  
23        text: ri:order[Order Submission.orderStatus.value ],  
24        backgroundColor: index(  
25          ri:colors,  
26          wherecontains(  
27            tointeger(  
28              ri:order[Order Submission.orderStatus.colorId ]  
29            ),  
30          ),  
31          tointeger(  
32            ri:colors.id
```



# Case Management

Rachel Rater | Sr Mgr, Product Management

# Case Management Studio Workspace

The screenshot shows the Appian Case Management Studio Workspace interface. The top navigation bar includes the Appian logo, 'WORKSPACE', 'CASES', 'ENTITIES', 'REPORTS', and 'SEARCH'. The user is logged in as 'Workspace' with a profile picture. The main dashboard is titled 'Case Worker Dashboard' and includes a 'Home' button and a 'DELETED DASHBOARD' button.

The dashboard is divided into several sections:

- Case Worker Dashboard:** Includes filters for Name (Case Worker Dashboard, 21/255), Description, and Page Filters (Show search button, + ADD FILTERS).
- Case Created On From:** Date picker set to mm/dd/yyyy.
- Case Created On To:** Date picker set to mm/dd/yyyy.
- Assignee:** Select options dropdown.
- Case Type:** Select options dropdown.
- Priority:** Select options dropdown.
- Open Cases by Milestone and Priority:** Horizontal bar chart showing the number of cases for various milestones (e.g., Documentation, Closure, Investigation) across different priority levels (High, Low, Medium, Critical, None).
- Case Submitted, Started and Completed:** Line chart showing the number of cases over time (Date) for Closed, In Progress, and Open cases.
- Open Incident Cases:** Pie chart showing the distribution of open incident cases.

# Case Types in Case Management Studio

The screenshot displays the Appian Case Management Studio interface. At the top, the Appian logo is on the left, and navigation options for 'CASE TYPES', 'TASKING', and 'BRANDING' are in the center. On the right, the user profile 'Studio' is visible. Below the navigation bar, the main content area is titled 'All Case Types'. A sidebar on the left contains 'Home' and 'Data' links. In the top right of the main area, there is a '+ CREATE CATEGORY' button. The main area is filled with a grid of case type categories, each with a colored header and a list of sub-items:

- Corporate** (Teal header):
  - Mergers and Acquisitions (Last updated Feb 16, 2024)
  - Incorporation and Formation (Last updated Feb 16, 2024)
  - Contracts and Agreements (Last updated Feb 16, 2024)
- Employee Lifecycle** (Purple header):
  - Onboarding (Last updated Feb 16, 2024)
  - Offboarding (Last updated Feb 16, 2024)
  - Transfer (Last updated Feb 16, 2024)
  - Promotion (Last updated Feb 16, 2024)
- Immigration** (Red header):
  - Visa Applications (Last updated Feb 16, 2024)
  - Green Card Applications (Last updated Feb 16, 2024)
  - Citizenship Applications (Last updated Feb 16, 2024)
- Incidents** (Green header):
  - Traffic Violation (Last updated Feb 16, 2024)
  - Security Breach (Last updated Feb 16, 2024)
  - Property Damage (Last updated Feb 16, 2024)
  - Workplace Safety (Last updated Feb 16, 2024)
- Legal** (Orange header):
  - Criminal Defense (Last updated Feb 16, 2024)
  - Civil Litigation (Last updated Feb 16, 2024)
  - Administrative Law (Last updated Feb 16, 2024)
- Permit** (Green header):
  - Swimming Pool Permit (Last updated Feb 16, 2024)
  - Solar Permit (Last updated Feb 16, 2024)
  - Residential Permit (Last updated Feb 16, 2024)
- Problem** (Blue header):
  - Technical Problems (Last updated Feb 16, 2024)
  - Product Quality Problems (Last updated Feb 16, 2024)
  - Customer Service Problems (Last updated Feb 16, 2024)
- Request** (Green header):
  - Personal Leave (Last updated Feb 16, 2024)
  - Medical Leave (Last updated Feb 16, 2024)

# No-Code Data Configuration in Studio

The screenshot displays the Appian Studio interface for configuring data. The top navigation bar includes the Appian logo, 'CASE TYPES', 'TASKING', and 'BRANDING' menus, along with a user profile icon labeled 'Studio'. The breadcrumb trail shows 'All Case Types / Incidents / Workplace Safety'.

The left sidebar contains a navigation menu with 'Details', 'Data', 'Intake Form', 'Workflow', and 'Summary Page'. The 'Data' section is active, showing three data tables:

- Workplace Safety Data**:

Name	Field Type
Office Location	A Short Text
- Incidents Data**:

Name	Field Type
Incident Date	Date
- All Case Types Data**:

Name	Field Type
Case	-- Case
Year Built	# Number (Integer)
Project Address	-- Address
Parcel Id Number	# Number (Integer)
Applicant	Entity
Property Owner	Entity
Licensed Professional	Entity
Project Name	A Short Text
Project Description	A Long Text
Estimated Cost	# Number (Decimal)

On the right side, a hierarchical diagram illustrates the case type structure. 'All Cases' is the root, branching into 'Employee Lifecycle', 'Immigration', 'Incidents', 'Legal', 'Permit', and 'Proble'. 'Incidents' further branches into 'Property Damage', 'Security Breach', and 'Traffic Violation'. 'Property Damage' branches into '3 Case Types', '3 Case Types', and '3 Case Types'. 'Security Breach' branches into 'Workplace Safety'. 'Traffic Violation' branches into 'Workplace Safety'. The diagram also shows '4 Case Types' under 'Employee Lifecycle' and '3 Case Types' under 'Immigration'.



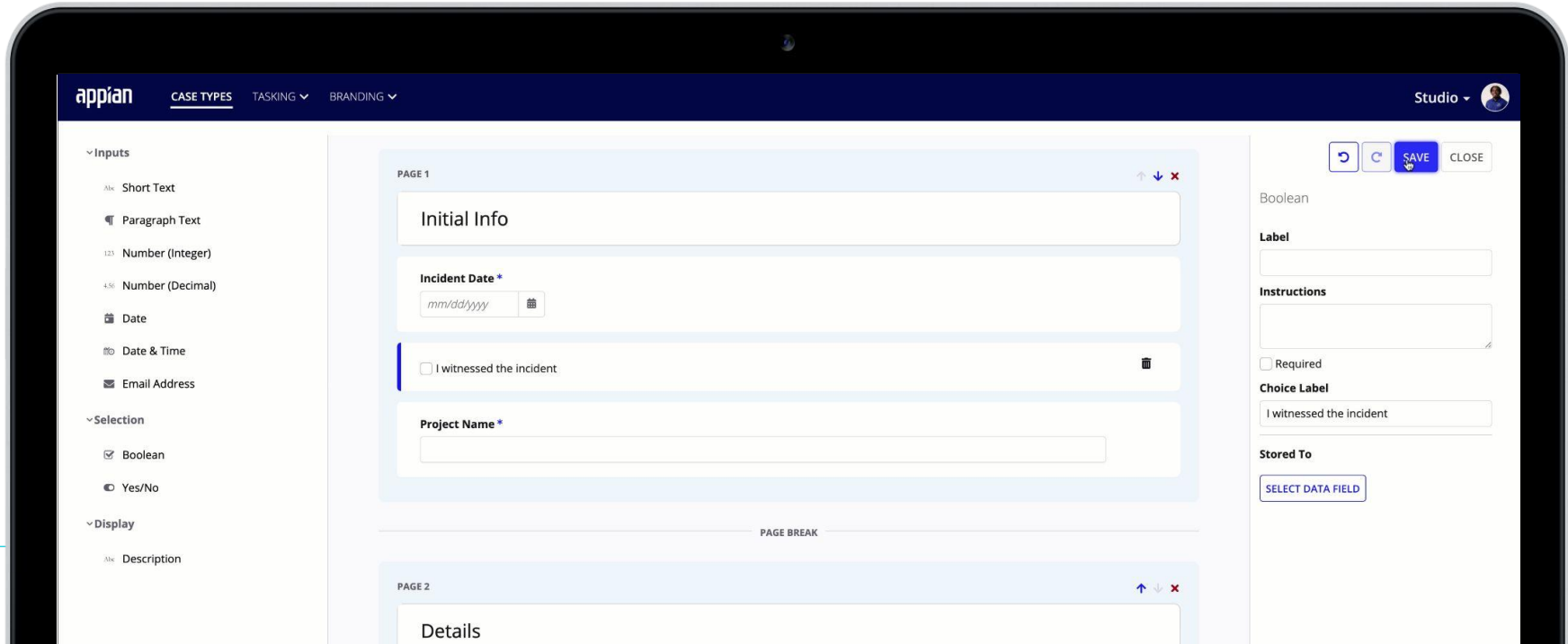
# Customize Workflows in Studio

The screenshot shows the 'Edit Case Type' interface in Appian Studio. The top navigation bar includes the Appian logo, 'CASE TYPES', 'TASKING', and 'BRANDING' menus, along with a user profile icon labeled 'Studio'. The main heading is 'Edit Case Type', with a sub-heading 'Step 1 of 2: Details'. The form is organized into several sections:

- Category:** A button labeled 'Incidents'.
- Name \*:** A text input field containing 'Workplace Safety'.
- Prefix \*:** A text input field containing 'WS'.
- Description:** A large text area with a '0/255' character count indicator.
- Default SLA:** A text input field containing '15'.
- Default Priority \*:** A dropdown menu currently set to 'None'.
- Default Assigned Group:** A text input field with the placeholder text 'Select a group'.
- Milestones:** A section with a descriptive paragraph: 'Milestones are used to bucket tasks and convey status of a case. The order affects the display on a case summary.' Below this are three milestone entries, each with a colored circle, a text input field, and control icons (up/down arrows and a red 'x'):
  - Triage:** Represented by a blue circle.
  - Investigation:** Represented by an orange circle.
  - Resolution:** Represented by a purple circle.
- ADD MILESTONE:** A button with a plus icon and the text 'ADD MILESTONE'.

# Configure Forms in Studio

Create easily configurable intake and edit forms for case types directly in Studio. There's no need to switch over to Designer or be familiar with developing interfaces!



The screenshot displays the Appian Studio interface for configuring a form. The top navigation bar includes the Appian logo, 'CASE TYPES', 'TASKING', and 'BRANDING' menus, along with a user profile icon and the text 'Studio'. The left sidebar lists various input and display components under categories like 'Inputs', 'Selection', and 'Display'. The main workspace shows a form layout with two pages: 'PAGE 1' and 'PAGE 2'. 'PAGE 1' contains a section titled 'Initial Info' with a text field, a date field labeled 'Incident Date \*' with a calendar icon, a checkbox labeled 'I witnessed the incident', and a text field labeled 'Project Name \*'. 'PAGE 2' contains a section titled 'Details'. On the right side, there is a configuration panel for a Boolean field, including options for 'Label', 'Instructions', 'Required', 'Choice Label', and 'Stored To', with a 'SELECT DATA FIELD' button at the bottom. At the top right of the configuration panel are 'SAVE' and 'CLOSE' buttons.

# Rearrange Summary Fields with Studio

The screenshot displays the Appian Studio interface for configuring a case type. The top navigation bar includes the Appian logo, 'CASE TYPES', 'TASKING', and 'BRANDING' menus, along with a user profile icon labeled 'Studio'. The breadcrumb trail shows 'All Case Types / Incidents / Workplace Safety'. A left-hand sidebar contains navigation options: 'Details', 'Data', 'Intake Form', 'Workflow', and 'Summary Page' (which is currently selected). The main content area is titled 'Summary Page' and includes a sub-header 'Display Data' with a description: 'All fields will be displayed on the summary page in the order they are listed.' Below this is a table with three columns: 'Data Field', 'Friendly Name', and 'Type'. The table lists three fields: 'Project Description' (Long Text), 'Office Location' (Short Text), and 'Project Name' (Short Text). Each row has a drag handle icon on the left and edit/delete icons on the right. An 'ADD FIELD' button is located in the top right corner of the table area. Below the table is the 'Edit Form' section, which is currently empty and contains a message: 'No edit form configured' and a 'CREATE EDIT FORM' button.

appian CASE TYPES TASKING BRANDING Studio

All Case Types / Incidents / Workplace Safety

Details

Data

Intake Form

Workflow

Summary Page

## Summary Page

Configure the display and editing of fields for the end user working on a case

### Display Data

All fields will be displayed on the summary page in the order they are listed.

ADD FIELD

Data Field	Friendly Name	Type
Project Description	Project Description	A Long Text
Office Location	Office Location	A Short Text
Project Name	Project Name	A Short Text

### Edit Form

Configure which fields can be edited directly from a case

No edit form configured

Design the form for users editing an in-flight case

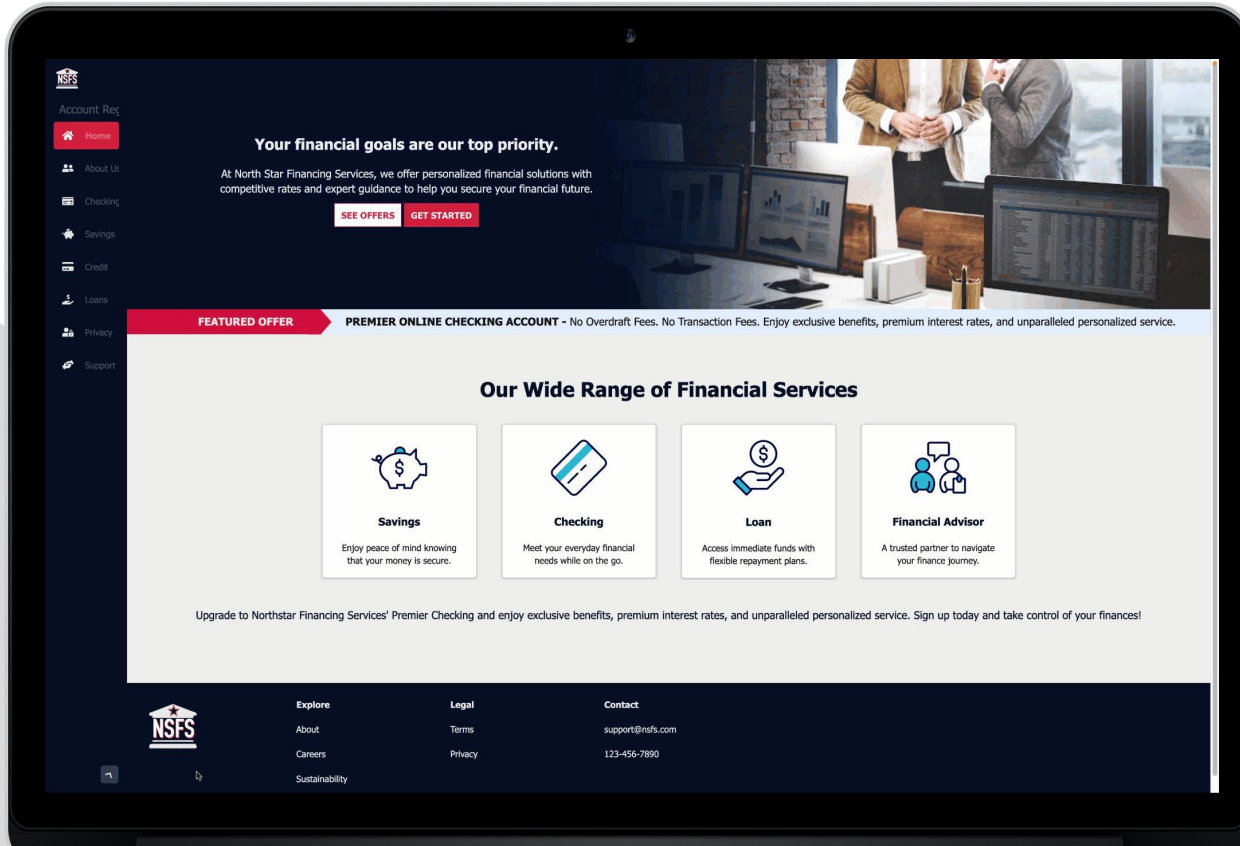
CREATE EDIT FORM

# Total Experience

Kevin Froimson | Sr Product Manager



# Use Collapsible Sidebar Layout in Portals



# Add Component Plug-Ins to Portals



Developers can now add component plugins to Appian Portals.

Supported component plugins include:

- Rich Text Editor
- Google Maps
- ESRI ArcGIS Maps

In Transit > Delivered

**Details**

Status: **Shipped**

Priority: Medium

Due: **10/3/2023** (125 days past due)

Assignee: Amy Hughes

Total Price: \$91.8

Last Updated: 9/29/2023  
Created On: 9/19/2023

**Key Employee Contacts**

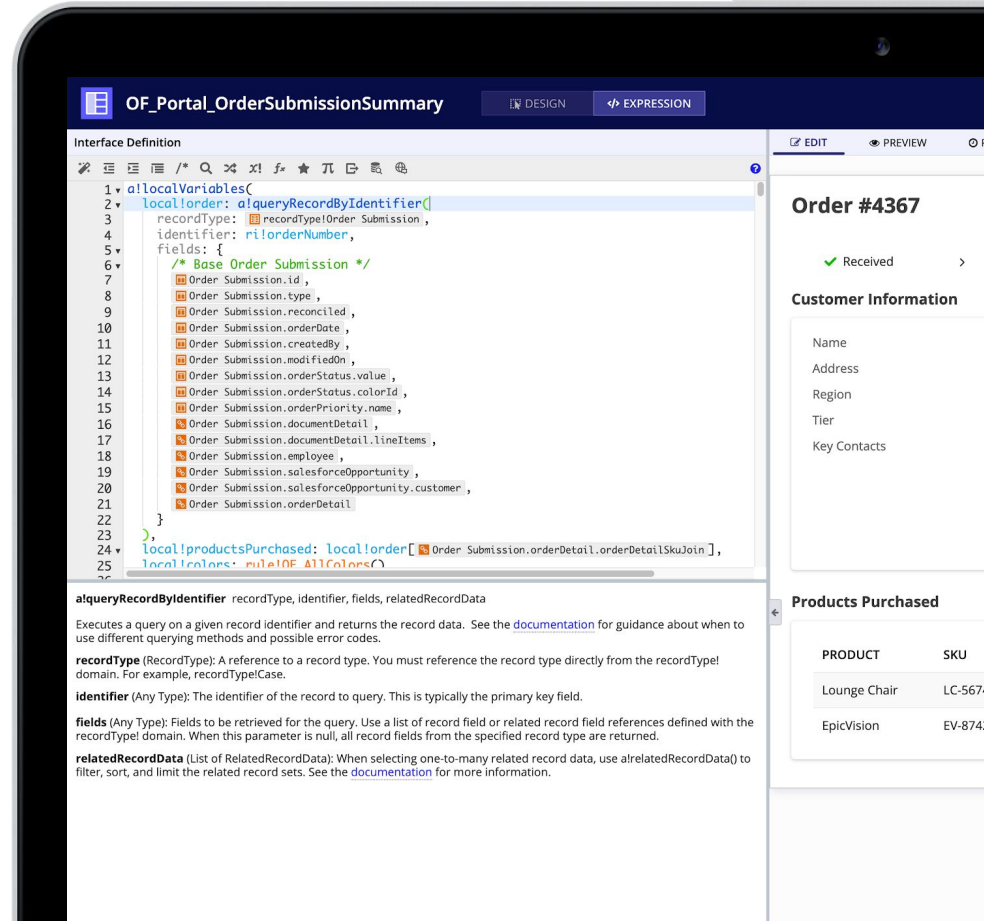
- MS** Mary Stewart  
mary.stewart@nexgen-technologies.com
- ML** Michelle Lee  
michelle.lee@nexgen-technologies.com
- CW** Charles Walker  
charles.walker@nexgen-technologies.com

QUANTITY	TOTAL PRICE
4	\$91.8

# a!queryRecordByIdentifier in Portals

You can now query both synced and unsynced record types in a portal!

You will also notice faster queries to your records using *a!queryRecordByIdentifier()* across all your applications.



The screenshot shows the Salesforce Lightning Studio interface for a portal page named "OF\_Portal\_OrderSubmissionSummary". The main editor displays the "Interface Definition" with the following code:

```
1. a!localVariables(  
2.   local!order: a!queryRecordByIdentifier(  
3.     recordType: recordType!Order_Submission,  
4.     identifier: r!orderIdNumber,  
5.     fields: {  
6.       /* Base Order Submission */  
7.       Order_Submission.id,  
8.       Order_Submission.type,  
9.       Order_Submission.reconciled,  
10.      Order_Submission.orderDate,  
11.      Order_Submission.createdBy,  
12.      Order_Submission.modifiedOn,  
13.      Order_Submission.orderStatus.value,  
14.      Order_Submission.orderStatus.colorId,  
15.      Order_Submission.orderPriority.name,  
16.      Order_Submission.documentDetail,  
17.      Order_Submission.documentDetail.lineItems,  
18.      Order_Submission.employee,  
19.      Order_Submission.salesforceOpportunity,  
20.      Order_Submission.salesforceOpportunity.customer,  
21.      Order_Submission.orderDetail  
22.    }  
23.  ),  
24.   local!productsPurchased: local!order[ Order_Submission.orderDetail.orderDetailSKUJoin ],  
25.   local!colors: rule!OF_AllColors()  
26. )
```

Below the code editor, there is a documentation section for the `a!queryRecordByIdentifier` function:

- a!queryRecordByIdentifier** recordType, identifier, fields, relatedRecordData  
Executes a query on a given record identifier and returns the record data. See the [documentation](#) for guidance about when to use different querying methods and possible error codes.
- recordType** (RecordType): A reference to a record type. You must reference the record type directly from the recordType! domain. For example, recordType!Case.
- identifier** (Any Type): The identifier of the record to query. This is typically the primary key field.
- fields** (Any Type): Fields to be retrieved for the query. Use a list of record field or related record field references defined with the recordType! domain. When this parameter is null, all record fields from the specified record type are returned.
- relatedRecordData** (List of RelatedRecordData): When selecting one-to-many related record data, use a!relatedRecordData() to filter, sort, and limit the related record sets. See the [documentation](#) for more information.

On the right side of the interface, there is a preview of the portal page. It shows the header "Order #4367" with a "Received" status, followed by "Customer Information" (Name, Address, Region, Tier, Key Contacts) and "Products Purchased" (Lounge Chair, EpicVision).

# Faster Service Account Creation in Portals

The screenshot displays the 'SKS Account Registration Portal' interface. On the left, a configuration sidebar includes options for 'Not published', 'Accent Color' (Hex code #dd3457), 'Loading Bar Color' (Hex code #3ec5dd), 'Favicon Image' (Document), 'Typeface' (Tahoma), and 'Service Access'. The 'Service Account' dropdown is currently set to 'Select a service account'. A red arrow points from this dropdown to a modal dialog box titled 'Create Service Account'.

The 'Create Service Account' dialog box contains the following fields and options:

- Username \***: Input field containing 'accountRegister.portal'
- Groups**: A list of groups with 'SKS Administrators' selected.
- Buttons**: 'CANCEL' and 'CREATE' buttons.

The background page features a header with 'appian' branding and a 'SAVE CHANGES' button. Below the header is a section titled 'Our Wide Range of Financial Services' with four cards: 'Savings', 'Checking', 'Loan', and 'Financial Advisor'. The 'Service Account' dropdown in the configuration sidebar is currently set to 'Select a service account'.



# New Design Guidance for Portals

The new guidance tells you if you're using functions & components that **aren't supported** in portals, and points out the **location** for effortless troubleshooting.

The screenshot shows the Appian IDE interface for a portal named "OF\_Portal\_OrderSubmissionSummary". A red notification bar at the top contains the following text:

**RECOMMENDATIONS** [Learn More](#)

- Incompatible function used in portal precedent.** This object is a precedent of a portal. Make sure it only uses functions that are compatible with portals, or the published portal could encounter an error. Locations: Interface Definition (lines: 7). [Dismiss](#)

The code editor on the left shows the following code snippet:

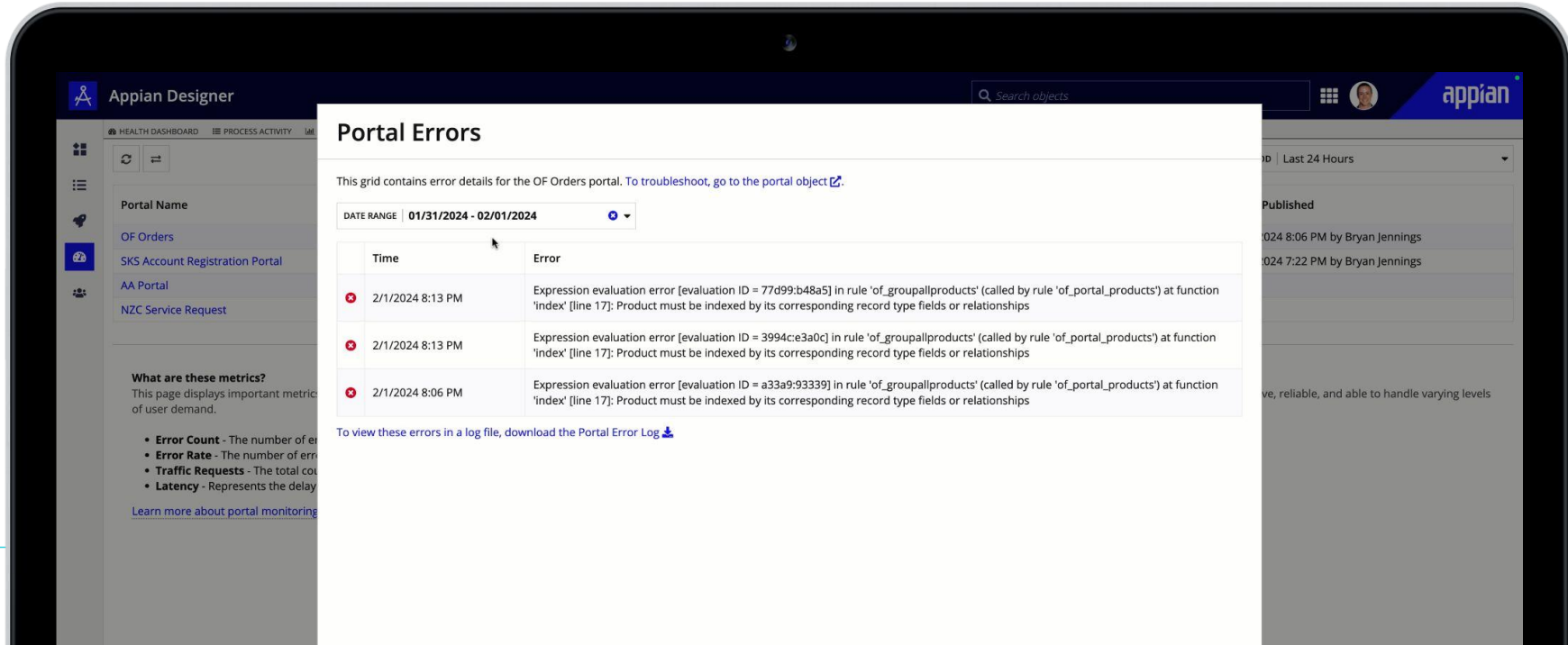
```
3 local!colors: rule!OF_AllColors(),
4 local!priority: rule!OF_MapPriorityProperties(
5   priorityId: ri!order[Order.Submission.priorityId]
6 ),
7 local!isWorkDay: calisworkday(
8   todatetime(today())
9 ),
10 {
11   a!richTextDisplayField(
12     labelPosition: "COLLAPSED",
13     value: {
14       a!richTextItem(
15         text: {
16           "Order #" & ri!order[Order.Submission.id]
17         },
18         color: "#434343",
19         size: "MEDIUM_PLUS",
20         style: {
21           "STRONG"
22         }
23       )
24     },
25     marginBelow: "MORE"
26   ),
27   rule!OF_OrderMilestones(
28     milestones: rule!OF_MilestonesMapping(),
29     activeStep: rule!OF_mapStatusToMilestone(
30       statusId: ri!order[Order.Submission.statusId]
31     )
32   ),
33   a!columnsLayout(
34     columns: {
35       a!columnLayout(
```

The right-hand side of the IDE displays a preview of the portal content, including a progress bar with steps: Received, Data Capture, and Processing. Below this is a "Customer Information" section with details for Nebula Networks, including address, region, tier, and key contacts. At the bottom, there is a "Products Purchased" table:

PRODUCT	SKU	CATEGORY	QUANTITY	TOTAL PRICE
Culinary Craft Precision Pan	CCPP-81345	Home & Kitchen	2	\$59.9

# Quickly Find & Resolve Errors in Portals

You can now easily find any errors users are seeing in your portal. Just click **error count** in the Portal Monitoring tab to view the error details.



The screenshot shows the Appian Designer interface with a 'Portal Errors' modal window open. The modal displays a table of error details for the 'OF Orders' portal, filtered for the date range '01/31/2024 - 02/01/2024'. The table contains three entries, all of which are 'Expression evaluation error' messages. Below the table, there is a link to download the Portal Error Log.

**Portal Errors**

This grid contains error details for the OF Orders portal. To troubleshoot, go to the portal object [here](#).

DATE RANGE: 01/31/2024 - 02/01/2024

Time	Error
2/1/2024 8:13 PM	Expression evaluation error [evaluation ID = 77d99:b48a5] in rule 'of_groupallproducts' (called by rule 'of_portal_products') at function 'index' [line 17]: Product must be indexed by its corresponding record type fields or relationships
2/1/2024 8:13 PM	Expression evaluation error [evaluation ID = 3994c:e3a0c] in rule 'of_groupallproducts' (called by rule 'of_portal_products') at function 'index' [line 17]: Product must be indexed by its corresponding record type fields or relationships
2/1/2024 8:06 PM	Expression evaluation error [evaluation ID = a33a9:93339] in rule 'of_groupallproducts' (called by rule 'of_portal_products') at function 'index' [line 17]: Product must be indexed by its corresponding record type fields or relationships

To view these errors in a log file, download the Portal Error Log [here](#).

# FedRAMP Certification for Portals



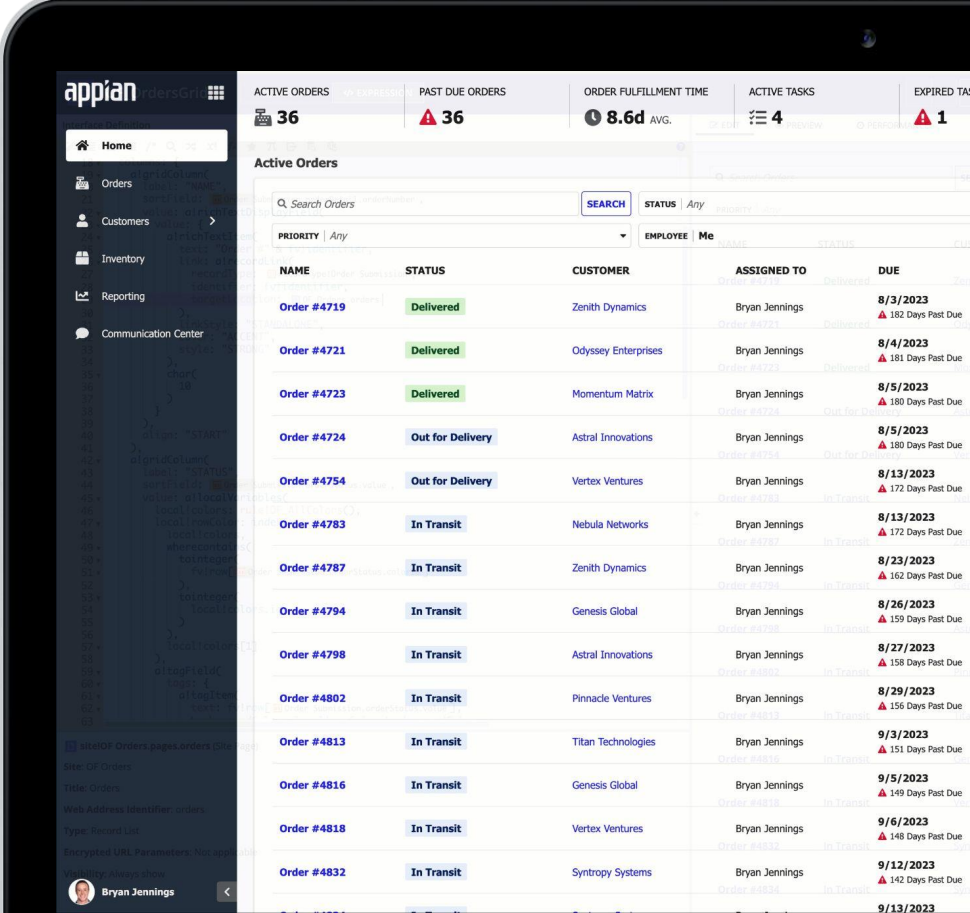
appian



FedRAMP

# Open Specific Site Pages from Record Links

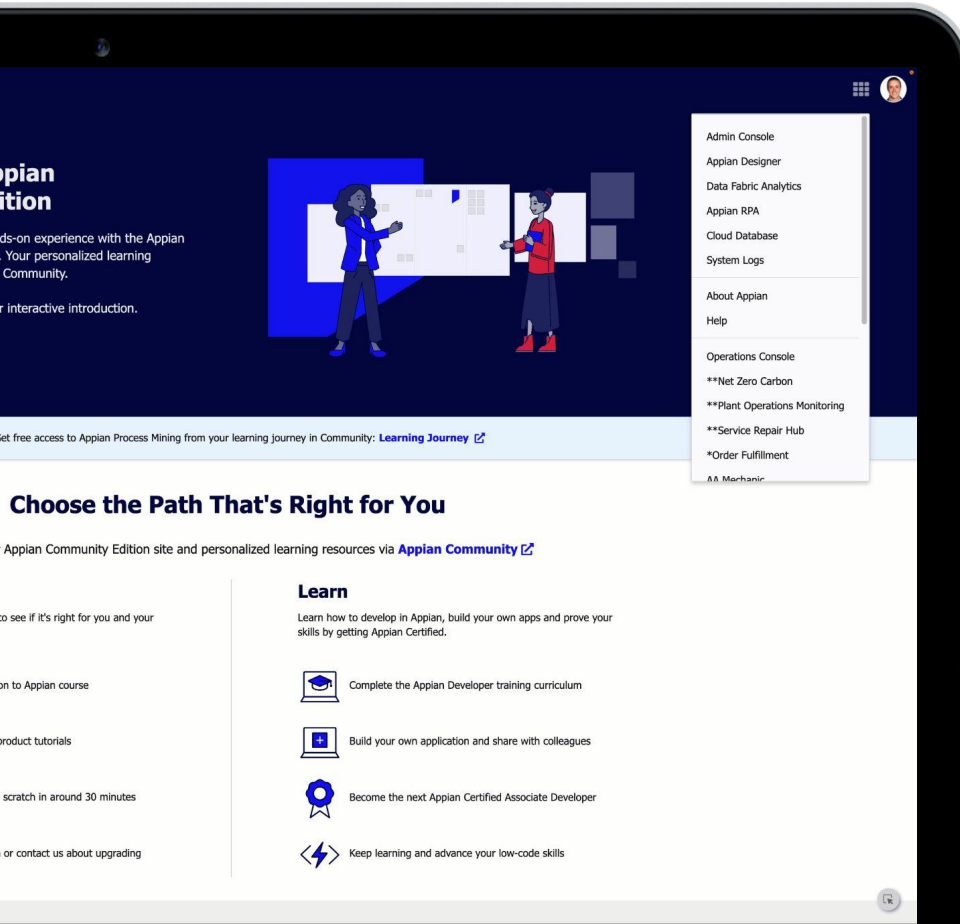
Now when you use `a!urlForRecord()`, `a!recordLink()`, or `a!userRecordLink()`, you can use the new ***targetLocation*** parameter to open a record link in a specific site page!



The screenshot displays the Appian Orders dashboard. At the top, there are summary statistics: 36 Active Orders, 36 Past Due Orders, an average Order Fulfillment Time of 8.6d, 4 Active Tasks, and 1 Expired Task. Below this is a table of Active Orders with columns for Name, Status, Customer, Assigned To, and Due date. The table lists 15 orders, with statuses ranging from Delivered to In Transit. The user profile for Bryan Jennings is visible at the bottom left of the dashboard.

NAME	STATUS	CUSTOMER	ASSIGNED TO	DUE
Order #4719	Delivered	Zenith Dynamics	Bryan Jennings	8/3/2023 ▲ 182 Days Past Due
Order #4721	Delivered	Odyssey Enterprises	Bryan Jennings	8/4/2023 ▲ 181 Days Past Due
Order #4723	Delivered	Momentum Matrix	Bryan Jennings	8/5/2023 ▲ 180 Days Past Due
Order #4724	Out for Delivery	Astral Innovations	Bryan Jennings	8/5/2023 ▲ 180 Days Past Due
Order #4754	Out for Delivery	Vertex Ventures	Bryan Jennings	8/13/2023 ▲ 172 Days Past Due
Order #4783	In Transit	Nebula Networks	Bryan Jennings	8/13/2023 ▲ 172 Days Past Due
Order #4787	In Transit	Zenith Dynamics	Bryan Jennings	8/23/2023 ▲ 162 Days Past Due
Order #4794	In Transit	Genesis Global	Bryan Jennings	8/26/2023 ▲ 159 Days Past Due
Order #4798	In Transit	Astral Innovations	Bryan Jennings	8/27/2023 ▲ 158 Days Past Due
Order #4802	In Transit	Pinnacle Ventures	Bryan Jennings	8/29/2023 ▲ 156 Days Past Due
Order #4813	In Transit	Titan Technologies	Bryan Jennings	9/3/2023 ▲ 151 Days Past Due
Order #4816	In Transit	Genesis Global	Bryan Jennings	9/5/2023 ▲ 149 Days Past Due
Order #4818	In Transit	Vertex Ventures	Bryan Jennings	9/6/2023 ▲ 148 Days Past Due
Order #4832	In Transit	Syntropy Systems	Bryan Jennings	9/12/2023 ▲ 142 Days Past Due
				9/13/2023

# Restyled, Modern User Menu



- Admin Console
- Applian Designer
- Data Fabric Analytics
- Applian RPA
- Cloud Database
- System Logs

- About Applan
- Help

- Operations Console

- \*\*Net Zero Carbon

- \*\*Plant Operations Monitoring

- \*\*Service Repair Hub

- \*Order Fulfillment

- AA Mechanic

We've restyled the user menu to give your sites a more **modern** look.

# New Pane Layout

The screenshot displays the Appian OF\_MessageCenter interface. The top navigation bar includes the title 'OF\_MessageCenter', tabs for 'DESIGN' and 'EXPRESSION', and buttons for 'TEST', 'SAVE CHANGES', and user profile. Below the navigation bar, there are tabs for 'EDIT', 'PREVIEW', and 'PERFORMANCE'. The main content area is split into two panes. The left pane, titled 'Threads', contains a list of message threads with details such as title, sender, and time. The right pane, titled 'Messages', shows a message composition area with a 'Body' text input, an 'Add Attachment' section with 'UPLOAD' and 'Drop file here' options, and a 'POST' button. The message content includes a header for 'Bryan Jennings' with a timestamp of '2/5/2024 • 5:15 PM' and a body of text: 'Hello all! Even though this didn't go through Managerial Review, I wanted to share that we got great feedback on the new PO formatting. People are really pleased that it not only matches our company styling and branding more, but they said it is a lot more intuitive and easy to use. So KUDOS to the team, great job everyone. Sounds like we might have some more exciting changes coming in future documents as well...'. Below this is another message from 'Bryan Jennings' with a timestamp of '2/5/2024 • 5:10 PM' and a body of text: 'I have already updated the company files and am sending out a company wide email now. Thank you everyone for the good collaboration and insight on this project!'. This is followed by a message from 'Mina Ebner' with a timestamp of '2/5/2024 • 5:09 PM' and a body of text: 'I think this looks great! Let's go ahead and ship this and update our documentation. We also need to send out a company note letting all employees know this is the new purchase order we will be using from now on!'. Next is another message from 'Bryan Jennings' with a timestamp of '2/5/2024 • 5:08 PM' and a body of text: 'I am adding an updated version with all of the changes mentioned here for a final review. Please let me know your final thoughts!'. This message includes an attachment 'PO 2.pdf' with a 'Download • 38.3kB' link. The final visible message is from 'Bryan Jennings' with a timestamp of '2/5/2024 • 4:44 PM' and a body of text: 'As of now, there is no intention for an Upper Managerial review, but it is definitely something we can consider. I think our Invoice should definitely go through that review, but our Purchase Order is less important in my eyes.'. The bottom of the screen shows the start of a message from 'James Ryan' with a timestamp of '2/5/2024 • 4:43 PM'.

**Threads**

- Order #4691 - General** 2/5/2024 5:15 PM  
Catalyst Creations 2 • 10
- Order #4693 - General** 2/5/2024 4:36 PM  
Nebula Nexus 0 • 1
- Order #4694 - General** 2/5/2024 4:36 PM  
Nebula Networks 0 • 2
- Order #4695 - General** 2/5/2024 4:36 PM  
Zenith Dynamics 0 • 1
- Order #4698 - General** 2/5/2024 4:36 PM  
Genesis Ventures 1 • 1
- Order #4699 - General** 2/5/2024 4:36 PM  
Nebula Dynamics 0 • 1
- Order #4702 - General**  
Elevation Enterprises 0 • 0
- Order #4703 - General**  
Quantum Quest 0 • 0

**Messages**

**Body**

**Add Attachment**

UPLOAD Drop file here

0/4000

**POST**

**Bryan Jennings** 2/5/2024 • 5:15 PM

Hello all! Even though this didn't go through Managerial Review, I wanted to share that we got great feedback on the new PO formatting. People are really pleased that it not only matches our company styling and branding more, but they said it is a lot more intuitive and easy to use. So KUDOS to the team, great job everyone. Sounds like we might have some more exciting changes coming in future documents as well...

**Bryan Jennings** 2/5/2024 • 5:10 PM

I have already updated the company files and am sending out a company wide email now. Thank you everyone for the good collaboration and insight on this project!

**Mina Ebner** 2/5/2024 • 5:09 PM

I think this looks great! Let's go ahead and ship this and update our documentation. We also need to send out a company note letting all employees know this is the new purchase order we will be using from now on!

**Bryan Jennings** 2/5/2024 • 5:08 PM

I am adding an updated version with all of the changes mentioned here for a final review. Please let me know your final thoughts!

PO 2.pdf Download • 38.3kB

**Bryan Jennings** 2/5/2024 • 4:44 PM

As of now, there is no intention for an Upper Managerial review, but it is definitely something we can consider. I think our Invoice should definitely go through that review, but our Purchase Order is less important in my eyes.

**James Ryan** 2/5/2024 • 4:43 PM

# New KPI Component

Quickly take your existing record data and display it in a **meaningful, easily digestible** way.

```
a!kpiField()
```

```
{
```

*data:*

*primaryMeasure:*

*primaryText:*

*icon:*

*secondaryMeasure:*

*secondaryText:*

*template:*

*trendFormat:*

*trendIcon:*

*trendColor:*

*size:*

```
}
```

**OF\_KpiHeader** DESIGN EXPRESSION

Interface Definition

```
6 + alkpiField(  
7   data: recordType!Order_Submission ,  
8   primaryMeasure: a!measure(  
9     function: "SUM",  
10    field: Order_Submission.orderDetail.cost ,  
11    filters: a!queryLogicalExpression(↔),  
12    formatValue: "DOLLAR"  
13  ),  
14  primaryMeasureColor: cons!OF_ACCENT_COLOR ,  
15  secondaryMeasure: a!measure(  
16    function: "SUM",  
17    field: Order_Submission.orderDetail.cost ,  
18    filters: a!queryLogicalExpression(↔),  
19    formatValue: "DOLLAR"  
20  ),  
21  primaryText: "2023 Revenue",  
22  icon: "usd",  
23  iconStyle: "STAMP",  
24  trendFormat: "DOLLAR",  
25  template: "COMPACT",  
26 )
```

EDIT PREVIEW PERFORMANCE

2023 Revenue  
**\$186,283.25**  
↓ \$3,418.84 (-2%)

2022 Revenue  
**\$186,283.25**  
↑ \$18,221.80 (+11%)

2021 Revenue  
**€186,283.25**

**alkpiField** data, primaryMeasure, primaryText, icon, helpTooltip, align, accessibilityText, tooltip, showWhen, secondaryMeasure, trend, trendFormat, trendIcon, trendColor, secondaryText, iconColor, primaryTextColor, primaryMeasureColor, secondaryTextColor, iconStyle, template, refreshAlways, refreshInterval, refreshOnReferencedVarChange, refreshOnVarChange, refreshAfter, size

Displays a key performance indicator and an optional trend using a record type as the data source.

**data** (Any Type): Reference to the record type used as the source of the KPI. Can accept a!recordData() or a record type reference.

**primaryMeasure** (Measure): Determines the numerical values shown in the KPI, configured using a!measure(). By default, a count of records is displayed.

**primaryText** (Text): The main text that identifies or describes the primary measure.

**icon** (Text): Icon to display next to the primary text. See the [documentation for available icons](#).

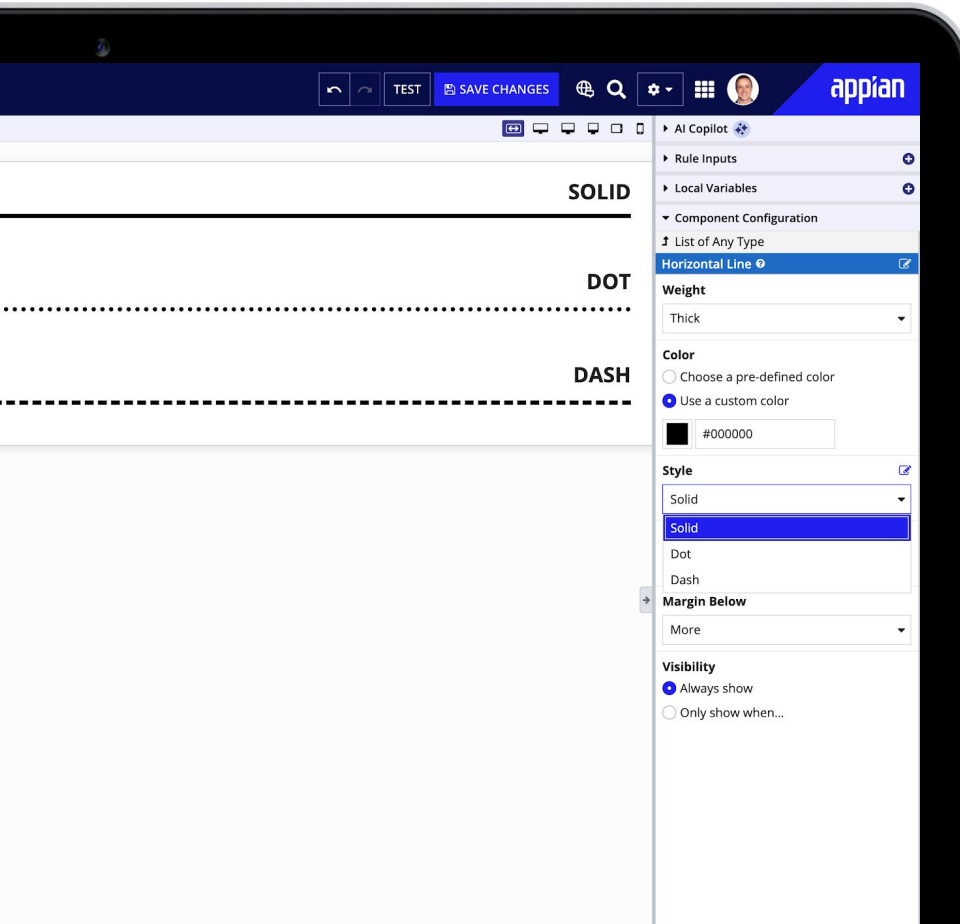
**helpTooltip** (Text): Displays a help icon with the specified text as a tooltip.

**align** (Text): Determines alignment of the text on the KPI. Valid values: "START" (default), "CENTER", "END".

**accessibilityText** (Text): Additional text to be announced by screen readers. Used only for accessibility; produces no visible change.

**tooltip** (Text): Text to display when a user hovers over (web) or long presses (mobile) the KPI. You can use the fv!primaryMeasure and fv!secondaryMeasure variables as part of an expression defining the tooltip.

# Add Style to Horizontal Lines



Style your lines as **dots**, **dashes**, or **solid** to boost the beauty and usability of your interfaces.



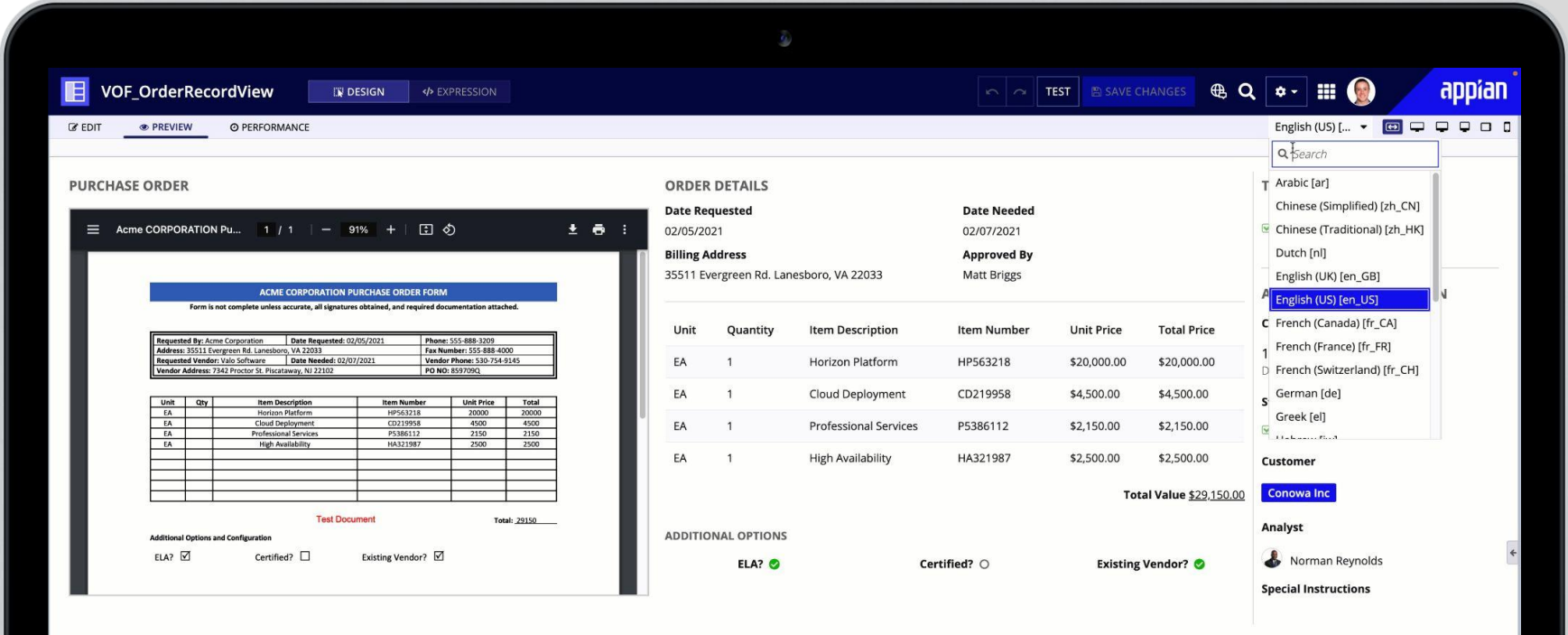
# Edit Instructions in Live View

You can now edit instructions directly in the live view of an interface in Design mode, just like you can with field labels!

The screenshot displays the Appian design tool interface in 'EDIT' mode for a form titled 'NZC\_ServiceRequest\_IssueDetails'. The interface is divided into several sections:

- Top Bar:** Includes navigation tabs for 'DESIGN' and 'EXPRESSION', along with buttons for 'TEST', 'SAVE CHANGES', and the Appian logo.
- Left Palette:** A 'Palette' sidebar with categories like 'COMPONENTS', 'PATTERNS', and 'DESIGN LIBRARY'. It lists various UI components such as 'Layouts', 'Inputs', and 'Selection'.
- Main Form Area:**
  - Request Type \*:** A field with two options: 'Service' and 'Repair'.
  - Short description of the issue \*:** A text input field.
  - Detailed description of the issue / maintenance done thus far \*:** A larger text input field with a 'Paragraph' dropdown menu and a character count of '0/2000'. Below the field is the instruction: 'Please include any trouble codes'.
  - Supporting Images:** A section with an 'UPLOAD' button and a 'Drop files here' area.
  - Inspection Documents:** A section with an 'UPLOAD' button and a 'Drop files here' area.
- Right Configuration Panel:** A sidebar for configuring the selected 'Paragraph' component.
  - Label:** 'Detailed description of the issue / main'
  - Label Position:** 'Default'
  - Instructions:** 'Please include any trouble codes'
  - Help Tooltip:** (Empty field)
  - Placeholder:** (Empty field)
  - Display Value:** 'riServiceRequest[recordType]NZC ...'

# Easily Test Interfaces in Supported Locales



# Add Dynamic Values to Translation Strings

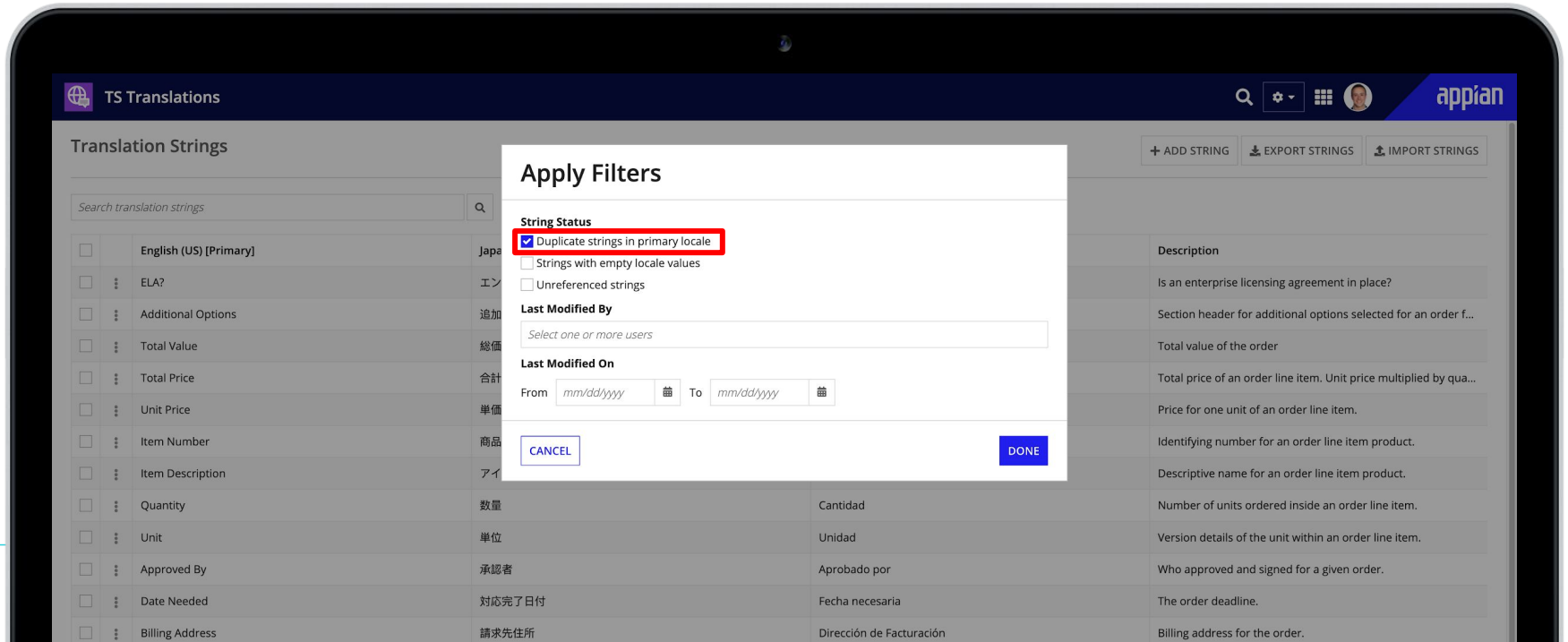
**Embed dynamic values** into translation strings to provide your users with more information and higher quality translations while fitting the unique grammar structure of any locale.

The screenshot displays the Appian VOF Translations interface. A modal dialog titled "Add Translation String" is open, allowing the user to add a new translation string. The "Value" field is highlighted with a red box and contains the text "Purchase Order Submitted on {date} by {userName}". The "Locale" is set to "English (US)". Below the value field, there is a "Description" and "Notes for Translator" field, both containing the text "Form header to display who submitted a purchase order and when they submitted it." The dialog also includes "CANCEL" and "ADD" buttons. In the background, a table of translation strings is visible, showing columns for the string ID, the string text, and the locale.

String ID	String Text	Locale
English (US) [Primary]	Purchase Order Submitted on {date} by {userName}	English (US)
Purchase Order		
Purchase Order		
Order Details		
Take Action		
Additional Information		
Completed On		
Due		
Status		
Customer	お客様	Cliente
Analyst	アナリスト	Analista
Special Instructions	特別な指示	Instrucciones Especiales
Date Requested	リクエスト日	Fecha solicitada

# Manage Duplicate Translation Strings

Within a translation set, you can **filter for duplicates** based on the primary locale to help you decide when to create new strings or use existing ones.

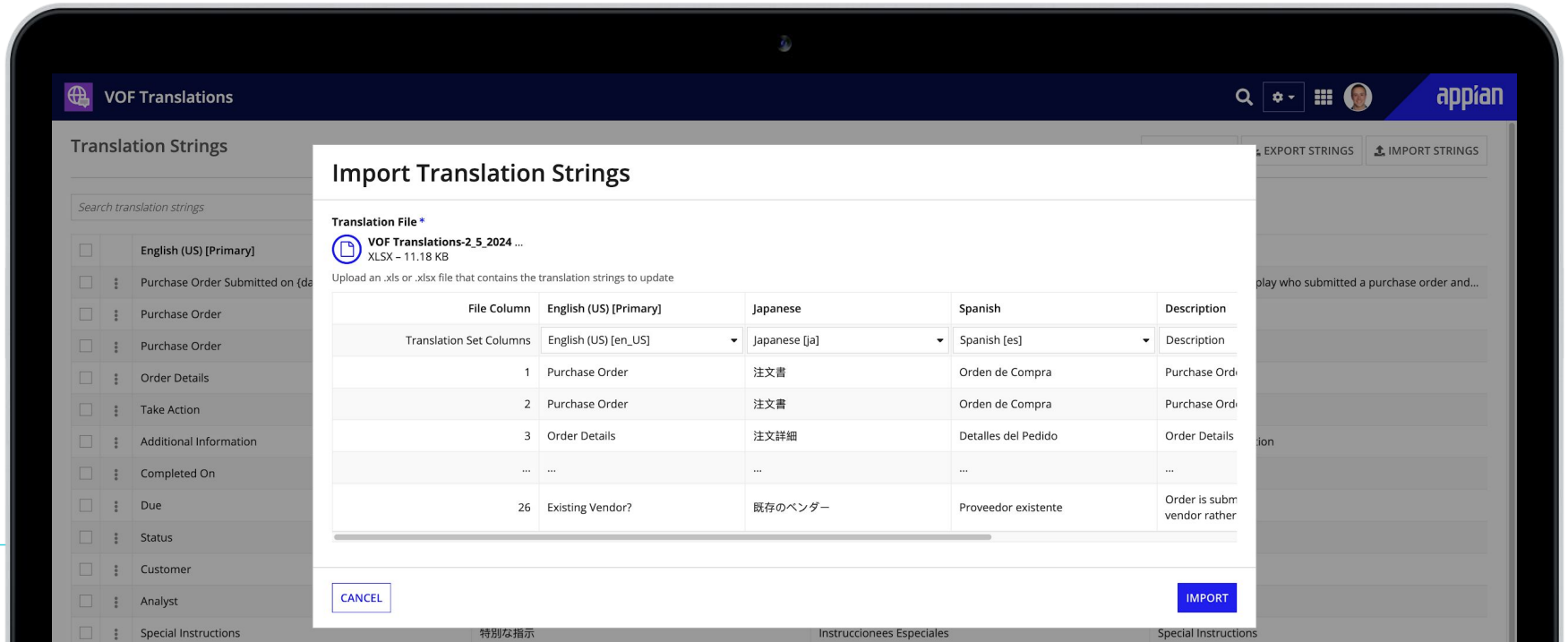


The screenshot displays the Appian 'TS Translations' interface. A modal dialog titled 'Apply Filters' is open in the center. The dialog has a 'String Status' section with three options: 'Duplicate strings in primary locale' (checked and highlighted with a red box), 'Strings with empty locale values', and 'Unreferenced strings'. Below this is a 'Last Modified By' field with a search icon and the text 'Select one or more users'. The 'Last Modified On' section includes 'From' and 'To' date pickers, both set to 'mm/dd/yyyy'. At the bottom of the dialog are 'CANCEL' and 'DONE' buttons. The background shows a table of translation strings with columns for locale, string ID, and description.

Locale	String ID	Description
English (US) [Primary]	ELA?	Is an enterprise licensing agreement in place?
English (US) [Primary]	Additional Options	Section header for additional options selected for an order f...
English (US) [Primary]	Total Value	Total value of the order
English (US) [Primary]	Total Price	Total price of an order line item. Unit price multiplied by qua..
English (US) [Primary]	Unit Price	Price for one unit of an order line item.
English (US) [Primary]	Item Number	Identifying number for an order line item product.
English (US) [Primary]	Item Description	Descriptive name for an order line item product.
English (US) [Primary]	Quantity	Number of units ordered inside an order line item.
English (US) [Primary]	Unit	Version details of the unit within an order line item.
English (US) [Primary]	Approved By	Who approved and signed for a given order.
English (US) [Primary]	Date Needed	The order deadline.
English (US) [Primary]	Billing Address	Billing address for the order.

# Import Translation Strings Asynchronously

Now, translation strings import **asynchronously**, so you can get back to work on your application while we update the translation set.



VOF Translations

Translation Strings

Search translation strings

English (US) [Primary]

Purchase Order Submitted on (date)

Purchase Order

Purchase Order

Order Details

Take Action

Additional Information

Completed On

Due

Status

Customer

Analyst

Special Instructions

VOF Translations-2\_5\_2024 ...  
XLSX - 11.18 KB

Upload an .xls or .xlsx file that contains the translation strings to update

File Column	English (US) [Primary]	Japanese	Spanish	Description
Translation Set Columns	English (US) [en_US]	Japanese [ja]	Spanish [es]	Description
1	Purchase Order	注文書	Orden de Compra	Purchase Order
2	Purchase Order	注文書	Orden de Compra	Purchase Order
3	Order Details	注文詳細	Detalles del Pedido	Order Details
...	...	...	...	...
26	Existing Vendor?	既存のベンダー	Proveedor existente	Order is submitted by vendor rather than customer

CANCEL

IMPORT

特別な指示

Instrucciones Especiales

Special Instructions

# Translation Set Improvements



Sorting



Compare Across  
Environments



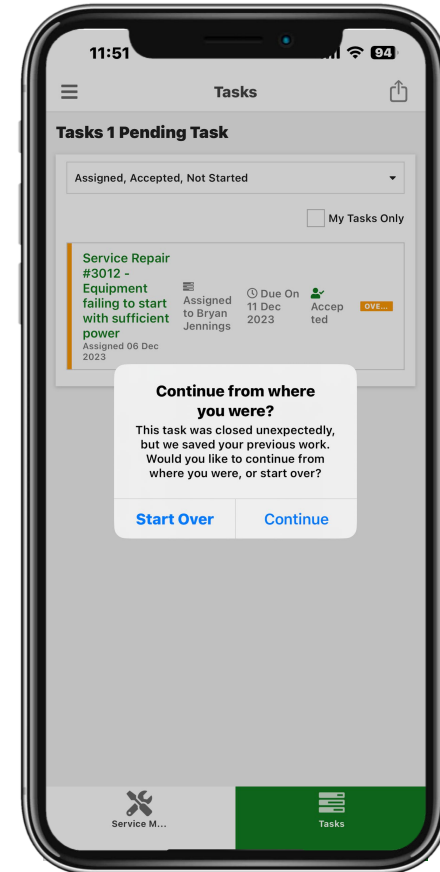
Enhanced  
Performance



Increased Limit  
from 1.5k to 5k

# Auto Recover Data in Offline Tasks

Users can now **automatically recover** offline tasks when they are closed unexpectedly, safeguarding user-entered data and minimizing the risk of data loss.



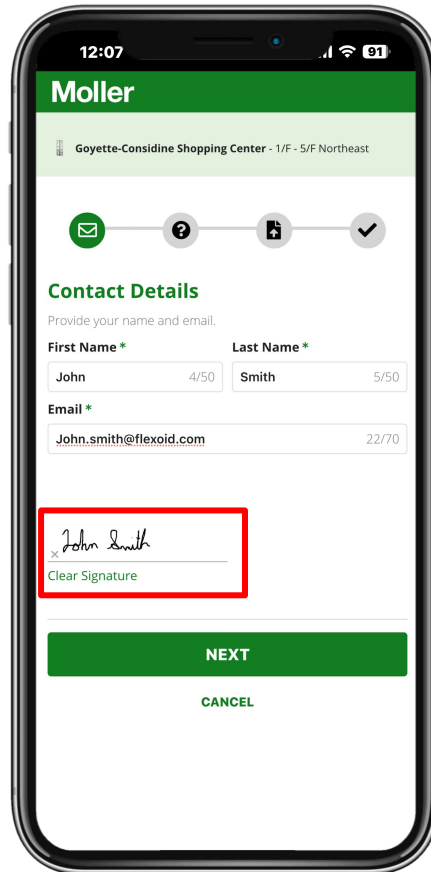
# Retry Option for Pending Offline Forms

We've added a new **retry** button to the Pending Forms list that users can tap to manually retry form submissions that were unsuccessful.





# Preview Signatures in Appian Mobile



# Automation

Louis Prensky | Sr Product Manager

# Streamline Integration of Robotic Tasks

The screenshot displays the Appian Process Modeler interface. The top navigation bar includes the Appian logo and the title "Appian Process Modeler". Below the navigation bar is a menu bar with options: File, Edit, View, Tools, Lanes. A toolbar contains various icons for workflow manipulation. The main workspace shows a workflow diagram for "OF Order Fulfillment v72.0". The workflow consists of the following steps: Start Order Processing (Start Event) -> Write Order (Script Task) -> AND (AND Gateway) -> Send Confirmation E-Mail (Script Task) -> Record Message (Script Task) -> End Event (End Event).

A configuration dialog titled "Configure Create Sales Order" is open, showing the "Setup" tab. The dialog includes the following sections:

- Select Robotic Task**
  - Robotic Task: OF\_SubmitNewCheckbookOrder
- Preferred Robot**
  - Use next available robot (recommended)
  - Execute on a specific robot
- Set Retries**
  - Set the number of retries upon execution failure, up to 5
  - Number of Retries: --- Select a Value ---

The dialog has "CANCEL" and "OK" buttons at the bottom.

The interface is divided into four vertical lanes on the left side:

- System**: Contains Script Task, AND, and SUBPROCESS.
- AI & Humans**: Contains Human Tasks (USER INPUT TASK), Activities (SCRIPT TASK, SUBPROCESS), and Events (END EVENT, RECEIVE MESSAGE, RULE, SEND MESSAGE, START EVENT, TIMER).
- API Connectors**: Contains Gateways (AND, COMPLEX, OR, XOR).
- RPA**: Contains Automation Smart Services (Data Services, Integration & APIs, AI Skills, Robotic Tasks, Business Rules, Analytics).

On the right side, there are three additional workflow diagrams:

- Diagram 1: Reconcile Extraction (Script Task) -> Write Business Event (Script Task).
- Diagram 2: AND (AND Gateway) -> Update Opportunity (Script Task) -> End Event (End Event).
- Diagram 3: Create Sales Order (Script Task) -> Write Business Event (Script Task) -> Complete (End Event).

# Manage Robots and Robot Pools with Ease

Seamlessly oversee and adjust your robot workforce without ever having to access Appian Designer.

The screenshot displays the Appian Operations Console interface for managing robots. The top navigation bar shows the Appian logo and 'Operations Console' with a user profile icon. Below the navigation, there are tabs for 'Robots' and 'Robot Pools'. The 'Robots' tab is active, showing a search bar and a status dropdown menu. Below these are five summary cards for robot statuses: Running (1), Online (2), Standby (0), Offline (1), and Disabled (1). A row of action buttons (CREATE, SECURITY, RESTART, DISABLE, ENABLE, DELETE) is visible. Below this is a table listing individual robots with columns for Name, Status, Memory Used, Disk Space Used, Robotic Task, and Started On. The table contains five rows of data for different robot types.

Name	Status	Memory Used	Disk Space Used	Robotic Task	Started On
AppointmentScheduler	RUNNING	4%	30%	ROA_ReportGeneration	01/11/2024 08:04:32
CustomerQueryHandler	ONLINE	6%	30%		
DataEntryAssistant	OFFLINE	0%	0%		
OrderFulfillment	DISABLED	0%	0%		
ReportGenerator	ONLINE	5%	30%		

# Enhanced Robot Security and Authentication

The screenshot displays the Appian Operations Console interface. At the top, the Appian logo is on the left, and 'Operations Console' with a user profile icon is on the right. Below the header, there are tabs for 'Robots' and 'Robot Pools'. The 'Robots' tab is active, showing a search bar and a 'Status' dropdown menu. A summary bar displays the following counts: Running (0), Online (0), Standby (1), Offline (0), and Disabled (0). Below this, there are buttons for 'CREATE', 'SECURITY', 'RESTART', 'DISABLE', 'ENABLE', and 'DELETE'. A table lists robots, with one entry 'test-resource-307' having a 'STANDBY' status. A 'Create Robot' dialog box is open in the foreground, showing the 'Robot Security' tab. The dialog contains the following text:

**Create Robot**

Robot Details    Robot Security    Manage Connection

You'll need to install files on the host machine to begin testing and recording robotic tasks. You can download the Installer and launch it now, or you can complete this step later.

- Copy robot key**  
Important: Copy the robot key now. You will not have another chance to view it.  
**Robot Key**  
74F2F48A916F0E00081DE262D1062016  
[COPY ROBOT KEY](#)  
The environment-wide setting to manually manage robot key rotation is currently active. You can write a custom script to retrieve robot keys for authenticating agents. [See documentation for details.](#)
- Make sure your host machine is ready for installation**  
[REVIEW PREREQUISITES](#)

**DONE**

# Extract Web Table Data via Task Recorder

The screenshot displays a web application interface for 'Legacy Checks' with a navigation menu including 'Personal Products', 'Business Products', 'Customer Service', and 'About'. The main content area is titled 'Orders' and features a search bar and a 'Create New Order' button. Below these is a table of orders with columns for 'Purchase Order #', 'Name', 'Amount', 'Created Date', and 'Status'. The table contains 11 rows of data, with most orders marked as 'Completed' and one as 'Cancelled'. At the bottom of the table are pagination controls: 'Previous', '1', '2', '3', '...', '23', and 'Next'.

Overlaid on the right side of the screen is the 'Applan Task Recorder' window, version 24.1, which lists a sequence of four actions: '1 Open browser', '2 Update value with username', '3 Update value with password', and '4 Click on login-btn'. Below the list is a section for 'Interact with elements to create actions' with a magnifying glass icon. At the bottom of the recorder window, it indicates 'Recording element interactions on Firefox' and provides a 'SELECT APPLICATION' dropdown and a 'DONE' button.

Purchase Order #	Name	Amount	Created Date	Status
5987647	Frances Key	\$ 19.99	Jan 27, 2024	Completed
5987646	Bentley Smith	\$ 25.99	Jan 27, 2024	Completed
5987645	Gary Black	\$ 19.99	Jan 27, 2024	Completed
5987644	Gemma Ngo	\$ 32.50	Jan 27, 2024	Completed
5987643	Greg Hammon	\$ 10.75	Jan 27, 2024	Completed
5987642	Mary Crespo	\$ 19.99	Jan 27, 2024	Completed
5987641	Kai Nakamura	\$ 9.99	Jan 26, 2024	Completed
5987640	Carmen H. Green	\$ 32.50	Jan 26, 2024	Completed
5987639	Henrik Andersen	\$ 35.50	Jan 26, 2024	Cancelled
5987638	Dai Li	\$ 5.45	Jan 25, 2024	Completed

# Improved Accuracy for AI Data Extraction

Reconcile Doc Extraction appian

### Edit Table: Line Items

Selected Table 1 / 1

Unit	Qty	Item Description	Item Number	Unit Price	Total
EA	1	InfinityLink Horizon	ILH-543289	\$749.99	\$749.99
EA	2	Swift ProBook	SPB-124567	\$1249.99	\$2499.98
EA	1	GuardSafe Shield	GSS-678901	\$799.99	\$799.99

### Line Items

Available fields: Unit, Quantity, Item, Item Sku, Unit Price, Line Price REMOVE ALL ROWS

Unit	Quantity	Item	Item Sku	Unit Price	Line Price	
EA	1	InfinityLink Horizon	ILH-543289	\$749.99	\$749.99	✕
EA	2	Swift ProBook	SPB-124567	\$1249.99	\$2499.98	✕
EA	1	GuardSafe Shield	GSS-678901	\$799.99	\$799.99	✕

[Add row](#)

[SELECT DIFFERENT TABLE](#) [CANCEL](#) [OK](#)

# Train Extraction Model from Previous Dataset

**SKS\_ExtractPurchaseOrder** SAVE CHANGES SEARCH APPIAN

### Published Model

**001** Status **85%** **13**  
Recall Documents  
1/30/2024 8:53 PM GMT+00:00  
bryan.jennings@appian.com

**Fields to Extract (14)**

- requestedBy
- dateRequested
- customerPhone
- customerFax
- customerAddress
- dateNeeded
- poNumber
- totalPrice
- approvedBy
- dateApproved
- ela
- certified
- existingVendor
- lineItems

**Metrics**

**Summary** 85% of fields were identified correctly.  
Learn about where this number comes from

By Field  
By Document

**History**

Published On	Last Trained On	Created On
1/30/2024 8:53 PM GMT+00:00 bryan.jennings@appian.com	1/30/2024 7:59 PM GMT+00:00 bryan.jennings@appian.com	1/30/2024 7:38 PM GMT+00:00 bryan.jennings@appian.com

### Unpublished Models

+ CREATE MODEL

No models



# New AI Skill for Generative AI

The screenshot displays the Appian interface for configuring a new AI skill named 'SKS\_CollectPII'. The page is titled 'Create & Test Prompt' and includes a 'SAVE CHANGES' button in the top right corner. The interface is divided into several sections:

- Prompt:** A text area containing the instruction: "I would like you to determine all PII (personally identifiable information) from a message body and output the result in a JSON format, including keys for the type and its value."
- Temperature:** A slider control set to 75. The scale ranges from 0 (Less Random) to 100 (Highly Random). The 0 end is labeled "Output will be more predictable and consistent", and the 100 end is labeled "Output will be more diverse and creative".
- Provide Examples:** A section with a blue tip: "The model can deliver more precise results when you provide example inputs and outputs. The inputs and outputs are specific to your use case." It contains two text areas: "Example Input" and "Example Output".
- Test Prompt:** A section for testing the prompt. It contains a "Test Input" text area with a sample insurance claim message and a "TEST" button.
- Output:** A section showing the JSON output for the provided test input.

**Example Input:**

My wife, Jan Doe, fell and broke her arm while we were traveling in Europe this past week. She was treated at the regional Paris Hospital which was the closest hospital to us. Because it was out of the country, we were immediately required to pay for the treatment that was provided and couldn't use insurance at the time. The total cost of the treatment came out to be \$12500. We were able to get in touch with her primary care doctor, Dr. Brown, as is required in our policy terms.

Our policy number is 28572034. I have enclosed the statements and receipts we acquired during this visit and hope that this can be resolved with our insurance helping cover the costs. If there are any further questions, please feel free to reach out to me: jstheodore@gmail.com or 456-384-0935. Thank you!

**Example Output:**

```
{
  "type": "name",
  "value": "Jane Doe"
},
{
  "type": "policyNumber",
  "value": "28572034"
},
{
  "type": "email",
  "value": "jane_doe@gmail.com"
}
```

**Test Input:**

I need to make a claim on my insurance (policy number 01954958) for a stolen car. As I mentioned in the phone call last week, my son (Bryan Jennings) car was stolen sometime over the night. He does park the car on the driveway and always locks it, so I am not sure how it was accessed and stolen. The estimated value of his car is about \$43,000 as it is a 2020 Ford F-150.

I woke up in the morning and found it gone and realized he was still home, and so immediately called the police and also made sure to contact the insurance per the policy terms. My son can be reached at bryan.jennings@gmail.com or at 867-295-5549. We hope this can be resolved quickly as this was a very nice truck!

**Output:**

```
{
  "type": "policyNumber",
  "value": "01954958"
},
{
  "type": "name",
  "value": "Bryan Jennings"
},
{
  "type": "email",
  "value": "bryan.jennings@gmail.com"
},
{
  "type": "phone",
  "value": "867-295-5549"
}
```

# Data Fabric

Lisa Graham | Sr Product Manager II

# High Volume Record Data Availability

Dynamically sync your **latest 4 million rows**! Simply select a field to specify which data is the latest and Appian will manage keeping recent data in sync.

The screenshot displays the Appian user interface for the 'Order Submission' application. The top navigation bar includes the application name, a 'SAVE CHANGES' button, a search icon, a settings icon, a user profile icon, and the Appian logo. A left-hand sidebar lists various application components: DATA (Data Model, Events, Sync Options, USER EXPERIENCE (List, Filters, Views, Actions, Workspaces), SECURITY (Record-Level Security, Views and Actions Security), and MONITORING (Performance, Sync History). The main content area is titled 'Sync Options' and features a success notification: 'Full sync succeeded' with a green checkmark and the text 'Finished At: 1/30/2024 3:00 AM' and a 'START FULL SYNC' button. Below this, the 'Sync All Records' section is active, showing a checked checkbox for 'Schedule full syncs' and a time selector set to '3 : 00 AM (UTC) Greenwich Mean Time (GMT)'. The 'Sync Changed Records' section includes options for 'Generate Web APIs' and 'Add Web API URL to Source'. A red rectangular box highlights the 'Keep data available at high volumes' checkbox, which is checked, and the text 'Sync only the latest 4 million rows of data to avoid exceeding the row limit'. Below this, a dropdown menu shows 'orderDate' as the selected field.

**Order Submission** SAVE CHANGES SEARCH SETTINGS USER **appian**

## Sync Options

By default, any changes written by Appian will be immediately synced. To sync data changed by other systems besides Appian, configure the settings below. [Learn more](#)

✓ **Full sync succeeded**  
Finished At: 1/30/2024 3:00 AM START FULL SYNC

### Sync All Records

**Schedule full syncs**  
Sync all of your source data once each day at the specified time

3 : 00 AM (UTC) Greenwich Mean Time (GMT)

**Keep data available at high volumes**  
Sync only the latest 4 million rows of data to avoid exceeding the row limit

orderDate ×

**Skip failed syncs**  
If a sync fails, the record type will use data from the last successful sync and remain available to users

### Sync Changed Records

**Generate Web APIs**  
Generate one or more web APIs to specify which records to sync when data is changed by another system. [Learn more](#)

[+ GENERATE WEB API](#)

**Add Web API URL to Source**  
Add the generated web API URL to the source system to notify Appian of data changes

[VIEW WEB APIS](#)

# Identify Record Data at a Glance

**NZC\_CloseCase** DESIGN EXPRESSION

EDIT PREVIEW PERFORMANCE English (US) [...]

**Close Case**

This action will close case **Discovery on Process Improvement**. Enter closing comments before closing the case.

**Comments \***

Closing this case as all requirements have been met and we were able to successfully improve the processes within our plant by increasing efficiency by 25%.

⚠ There is 1 completed task out of 4 associated with this case. All unfinished tasks will be skipped.

**Rule Inputs**

Name	Value
case	[NZC Case id=119,...
id	119
caseName	Discovery on Proc...
caseDescrip...	There seems to b...
caseTypeld	3
statusId	4
priorityId	2
creatorPlant...	25
createdOn	4/25/2022 12:41 P...
createdBy	maria.silva
totalTaskGr...	2
completedT...	0
isComplete	false
totalComme...	0
totalEvents	2
totalTasksC...	4
completedT...	1
taskGroup (...)	[[NZC Task Group ...
caseType	[NZC Case Type id...
utilityPlant	[NZC Plant plantid...
cancel	false
comment	[NZC Comment co...
comment	Closing this case a...
caseId	119

Local Variables

Component Configuration

CANCEL CONFIRM

# Improved Process History Formatting

The screenshot displays the Appian Process Modeler interface, specifically the 'Process Details' view for a process named 'NZC Create Case'. The 'Process History' tab is active, showing a list of process events. The 'Properties' column for each event is formatted with a tree structure, making it easier to read nested data.

Date Time	Object	Action	Actor	Properties
1/30/2024 11:54 AM	New Case: Consolidate Shipping Routes with Regional Plants	Start	sam.knecht@appian.com	-
1/30/2024 11:54 AM	case	Modify Variable	sam.knecht@appian.com	<ul style="list-style-type: none"><li>caseTypeId 1 (Number (Integer))</li><li>caseName "Consolidate Shipping Routes with Regional Plants" (Text)</li><li>priorityId 3 (Number (Integer))</li><li>caseDescription "In an effort to cut down on total emissions" (Text)</li><li>statusId 1 (Number (Integer))</li><li>createdOn 1/30/2024 11:54 AM EST (Date and Time)</li><li>createdBy "sam.knecht@appian.com" (Text)</li></ul>
1/30/2024 11:54 AM	taskGroups	Modify Variable	sam.knecht@appian.com	-
1/30/2024 11:54 AM	taskGroups	Modify Variable	sam.knecht@appian.com	<ul style="list-style-type: none"><li>List of NZC Task Group - 3 items<ul style="list-style-type: none"><li>NZC Task Group<ul style="list-style-type: none"><li>order 1 (Number (Integer))</li><li>name "Regional Plant Decision" (Text)</li><li>isReturnToCreator true (Boolean)</li><li>id 521620 (Number (Integer))</li></ul></li><li>NZC Task Group<ul style="list-style-type: none"><li>name "Regional 5 Documentation" (Text)</li></ul></li></ul></li></ul>
1/30/2024 11:54 AM	tasks	Modify Variable	sam.knecht@appian.com	-
1/30/2024 11:54 AM	tasks	Modify Variable	sam.knecht@appian.com	<ul style="list-style-type: none"><li>List of NZC Task - 5 items<ul style="list-style-type: none"><li>NZC Task<ul style="list-style-type: none"><li>name "Zuguan Review" (Text)</li><li>taskAssigneeType "POM" (Text)</li><li>plantId 5 (Number (Integer))</li><li>requiredDuration 3 (Number (Integer))</li><li>taskGroupid 521620 (Number (Integer))</li><li>id 521620 (Number (Integer))</li></ul></li></ul></li></ul>
1/30/2024 11:54 AM	Start Node	Start	System	-
1/30/2024 11:54 AM	Start Node	Complete	System	-
1/30/2024 11:54 AM	Cancel?	Start	System	-

# More Flexibility in How You Write Records

The output now preserves all of your input data - no need to requery!

The screenshot displays the Appian Process Modeler interface for a process named "OF Order Fulfillment v72.0". The interface includes a top menu bar with "File", "Edit", "View", "Tools", and "Lanes". Below the menu is a toolbar with various icons for navigation and editing. The main workspace shows a process flow diagram with activities like "Start Order Processing" and "Write Records". A central dialog box titled "Configure Write Records" is open, showing the "Data" tab. The dialog has tabs for "General", "Setup", "Data", "Forms", "Scheduling", "Assignment", "Escalations", "Exceptions", and "Other". Under the "Data" tab, there are "Inputs" and "Outputs" sections. The "Node Outputs" section is expanded, showing a "New Custom Output" button and a list of results: "Records Updated (Any Type)", "Error Occurred (Boolean)", and "Error (Text)". The "Custom Outputs" section is currently empty. The "Result Properties" section shows a "Result" of "ACIRecordsUpdated", an "Operator" of "is stored as", and a "Target" of "order". The background shows a process flow diagram with activities like "Reconcile Extraction", "Write Business Event", "AND", "Update Opportunity", and "End Event".

# Monitor & Improve Your Record Queries

The screenshot shows the Appian Designer interface with the 'Query Performance' tab selected. The top navigation bar includes 'Appian Designer', a search bar for objects, and the Appian logo. The main content area is titled 'Capture Query Performance' and contains a table of query performance data. A sidebar on the left provides filters for Query ID, Query Start Time, Query Execution Time, Query Wait Time, Started By, Evaluation ID, Component, Interface, Expression Rule, Record Type, and Error Code.

### Capture Query Performance

Capture information about queries to record types in your environment. In production environments, only enable this setting if you are actively troubleshooting.

Query ID	Start Time	Execution Time (ms)	Wait Time (ms)	Started By	Evaluation ID	Interface	Expression Rule	Record Type
6698c67d-e544-42...	1/29/2024 8:15 PM	196	0	mina.ebner@appian.com	8c2fa231e895d913dd7473f6de29e84b	OF_Portal_OrderSubmissio...	OF_Portal_OrderSubmissio...	Order
01686d14-dd14-4b...	1/29/2024 8:14 PM	187	0	mina.ebner@appian.com	33db86f8b0b02005b9367d4185139f14	OF_GetOrderByld	OF_GetOrderByld	Order
a150c38f-9d5a-46...	1/29/2024 8:12 PM	188	0	matt.ryan@appian.com	4dd58245ff84933b02dad544a586ed5	OF_GetOrderByld	OF_GetOrderByld	Order
d886dbdb-78f6-4a...	1/29/2024 8:11 PM	287	0	lisa.smith@appian.com	9455b03674692ff6601f56791865f5ac	OF_Portal_OrderSubmissio...	OF_Portal_OrderSubmissio...	Order
701a48e4-9b3b-42...	1/29/2024 8:10 PM	208	0	matt.ryan@appian.com	912e50da878534fa0a8ed73e3a231a59	OF_GetOrderByld	OF_GetOrderByld	Order
ff76e3b7-0931-4e...	1/29/2024 8:09 PM	211	0	mina.ebner@appian.com	1af2e1ccaf4d7439946f39bcd37a73c0	OF_GetOrderByld	OF_GetOrderByld	Order
cba8262d-14cf-45...	1/29/2024 7:57 PM	8	0	keith.wagner@appian.com	ef37af6391b4affaa401d9a795563ff2			Order
d70c3996-15bb-4e...	1/29/2024 7:57 PM	9	0	keith.wagner@appian.com	ff5c2697a3c705dbbfe8877f1739ed1			Order
9e06f3f8-23fe-4f...	1/29/2024 7:54 PM	7	0	mina.ebner@appian.com	a15ca0d13a8de71b511e6e8f9c313cbd			Order
bda9d69-75d5-41...	1/29/2024 7:53 PM	8	0	matt.ryan@appian.com	f4e50413da001815ac850116331d8f83			Order
bb406ef2-6ed0-46...	1/29/2024 7:53 PM	8	0	lisa.smith@appian.com	33b22820654a20198dd39bf976530814			Order
570f2ab6-a013-4c...	1/29/2024 7:50 PM	58	0	lisa.smith@appian.com	68e4aacf89e483e7db429fb54bb002a9	OF_CommunicationCenter	OF_GetMessages	OF Me
05fb10b8-1771-42...	1/29/2024 7:50 PM	91	0	mina.ebner@appian.com	68e4aacf89e483e7db429fb54bb002a9			Order
16979f59-f884-49...	1/29/2024 7:50 PM	199	0	mina.ebner@appian.com	317fe8a1216e75af7f9ca2ba05d3412	OF_GetOrderByld	OF_GetOrderByld	Order
4c2fa24e-2d38-4b...	1/29/2024 7:50 PM	204	0	matt.ryan@appian.com	db5d24be25ad9799d08c9c6631153de5	OF_GetOrderByld	OF_GetOrderByld	Order
a25fe501-9a5f-48...	1/29/2024 7:50 PM	44	0	lisa.smith@appian.com	098614bbe5a908425f4c2c5d04158f4a	OF_OrderSubmissionSummar...	OF_OrderSubmissionSummar...	Order
310d1fe7-9827-42...	1/29/2024 7:50 PM	153	0	matt.ryan@appian.com	098614bbe5a908425f4c2c5d04158f4a	OF_OrderSubmissionSummar...	OF_OrderSubmissionSummar...	Order
2014661c-da07-43...	1/29/2024 7:50 PM	746	0	lisa.smith@appian.com	098614bbe5a908425f4c2c5d04158f4a	OF_GetOrderByld	OF_GetOrderByld	Order

# JDBC Connected System Templates

After your JDBC driver is successfully **deployed**, your template appears in the pick-list dialog.

Now you can **quickly locate** and **connect** to your desired source system with fewer steps.

The image shows two overlapping screenshots of the 'Create Connected System' dialog. The top screenshot shows a search bar and a grid of system templates: HTTP, OpenAPI, Amazon Machine Learning, and Aurora MySQL Data Source. The bottom screenshot shows the 'Custom Snowflake Data Source' template selected in a pick-list on the right. The pick-list also includes Google Cloud Translation, MariaDB Data Source, and Oracle Data Source. The 'Custom Snowflake Data Source' template is highlighted with a red box. The main form area contains the following fields:

- Name \***: JCS
- Description**: (empty text area)
- Custom Snowflake Data Source Configuration**
  - Connection URL \***: (empty text area)
  - Username \***: (empty text area)
  - Password \***: (empty text area)

At the bottom of the form are buttons for 'GO BACK', 'CANCEL', 'USE IN NEW INTEGRATION', and 'CREATE'.



# More Supported Data Sources

Appian now supports **more** connected data sources.

- PostgreSQL 15
- SQL Server 2022



# Self-Service Analytics

# Enable Records for Self-Service Analytics

**Order Submission** [🔗](#) SAVE CHANGES 🔍 ⚙️ ☰ 👤 **appian**

**DATA**  
Data Model  
Events  
Sync Options

**USER EXPERIENCE**  
List  
Filters  
Views  
Actions

**Workspaces**

Allow end users to view this record type in self-service analytics or Tempo. Users must also have at least Viewer permissions to this record type. [Learn more](#)



**Self-Service Analytics**  
 Show this record type as a dataset in self-service analytics

**Tempo**  
 Show this record type on the Records tab in Tempo

Users won't see this record type on the Records tab in Tempo, but they can still navigate directly to the record list at this URL: <https://24-1.appianpreview.com/suite/tempo/records/type/TLydw/view/all>

**Icon** [?](#)  
 Default  Custom

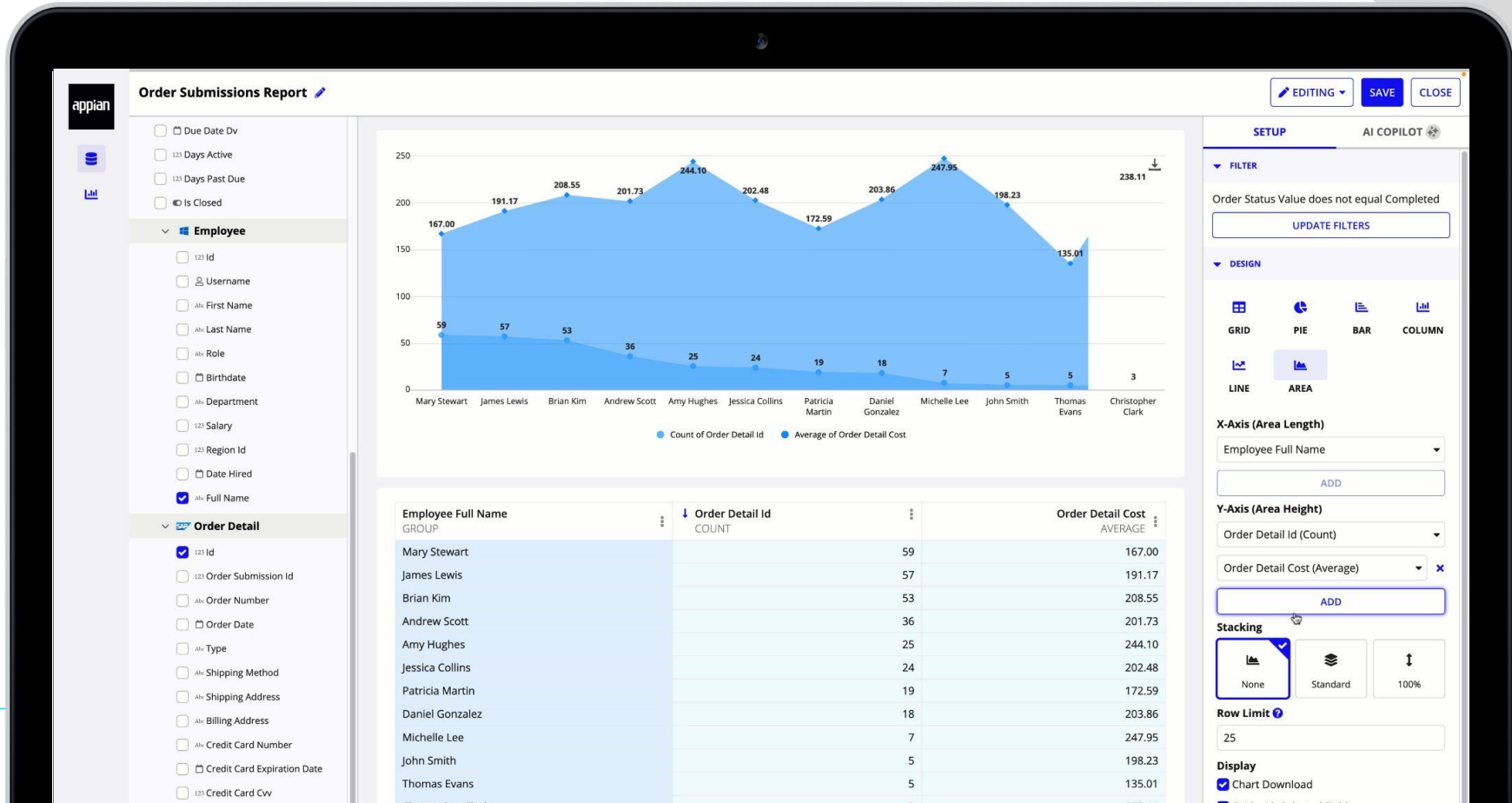
**Icon Color** [?](#)  
 Default  Hex code  Expression

  #2322f0

**SECURITY**  
Record-Level Security  
Views and Actions Security

**MONITORING**  
Performance  
Sync History

# Multiple Groupings & Measures for Charts



# Report Builder Configurations

**Order Submissions Report**

Due Date Dv  
 Days Active  
 Days Past Due  
 Closed

**Employee**

- Id
- Username
- First Name
- Last Name
- Role
- Birthdate
- Department
- Salary
- Region Id
- Date Hired
- Full Name

**Order Detail**

- Id
- Order Submission Id
- Order Number
- Order Date
- Type
- Shipping Method
- Shipping Address
- Billing Address
- Credit Card Number
- Credit Card Expiration Date
- Credit Card Cvv
- Ship Date
- Tracking Number
- Cost

**Order Priority**

**Order Status**

**Salesforce Opportunity**

**Order Submissions Report**

Thomas Evans 5  
John Smith 5  
Christopher Clark 3  
Michelle Lee 7  
Daniel Gonzalez 18  
Patricia Martin 19  
Jessica Collins 24  
Amy Hughes 25  
Andrew Scott 36  
Brian Kim 53  
Mary Stewart 59  
James Lewis 57

Employee Full Name	Order Detail Id	Order Detail Cost
GROUP	COUNT	AVERAGE
Mary Stewart	59	167.00
James Lewis	57	191.17
Brian Kim	53	208.55
Andrew Scott	36	201.73
Amy Hughes	25	244.10
Jessica Collins	24	202.48
Patricia Martin	19	172.59
Daniel Gonzalez	18	203.86
Michelle Lee	7	247.95
John Smith	5	198.23
Thomas Evans	5	135.01
Christopher Clark	3	238.11

12 Items

**EDITING** **SAVE** **CLOSE**

**SETUP** AI COPILOT

**FILTER**

Order Status Value does not equal Completed

UPDATE FILTERS

**DESIGN**

GRID PIE BAR COLUMN

LINE AREA

**Sliced By**

Employee Full Name

**Value**

Order Detail Id (Count)

**Style**

Donut Pie

**Row Limit**

25

**Display**

Chart Download

Grid with Selected Fields

**COLOR**

# Save Reports

## Order Submissions Report ✎

EDITING ▾
SAVE
CLOSE

Your report has been saved to the Library

IS ACTIVE

Due Date Dv

123 Days Active

123 Days Past Due

Is Closed

Employee
▾

123 Id
   
 Username
   
 Afx First Name
   
 Afx Last Name
   
 Afx Role
   
 Birthdate
   
 Afx Department
   
 123 Salary
   
 123 Region Id
   
 Date Hired
   
 Afx Full Name

Order Detail
▾

123 Id
   
 123 Order Submission Id
   
 Afx Order Number
   
 Order Date
   
 Afx Type
   
 Afx Shipping Method
   
 Afx Shipping Address
   
 Afx Billing Address
   
 Afx Credit Card Number
   
 Credit Card Expiration Date

Employee Full Name	Count of Order Detail Id	Average of Order Detail Cost
Mary Stewart	59	167.00
James Lewis	57	191.17
Brian Kim	53	208.55
Andrew Scott	36	201.73
Amy Hughes	25	244.10
Jessica Collins	24	202.48
Patricia Martin	19	172.59
Daniel Gonzalez	18	203.86
Michelle Lee	7	247.95
John Smith	5	198.23
Thomas Evans	5	135.01
Christopher Clark	3	238.11

**SETUP** AI COPILOT ✎

**FILTER**

Order Status Value does not equal Completed

UPDATE FILTERS

**DESIGN**

GRID  
 PIE  
 BAR  
 COLUMN

LINE  
 AREA

**X-Axis (Area Length)**

Employee Full Name

ADD

**Y-Axis (Area Height)**

Order Detail Id (Count)

Order Detail Cost (Average) ✕

ADD

**Stacking**

None

Standard

100%

**Row Limit** ?

100

**Display**

Chart Download

Employee Full Name GROUP	Order Detail Id COUNT	Order Detail Cost AVERAGE
Mary Stewart	59	167.00
James Lewis	57	191.17
Brian Kim	53	208.55
Andrew Scott	36	201.73
Amy Hughes	25	244.10
Jessica Collins	24	202.48
Patricia Martin	19	172.59
Daniel Gonzalez	18	203.86
Michelle Lee	7	247.95
John Smith	5	198.23
Thomas Evans	5	135.01

# Report Library


appian

## Report Library


View, edit, and share your reports, or explore reports shared with you




### Recently Opened

⋮


**Order Revenue per Region in 2023**  
You opened moments ago

⋮


**Orders Received Over Time**  
You opened in the past hour

⋮

**Vehicles Requiring Most Maintenance**  
You opened in the past hour






⋮

**Maintenance Report by Make**  
You opened in the past hour

⋮

**Employee Order Workload**  
You opened in the past hour

### Reports

All	Created by Me	Shared with Me
<input type="text" value="Search reports"/>		
LAST MODIFIED ▾ <input type="text" value="Last modified by"/>		
Name	Description	Last Modified
 <a href="#">Order Revenue per Region in 2023</a>	Report that displays the order revenue per region in 2023.	<a href="#">Bryan Jennings</a> 2/1/2024 3:27 PM
 <a href="#">Orders Received Over Time</a>	A report that shows the number of orders received over time to track growth.	<a href="#">Bryan Jennings</a> 2/1/2024 3:24 PM
 <a href="#">Employee Order Workload</a>	Report that shows an employees active order workload and average order cost.	<a href="#">Bryan Jennings</a> 2/1/2024 2:46 PM
 <a href="#">Vehicles Requiring Most Maintenance</a> <span data-bbox="537 869 556 880">⋮</span>		<a href="#">Paula Dunkirk</a> 1/31/2024 7:18 PM
 <a href="#">Maintenance Report by Make</a> <span data-bbox="488 923 508 934">⋮</span>	Number of maintenance tickets by car make	<a href="#">Paula Dunkirk</a> 1/31/2024 6:58 PM

5 items

# Share Reports

The screenshot displays the Appian Report Library interface. At the top left is the Appian logo. The main heading is 'Report Library' with a subtitle 'View, edit, and share your reports, or explore reports shared with you'. Below this is a 'Recently Opened' section containing five report cards: 'Order Revenue per Region in 2023', 'Orders Received Over Time', 'Vehicles Requiring Most Maintenance', 'Maintenance Report by Make', and 'Employee Order Workload'. Each card includes a report icon, title, and a note that it was opened in the past hour. Below the 'Recently Opened' section is a 'Reports' section with tabs for 'All', 'Created by Me', and 'Shared with Me'. The 'Created by Me' tab is active. A search bar and a 'LAST MODIFIED' dropdown are present. A table lists reports with columns for Name, Description, and Last Modified. A context menu is open over the first report, showing options: 'Open in a new tab', 'Duplicate', 'Share', and 'Delete'. The 'Share' option is highlighted.

**appian** Report Library

View, edit, and share your reports, or explore reports shared with you

Recently Opened

- Order Revenue per Region in 2023**  
You opened in the past hour
- Orders Received Over Time**  
You opened in the past hour
- Vehicles Requiring Most Maintenance**  
You opened in the past hour
- Maintenance Report by Make**  
You opened in the past hour
- Employee Order Workload**  
You opened in the past hour

Reports

All **Created by Me** Shared with Me

Search reports LAST MODIFIED Last modified by

Name	Description	Last Modified
<b>Order Revenue per Region in 2023</b>	Report that displays the order revenue per region in 2023.	Bryan Jennings 2/1/2024 3:33 PM
<b>Orders Received Over Time</b>	A report that shows the number of orders received over time to track growth.	Bryan Jennings 2/1/2024 3:24 PM
<b>Employee Order Workload</b>	Report that shows an employees active order workload and average order cost.	Bryan Jennings 2/1/2024 2:46 PM

- Open in a new tab
- Duplicate
- Share**
- Delete



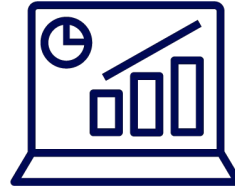
# Beta Programs

Elizabeth Hall | Senior Beta Program Manager

# Process HQ Beta Program



Feedback from **30+**  
customers and partners



**700,000+ days** of cycle time  
delays uncovered

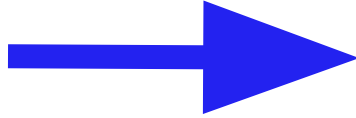
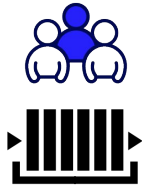


Use **record events** and **data fabric** in your applications.  
**Click the popup** on the screen to learn more.

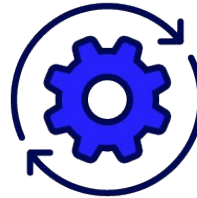
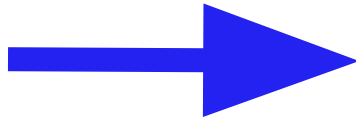
# Elastic Process Execution

Beta program automation processes officially launched on February 1, 2024.

**Scale up:** Higher process execution throughput



**Scale down:** Lower resource consumption



# Enterprise-Grade

# Azure AD Authentication for SQL Server

You can now use Azure Active Directory password and service principal authentication methods for connecting to SQL Server.

The screenshot shows the Appian interface with a modal dialog titled "Create Connected System" for a "SQL Server Data Source". The dialog includes the following fields and options:

- Name \***: SQL Server Data Source
- Description**: (Empty text area)
- SQL Server Data Source Configuration**
  - Connection URL \***: :our\_user@yourdomain.com;password=your\_password;authentication=ActiveDirectoryPassword
  - Example: jdbc:sqlserver://yourserver.example.com:1433;databaseName=your\_db\_name
  - Username \***: sample.user
  - Password \***: (Masked with dots)
  - Maximum Connection Pool Size**: 100

The background interface shows the "Order Fulfillment" application with sections for "Explore Your Application", "SITES AND PORTALS", "RECORD TYPES", and "PROCESS MODELS". The Appian logo is visible in the top right corner.

# Upload Plugins via the Admin Console

Cloud and self-managed customers can now deploy plugins from the Admin Console. Cloud customers are required to receive approval for private plugins.

The screenshot displays the Appian Administration Console interface. The top navigation bar includes the Appian logo, user profile, and utility buttons for EXPORT, IMPORT, and search. The left sidebar lists various system settings under categories like SYSTEM, AUTHENTICATION, and DEVOPS. The main content area is titled 'Plug-ins' and contains a search bar, a version status dropdown, and buttons for 'ADD NEW PLUG-INS' and 'COMPARE ACROSS ENVIRONMENTS'. A modal dialog titled 'Add New Plug-ins' is open, showing two tabs: 'Appian AppMarket Plug-ins' and 'Direct Upload'. The 'Direct Upload' tab is active, displaying a file named 'documentFromDyna...' (JAR - 36.42 MB) with a 'DEPLOY' button. Below the file, a warning message states: 'All plug-ins are use-at-your-own-risk, and their functionality is not guaranteed by Appian. All plug-ins should be tested thoroughly. For more details about individual plug-ins, visit the Appian AppMarket.' A link to 'Cloud Deployment Guidelines' is provided for submission and approval.

# Secure Multi-Factor Authentication

The screenshot displays the Appian Administration Console interface. The top navigation bar includes the Appian logo, 'EXPORT' and 'IMPORT' buttons, a search icon, and a user profile icon. The left sidebar lists various administration categories such as File Upload, Internationalization, Mobile, Permissions, Plug-ins, Portals, Sign-in Page Links, Typefaces, User Start Pages, AUTHENTICATION, Appian, LDAP, Maintenance Window, OpenID Connect, PIEE, SAML, Users, Web API Authentication, DEVOPS, Deployment, Health Check, Infrastructure, INTEGRATION, AI Services, Certificates, Data Sources, Email, Embedded Interfaces, HTTP Proxy, Legacy Web Services, and Logging.

The main content area is titled 'Password Expiration' and contains several configuration options:

- Expire Passwords**
- Maximum Password Age (Days) \***: 365 (How long a user can keep a password before it must be changed)
- Warn Users Before Password Expiration**
- Expire Temporary Passwords**
- Maximum Temporary Password Age (Minutes) \***: 10080 (The number of minutes after which to expire a temporary password)

The next section is 'Forgot Password':

- Enable Forgot Password from Sign-In Page**
- When enabled, a link will appear on the Appian sign-in page that allows users who have forgotten their password to send themselves a password reset email. Only users authenticating through Appian (not LDAP or SAML) will receive password reset emails. Passwords are not reset until the link is followed and the password reset form completed, meaning a user cannot reset another user's password.
- Password Reset Link Duration (Minutes) \***: 120 (The maximum allowed value is 1440 (24 hours). The minimum allowed value is 1. Changes to this value are applied retroactively to existing links.)

The 'Multi-Factor Authentication' section is highlighted with a red box:

- Enable Multi-Factor Authentication**
- Only applies to Appian authentication.
- Authentication Group @ \***: MFA Users X (The group of users who will need to authenticate using multi-factor authentication)

The final section is 'Account Locking':

- Lock Accounts After Failed Logins**
- Limiting a user account prevents the user from logging in. The user is otherwise considered "active", e.g. returned in user searches/pickers.
- Limit Number of Concurrent Sessions Per User Account**
- Deactivate Users Who Have Not Logged In Recently**
- Maximum Password Attempts \***: 6 (Number of failed login attempts after which a user's account will be temporarily locked)
- Password Attempt Reset Duration (Minutes) \***: 30 (Number of minutes after which to reset the failed password attempt counter)

# Custom Authentication Server for Web APIs

The screenshot displays the Appian Administration Console interface. The top navigation bar includes the Appian logo, 'EXPORT' and 'IMPORT' buttons, a search icon, and a user profile icon. The left sidebar contains a navigation menu with categories like SYSTEM, AUTHENTICATION, and DEVOPS. The main content area is titled 'Web API Authentication' and shows a modal dialog for adding a new OAuth 2.0 client.

**Appian Administration Console**

**Web API Authentication**

API Keys   Appian OAuth 2.0 Clients

Configure clients from third party OAuth 2.0

Active    Inactive    All

**ADD**   **DEACTIVATE**

Description

### Add New Third-Party OAuth 2.0 Client

**Description \***

Okta OAuth 2.0

Describe this OAuth client. This should be unique across your clients.

**Client ID \***

Ooab1234CdefGhijklm7

The client ID for this OAuth client

**Client ID Mapping \***

cid

The key for the claim that contains the client ID in the access token JWT

**Public Key Method**

JWKS URI    JWKS File Upload

**JWKS URI \***

https://your-okta-domain.okta.com/oauth2/default/v1/keys

The JWKS URI that returns the JWKS Set to verify access token signatures for the specified OAuth client

**Issuer Claim (iss) \***

https://your-okta-domain.okta.com

The value of the issuer (iss) claim in the access token JWT

**Audience Claim (aud) \***

api://default

The value of the audience (aud) claim in the access token JWT

**Service Account \***

order.fulfillment Service Account **X**

All client credentials must be associated with a user in the Service Account group. These users are prevented from logging into Appian.

[View Service Accounts group](#)

Created On	Last Used
------------	-----------



# Audit Changes to Design Objects in New Log

Quickly monitor changes to your objects from one place with the *design\_objects.csv* log.

This log is supported by Appian Cloud Log Streaming, so you can see who made changes to your design objects in real time.



# Automatic Primary Key in Cloud Databases

To improve overall health and performance, the Appian Cloud database will now require a primary key on any MariaDB tables created in new sites.



# Localization and Time Zone Improvements

The International Components for Unicode (ICU) Library has been upgraded to the latest version (74.1).

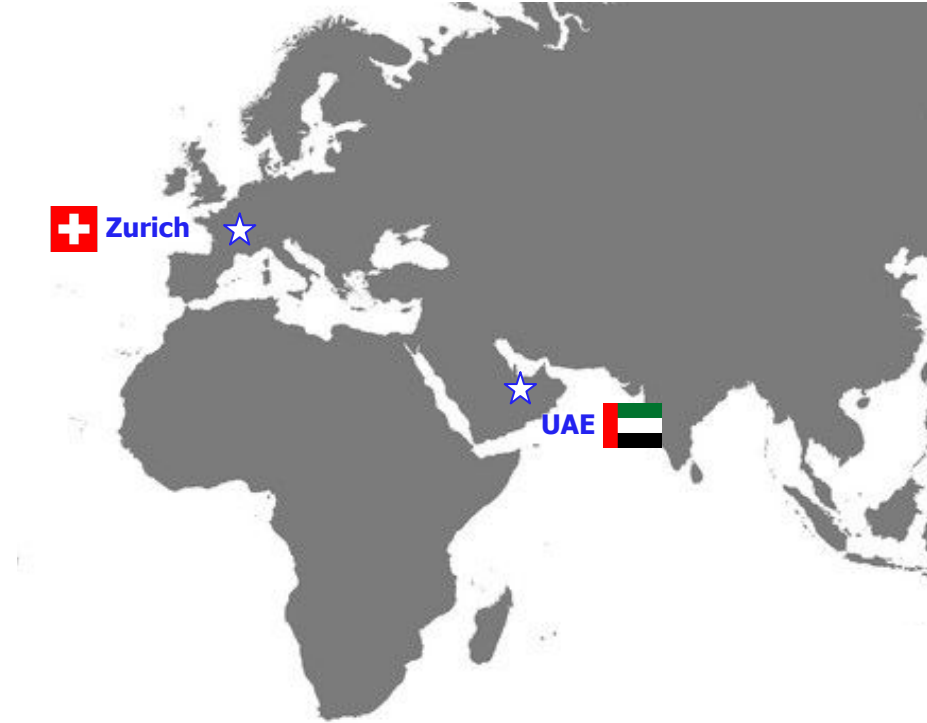
This update will allow you to stay current on localization changes such as timezones, date formats, currency changes, etc.



# Appian Cloud in Zurich and UAE end of March

Zurich and UAE will be new Appian Cloud Regions supporting HA at the end of March.

With these new regions, Appian will cover **24 regions** globally, with **72 availability zones**.



# Community

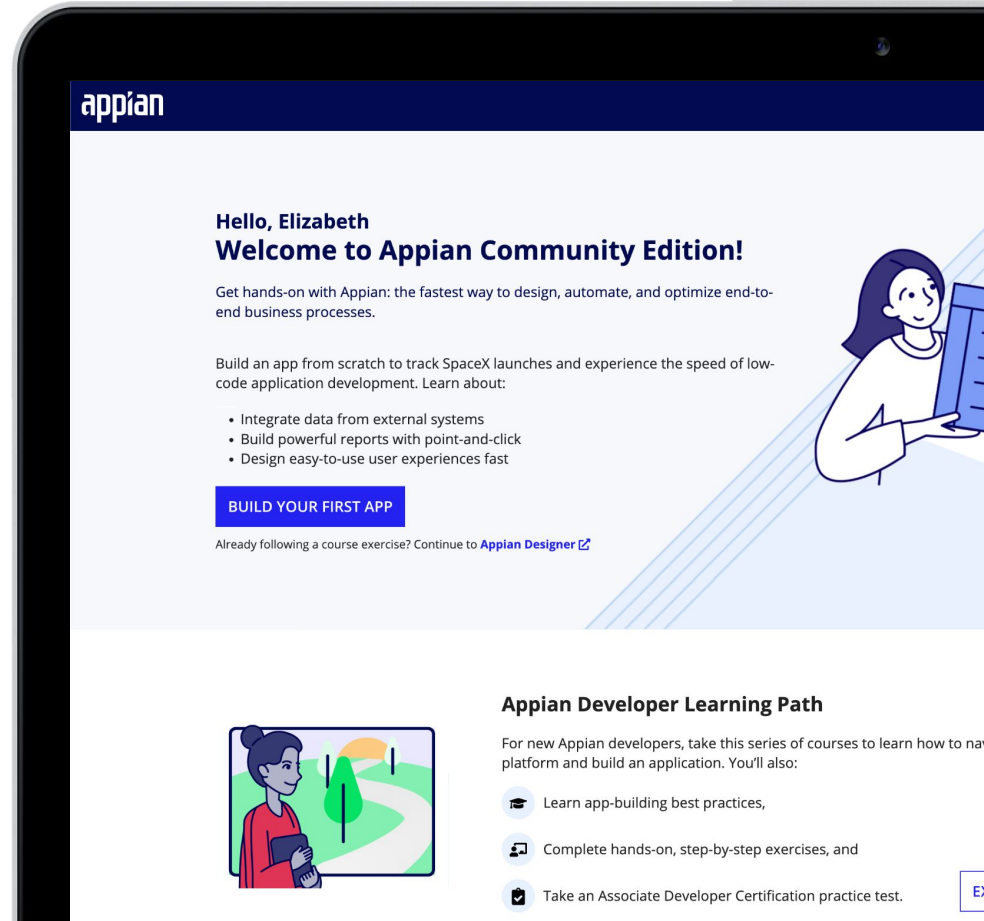
April Schuppel | Senior Product Evangelist

# New Appian Community Edition Beta

Come register for our new Appian Community Edition beta experience.

- Get hands-on with features releasing in **Appian 24.1**.
- Provide feedback to Appian on the new beta experience.

**All** Community Users are welcome!



The screenshot shows the Appian Community Edition Beta landing page. At the top left is the Appian logo. The main heading reads "Hello, Elizabeth Welcome to Appian Community Edition!". Below this, a sub-heading says "Get hands-on with Appian: the fastest way to design, automate, and optimize end-to-end business processes." A paragraph follows: "Build an app from scratch to track SpaceX launches and experience the speed of low-code application development. Learn about:". A bulleted list contains three items: "Integrate data from external systems", "Build powerful reports with point-and-click", and "Design easy-to-use user experiences fast". A blue button labeled "BUILD YOUR FIRST APP" is positioned below the list. Underneath the button is a link: "Already following a course exercise? Continue to [Appian Designer](#)". On the right side, there is an illustration of a woman with dark hair looking at a tablet. At the bottom left of the page, there is an illustration of a woman in a red shirt holding a tablet, with a landscape background. To the right of this illustration is the section "Appian Developer Learning Path". The text under this section says: "For new Appian developers, take this series of courses to learn how to navigate the platform and build an application. You'll also:". Below this text are three items, each with a small icon: "Learn app-building best practices", "Complete hands-on, step-by-step exercises, and", and "Take an Associate Developer Certification practice test." A blue button labeled "EX" is partially visible at the bottom right corner.

appian

## Hello, Elizabeth Welcome to Appian Community Edition!

Get hands-on with Appian: the fastest way to design, automate, and optimize end-to-end business processes.

Build an app from scratch to track SpaceX launches and experience the speed of low-code application development. Learn about:

- Integrate data from external systems
- Build powerful reports with point-and-click
- Design easy-to-use user experiences fast

[BUILD YOUR FIRST APP](#)

Already following a course exercise? Continue to [Appian Designer](#)

### Appian Developer Learning Path

For new Appian developers, take this series of courses to learn how to navigate the platform and build an application. You'll also:

- Learn app-building best practices,
- Complete hands-on, step-by-step exercises, and
- Take an Associate Developer Certification practice test.

# 2023 Community Discussion Leaders



Stefan Helzle  
PWC



Mike Schmitt  
SOC LLC



Mathieu Drouin  
Division 61



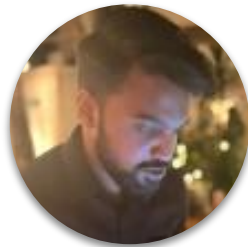
Sanchit Gupta  
Xebia



Harshit Bumb  
Appzyie



Abhay Dalsaniya  
Citi



Konduru Chaitanya  
Yexle



Pete Lewis  
Appian



Stewart Burchell  
Appian



Dave Lewis  
Ignyte

# 2023 Developer Sentiment Survey

Dive into the riveting insights from our annual Community survey:

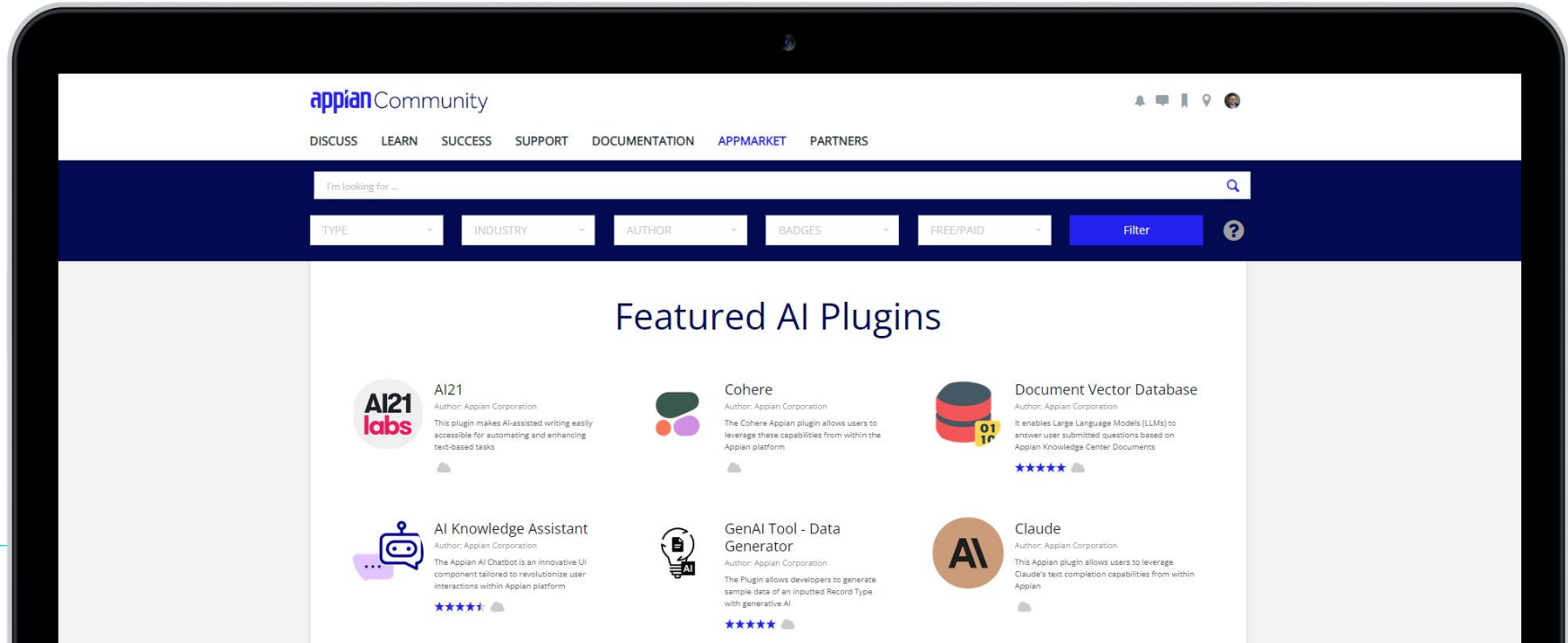
- **9 out of 10 developers are soaring** to new heights **in their careers** thanks to Appian proficiency.
- Our devs are crushing it by **working on innovative projects** and **delivering tons of value**.
- [community.appian.com/p/developer-survey](https://community.appian.com/p/developer-survey)





# 2023 AppMarket Review and GenAI Apps

- **71.5%** YoY growth in net new AppMarket listings growth
- **20+ new GenAI plugins** and utilities



# New: Learn Case Management Studio

Learn about Case Management Studio:

## Appian Case Management Studio Quick Start

- Learn how to automate and optimize casework across a wide range of use cases
- See how modular design and configurability enables rapid deployment

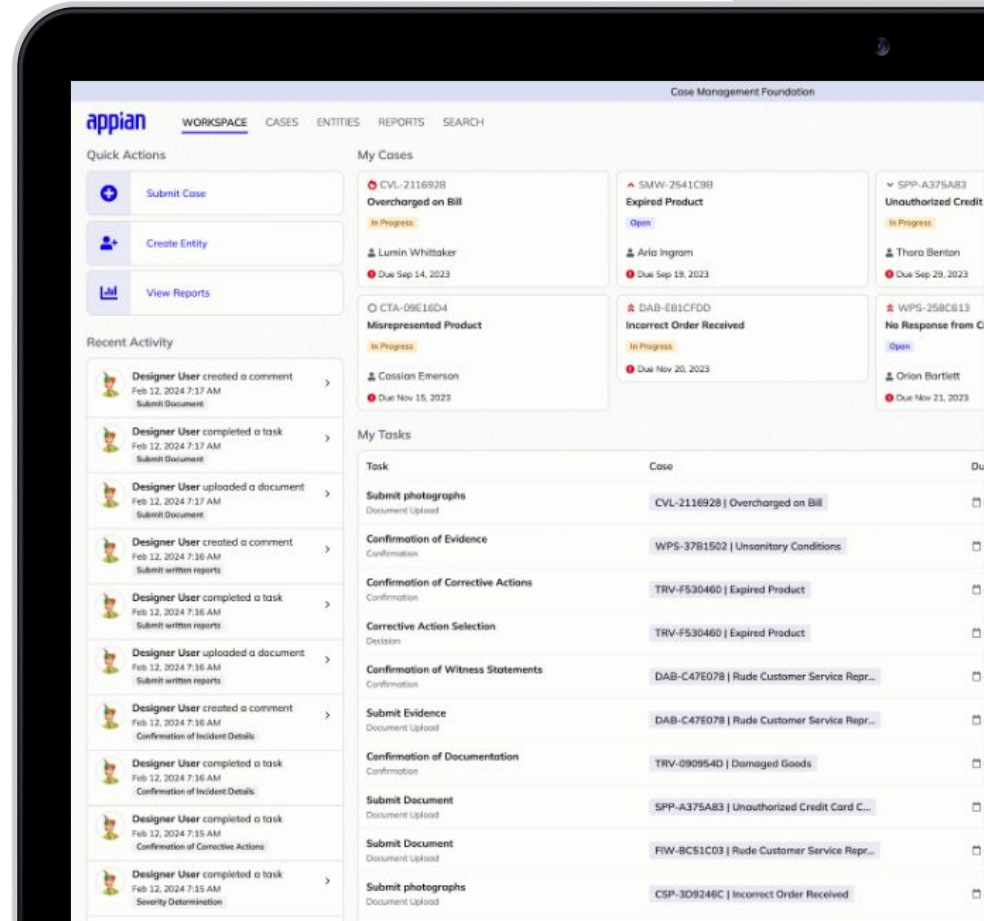
## Extending Appian Case Management Studio

- How to use common configurations
- Examples of effective customizations
- How to apply UI best practices.

### Certified Users!

Learn about new features in the 24.1 release showcase and **maintain your certification.**

(Training available when the 24.1 release is GA)



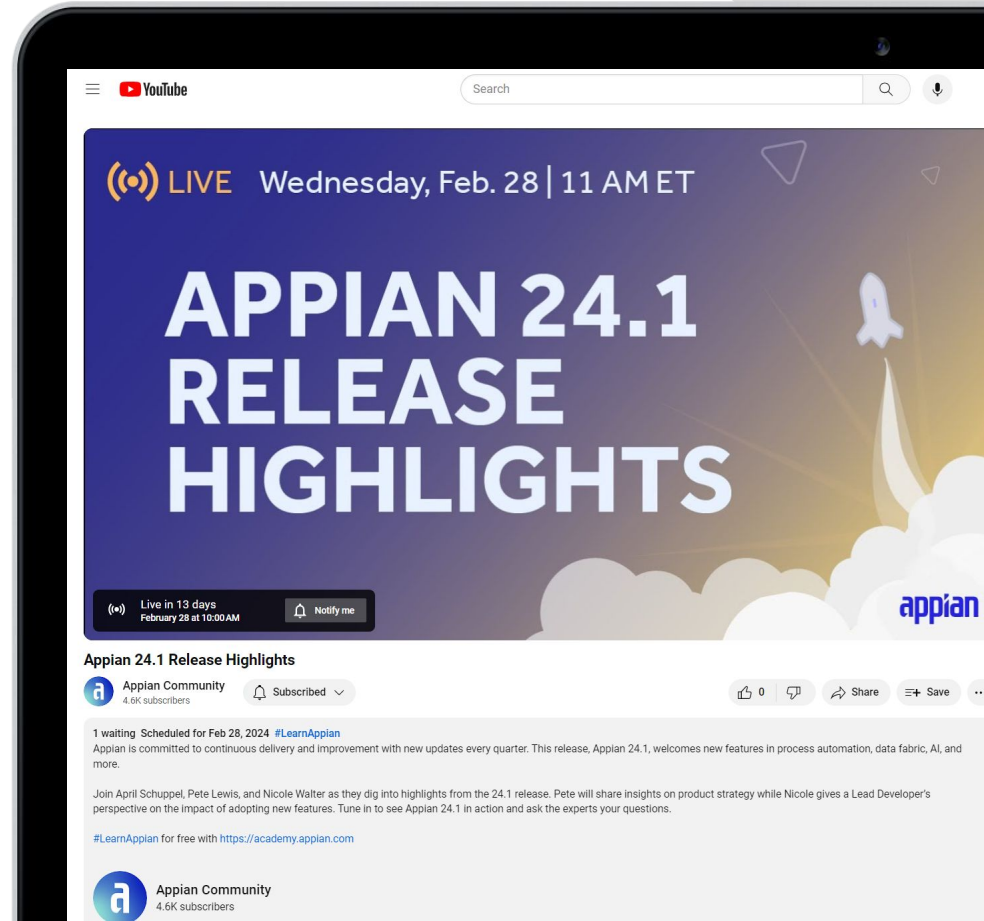
# Appian Community YouTube Channel

Providing **timely** and **accessible learning** content for teaching **Appian practitioners** to **build successfully**.

## 2023 @AppianCommunity channel highlights

- +2.6K subscribers
- A quarter of a million views
- 90 videos and 15 livestreams

**Next livestream → 24.1 Release Highlights**



The screenshot shows the YouTube channel page for Appian Community. At the top, there is a navigation bar with the YouTube logo and a search bar. Below this is a large banner for a live stream event titled "APPIAN 24.1 RELEASE HIGHLIGHTS". The banner includes the text "LIVE Wednesday, Feb. 28 | 11 AM ET" and a "Notify me" button. Below the banner, the channel name "Appian Community" is displayed with a subscriber count of "4.6K subscribers". The video description reads: "1 waiting Scheduled for Feb 28, 2024 #LearnAppian Appian is committed to continuous delivery and improvement with new updates every quarter. This release, Appian 24.1, welcomes new features in process automation, data fabric, AI, and more. Join April Schuppel, Pete Lewis, and Nicole Walter as they dig into highlights from the 24.1 release. Pete will share insights on product strategy while Nicole gives a Lead Developer's perspective on the impact of adopting new features. Tune in to see Appian 24.1 in action and ask the experts your questions. #LearnAppian for free with <https://academy.appian.com>".

# 2023 YouTube Livestream Appian Experts



**Peter Lewis**  
Senior Product  
Manager II



**Kevin Froimson**  
Senior Product  
Manager



**Matt Cosenza**  
Technical  
Instructor



**Mark Talbot**  
Director,  
Architecture



**Tom Shore**  
Principal Solutions  
Architect



**Louis Prenskey**  
Senior Product  
Manager



**Kyle Miller**  
Product Evangelist



**Sam Knecht**  
Product Evangelist



**Josh Linder**  
Senior Product  
Manager



**Dave Hillier**  
Principal Solutions  
Architect



**Michael Vanness**  
Solutions  
Consultant



**Christine Danzi**  
Associate  
Manager, User  
Experience



**Justin Shalap**  
Senior Solutions  
Consultant



**Tien Bui**  
Senior Product  
Manager



**Stephanie Cho**  
Principal  
Consultant



**Robin Sultan**  
User Experience  
Designer II



**Colton Walker**  
Senior Product  
Manager



**Julian Grunauer**  
Technology  
Strategy Engineer  
II



**Sam Merrill**  
Manager, Product  
Strategy



**Stefan Helze**  
PWC



**Mike Schmitt**  
SOC LLC



**Mathieu Drouin**  
Division 61



**Dan Lluhi**  
Macedon Technologies



# appian | World

April 15 – 17, 2024  
Washington D.C.

[appianworld.com](https://appianworld.com)



# Dev Day at Appian World 2024

## A full-day experience built just for devs

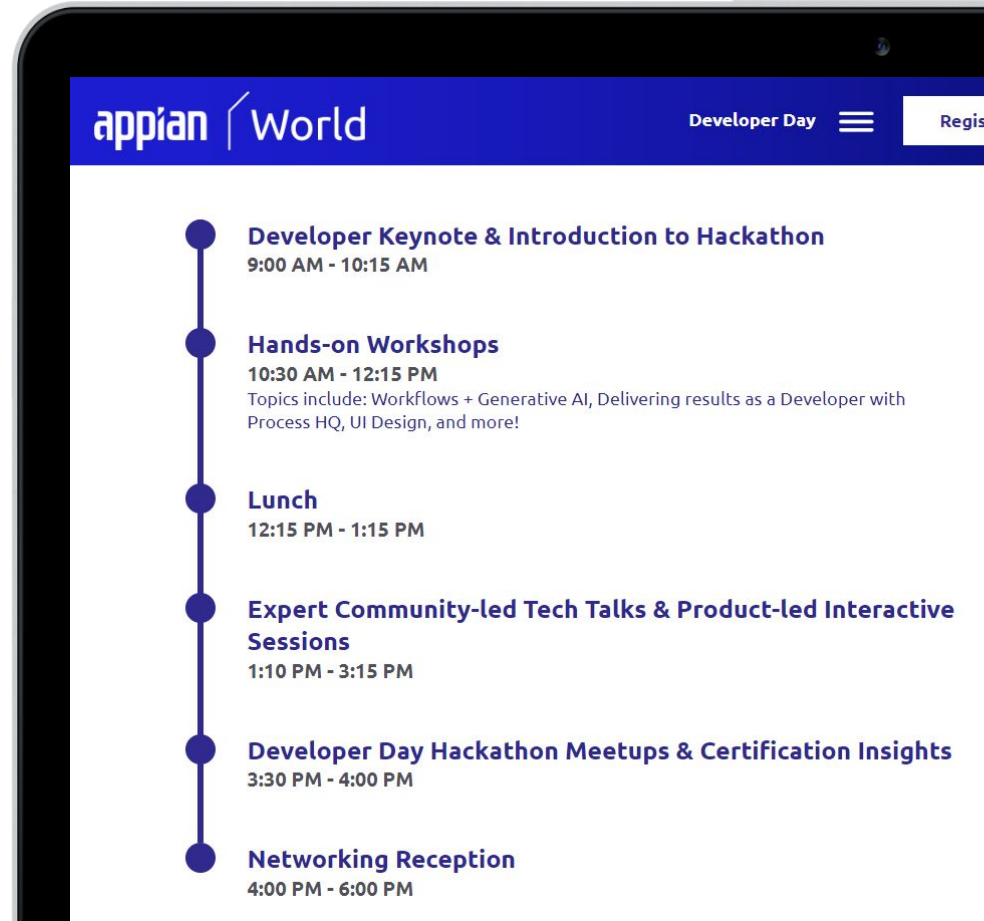
- **When:** Mon, April 15th
- **Who:** developers, practitioners, tech leaders
- **Cost:** Free with your AW 2024 registration

## Why attend

- Sharpen your skills
- Get hands-on with the latest features
- Connect with the global community
- Get face time with Appian

## How to register

- Register for Appian World 2024 today
- Add Developer Day via our session selection process opening end of February



appian | World

Developer Day

Regis

### Developer Keynote & Introduction to Hackathon

9:00 AM - 10:15 AM

### Hands-on Workshops

10:30 AM - 12:15 PM

Topics include: Workflows + Generative AI, Delivering results as a Developer with Process HQ, UI Design, and more!

### Lunch

12:15 PM - 1:15 PM

### Expert Community-led Tech Talks & Product-led Interactive Sessions

1:10 PM - 3:15 PM

### Developer Day Hackathon Meetups & Certification Insights

3:30 PM - 4:00 PM

### Networking Reception

4:00 PM - 6:00 PM



# Community Hub at Appian World 2024



# Live Build Challenge at Appian World 2024

Join us on **Wednesday, April 17th** with an unforgettable way to close out AW24.

Bigger than ever with a **new format!**

- Teams of 3 developers will build bigger and better applications
- Team representatives will face off in mini-builds throughout the conference
- The top 2 teams will compete in the finale; based on points earned during mini-builds

**\$30,000 cash prize** for the winning team!





# New Release Enablement 1-Stop Shop

## What's New

Discover the latest Community news, events, and resources.



### Appian World 2024

Explore AI, process automation, and digital transformation at Appian World 2024! Learn from industry leaders, share successes, and build lasting connections.



### Product Announcement Webinar

Tune in live on February 21 & 22 to learn about the latest updates to process automation, data fabric, AI, and more.  
**Register now: [Americas](#) | [EMEA](#) | [APJ](#)**



### 2023 Developer Survey Results

Explore the latest trends, preferences, and insights shaping the future of low-code development with our annual Developer Survey findings.

Thank you.