

Events

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Contents

Creating events.....4

Cloning events..... 9

Editing events..... 13

Deleting events.....17

Creating events

This article demonstrates how to create new events in a dataset.

About this task

To demonstrate how to create new events, we used the Campaign dataset, based on data previously imported into Data Visualization from a data file.

To create a new event in the dataset Campaign, follow these steps:

Procedure

1. On the main navigation bar, click Data.

The Data view appears.

2. Open on the Datasets tab.

3. Find the dataset in the list of datasets, either by scrolling or by using search, and click on it. Select the Campaign dataset.

Dataset side navigation appears.

4. Open at Dataset Detail view.

5. In the side navigation menu, click Events.

The screenshot shows the Arcadia Data web application. The top navigation bar includes the Arcadia Data logo, links for HOME, VISUALS, and DATA, and user controls for settings, help, and the user 'admin'. The left sidebar contains a navigation menu with items: Dataset Detail, Related Dashboards, Fields, Data Model, Analytical Views (0), Events (0), Segments (0), Filter Associations (0), and Permissions. The 'Events' item is highlighted with a mouse cursor. The main content area displays 'Dataset: Campaign' with a 'NEW DASHBOARD' button. Below this is a 'Detail' section for the table 'documentation.campaign'. The details include: Connection Type: Arcadia, Data Connection: Arcadia Enterprise, Description, Associated Logical View, Join Elimination: Enabled, Result Cache: From Connection, and Incremental Results: Disabled. At the bottom, metadata is shown: ID: 321, Created on: May 23, 2018 09:18 PM, Created by: admin, Last updated: May 23, 2018 09:18 PM, and Last updated by: admin.

ARCADIA DATA HOME VISUALS DATA admin

Dataset Detail

Related Dashboards

Fields

Data Model

Analytical Views 0

Events 0

Segments 0

Filter Associations 0

Permissions

Dataset: Campaign

NEW DASHBOARD

Detail

Table: documentation.campaign

Connection Type: Arcadia

Data Connection: Arcadia Enterprise

Description:

Associated Logical View:

Join Elimination: Enabled

Result Cache: From Connection

Incremental Results: Disabled

ID: 321

Created on: May 23, 2018 09:18 PM

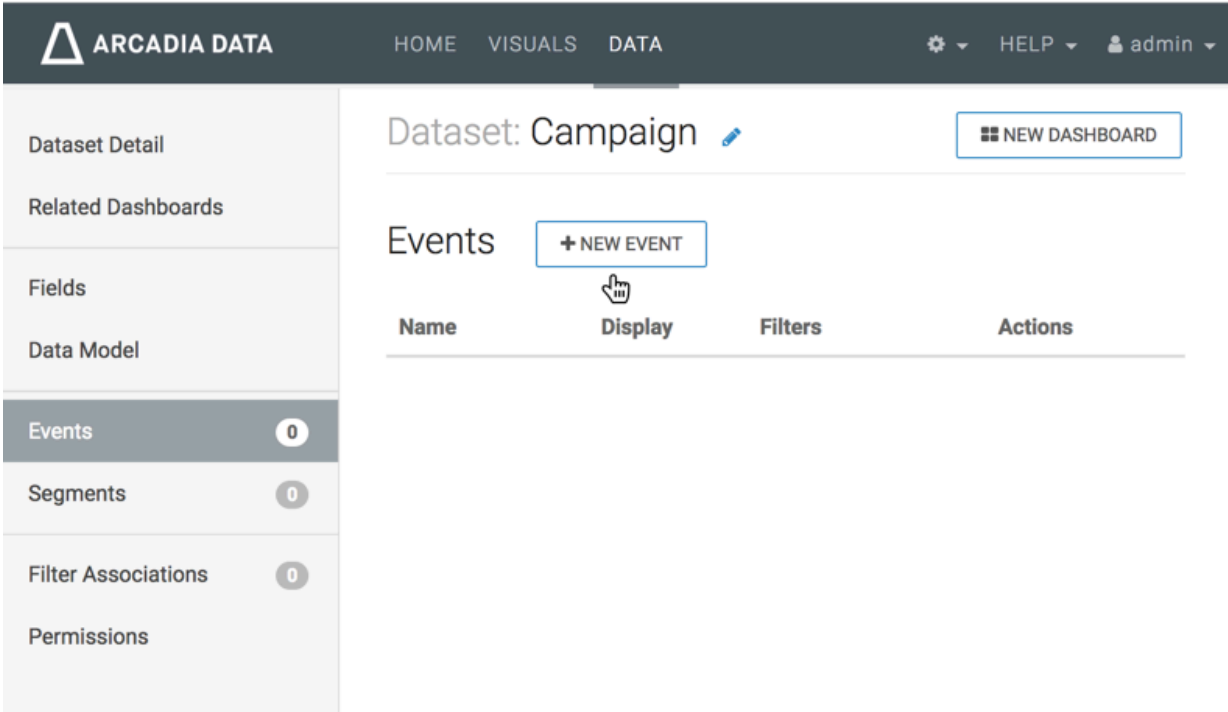
Created by: admin

Last updated: May 23, 2018 09:18 PM

Last updated by: admin

The Events interface appears.

- 6. In the Events interface, click New Event.



The Add Event modal window appears.

7. In the Add Event modal window make the following entries:

- Under Event Name, enter Start.
- Under Event Display, enter name.
- Under Filters, click the text box to open the Filter Expression modal window.

Add Event ×

Event Name

Event Display

Filters

You can enter multiple filters and they will automatically have an "AND" logic between them

8. In the The Filter Expression modal window, enter the following expression: name='\$session_started'

Filter Expression ×

Enter an expression that can serve as a WHERE clause. For example: event_type="login"

☒ Autocomplete on

All Functions

- abs
- AND
- avg
- BETWEEN
- CASE
- cast
- char
- coalesce
- count

All Fields

- 1.2 duration
- # event_id_hi
- # event_id_lo
- A name
- # parent_event...
- # parent_event...
- # Record Count
- timestamp
- A user id

9. Click Apply to save the filter expression and return to the Add Event modal window.

In the Add Event window modal, notice that the Filters field contains the specified expression.

10. Click Save.

Add Event ×

Event Name

Start

Event Display

name

Filters

You can enter multiple filters and they will automatically have an "AND" logic between them

name='\$session_started'

ADD FILTER

CANCEL

SAVE

11. The new event definition appears in the Events interface.

Note the actions available for this event: Edit, Clone, and Delete.

ARCADIA DATA

HOME VISUALS DATA

NEW DASHBOARD

Dataset Detail

Related Dashboards

Fields

Data Model

Events 1

Segments 0

Filter Associations 0

Permissions

Dataset: Campaign

Events + NEW EVENT

Name	Display	Filters	Actions
Start	name	name='\$session_started'	<a>Edit <a>Clone <a>Delete

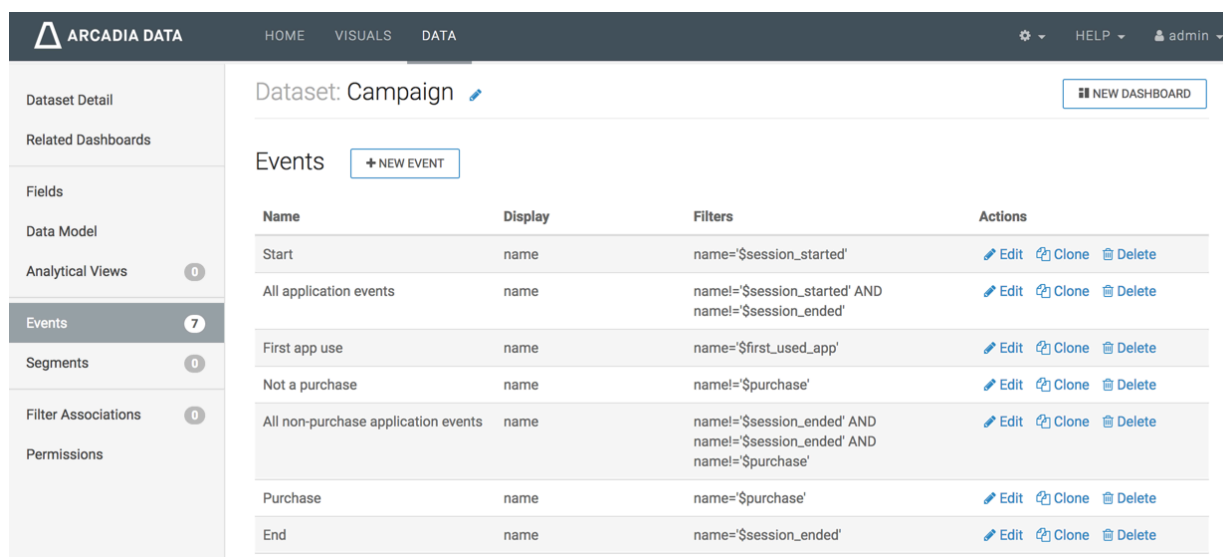
12. Repeat the preceding steps to create six additional events for this dataset, as defined in the following table.

You already created the event in the first row. Alternatively, you can create new events by cloning existing events. See, Cloning Events

Table 1: Events of the Campaign Dataset

Event Name	Event Display	Filters
Start	name	name='\$session_started'
All application events	name	name!='\$session_started' AND name!='\$session_ended'
First app use	name	name='\$first_used_app'
Not a purchase	name	name!='\$purchase'
All non-purchase application events	name	name!='\$session_started' name!='\$session_ended' name!='\$purchase'
Purchase	name	name='\$purchase'
End	name	name='\$session_ended'

When you finish defining all events for the dataset, your list of events should appear similar to the following:



The screenshot shows the Arcadia Data interface for a dataset named 'Campaign'. The 'Events' section is active, displaying a table with the following data:

Name	Display	Filters	Actions
Start	name	name='\$session_started'	Edit Clone Delete
All application events	name	name!='\$session_started' AND name!='\$session_ended'	Edit Clone Delete
First app use	name	name='\$first_used_app'	Edit Clone Delete
Not a purchase	name	name!='\$purchase'	Edit Clone Delete
All non-purchase application events	name	name!='\$session_ended' AND name!='\$session_ended' AND name!='\$purchase'	Edit Clone Delete
Purchase	name	name='\$purchase'	Edit Clone Delete
End	name	name='\$session_ended'	Edit Clone Delete

Related Information

[Cloning events](#)

Cloning events

About this task

The following steps demonstrate how to create a new event in the dataset by cloning an existing one. You can use the event Start that was set up in Creating Events.

Procedure

1. On the main navigation bar, click DATA.
2. Select Campaign dataset. Dataset side navigation appears, open at Dataset Detail view.
3. In the side navigation menu, click Events.
4. In the Events list, find the event to clone, and click Clone.

In this example, we are cloning Start.

The screenshot shows the Arcadia Data web application. The top navigation bar includes 'HOME', 'VISUALS', and 'DATA'. The left sidebar shows a navigation menu with 'Events' selected, indicated by a '1' badge. The main content area displays 'Dataset: Campaign' and a table of 'Events'. The table has columns for 'Name', 'Display', 'Filters', and 'Actions'. One event, 'Start', is listed with 'name' as the display name and 'name='\$session_started'' as the filter. The 'Actions' column for this event contains 'Edit', 'Clone', and 'Delete' links. A mouse cursor is pointing at the 'Clone' link.

5. A populated Add Event modal window appears.

The 'Add Event' modal window is shown. It has a title bar with a close button. The form contains the following fields:

- Event Name:** A text input field containing 'Copy of Start'.
- Event Display:** A text input field containing 'name'.
- Filters:** A section with a heading 'Filters' and a subtext 'You can enter multiple filters and they will automatically have an "AND" logic between them'. It contains a text input field with 'name='\$session_started'' and a minus sign button to its right. Below this is another text input field with the placeholder 'Click to update in SQL expression editor' and a minus sign button to its right. At the bottom left of the filters section is an 'ADD FILTER' button.

At the bottom right of the modal are two buttons: 'CANCEL' and 'SAVE'.

6. In the Add Event modal window, update the following entries:



- Change Event Name from Copy of Start to End.
- Under Filters, click the filter expression text box that contains name='\$session_started', to open a Filter Expression modal window and edit the expression.


Add Event ×

Event Name

Event Display

Filters
You can enter multiple filters and they will automatically have an "AND" logic between them



7. In the Filter Expression modal window, enter the following expression: name='\$session_ended'

8. [Optional] Click Validate Expression to test the expression.

9. Click Apply to save the new filter expression and return to the Add Event modal window.

Filter Expression

Enter an expression that can serve as a WHERE clause. For example: event_type="login"

name='\$session_ended'

VALIDATE EXPRESSION

☒ Autocomplete on

All Functions

abs
acos
add_months
adddate
AND
appx_median
ascii
asin
atan
avg

All Fields & Tables

`campaign_d...
1.2 duration
event_id_hi
event_id_lo
A name
parent_event...
parent_event...
timestamp
A user_id

CANCEL

APPLY

10. In the Add Event window modal, notice that the Filters field contains the specified expression.

Add Event

Event Name

End

Event Display

name

Filters

You can enter multiple filters and they will automatically have an "AND" logic between them

name='\$session_ended'

Click to update in SQL expression editor

ADD FILTER

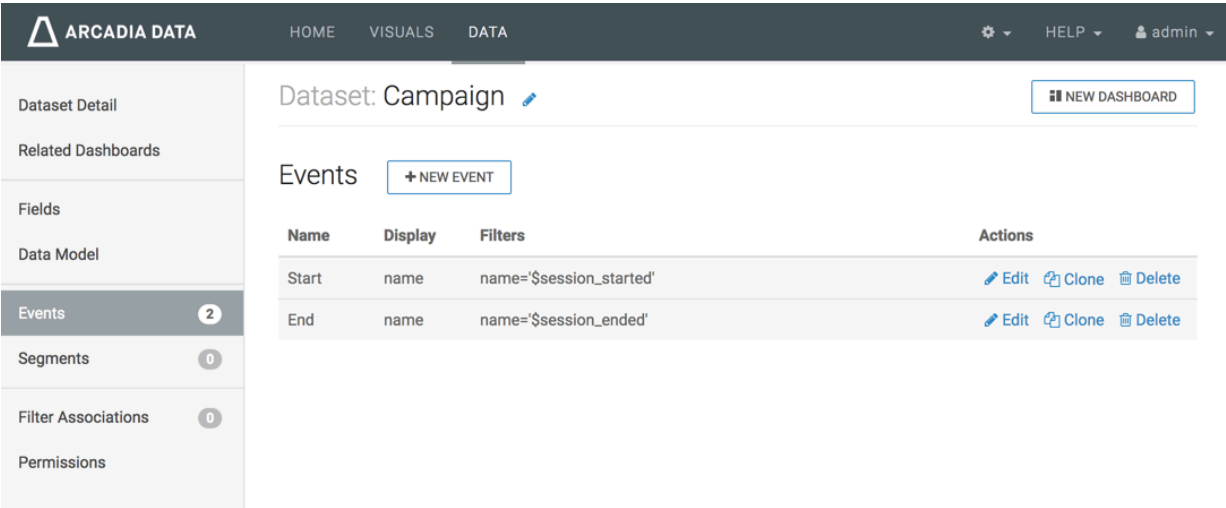
CANCEL

SAVE

12

11. Click SAVE.

The new event definition appears in the Events interface.



Related Information
[Creating events](#)

Editing events

About this task

The following steps demonstrate how to edit an event in a dataset. You can use the event All application events that was created in Creating Events.

Procedure

- 1. On the main navigation bar, click DATA.
- 2. Select Campaign dataset. Dataset side navigation appears, open at Dataset Detail view.
- 3. In the side navigation menu, click Events.

4. In the Events list, find the event to edit, and click Edit.

In this example, we are editing event All application events.

The screenshot shows the Arcadia Data interface. The top navigation bar includes 'HOME', 'VISUALS', and 'DATA'. The left sidebar lists 'Dataset Detail', 'Related Dashboards', 'Fields', 'Data Model', 'Events' (with a count of 3), 'Segments' (with a count of 0), 'Filter Associations' (with a count of 0), and 'Permissions'. The main content area shows the 'Dataset: Campaign' and a table of 'Events'.

Name	Display	Filters	Actions
Start	name	name='\$session_started'	Edit Clone Delete
All application events	name	name='\$session_started' AND name='\$session_ended'	Edit Clone Delete
End	name	name='\$session_ended'	Edit Clone Delete

An Edit Event modal window appears.

5. You can change all the entries in Edit Event modal window. In this case,
 - Leave Event Name 'as is'.
 - Leave Event Display 'as is'.
 - Under Filters, click the filter expression text box name='\$session_started'AND name='\$session_ended', to open a Filter Expression modal window and edit the expression.

The 'Add Event' modal window is shown. It has a title bar with a close button. The form contains three sections: 'Event Name' with a text box containing 'All application events', 'Event Display' with a text box containing 'name', and 'Filters' with a text box containing 'name='\$session_started'AND name='\$session_ended''. Below the 'Filters' text box is an 'ADD FILTER' button. At the bottom right are 'CANCEL' and 'SAVE' buttons.

The Filter Expression modal window appears.

6. In the Filter Expression modal window, enter the following expression:

```
name='$session_started'AND name='$session_ended'AND name='$purchase'
```

7. Click Apply to save the new filter expression and return to the Edit Event modal window.

Filter Expression

Enter an expression that can serve as a WHERE clause. For example: event_type="login"

name='\$session_started'AND name='\$session_ended'AND name='\$purchase'

VALIDATE EXPRESSION

☒ Autocomplete on

All Functions

abs
acos
add_months
adddate
AND
appx_median
ascii
asin
atan

All Fields

12 duration
event_id_hi
event_id_lo
A name
parent_event...
parent_event...
timestamp
A user_id

CANCEL

APPLY

8. In the Edit Event modal window, click Save.

Edit Event

Event Name

All application events

Event Display

name

Filters

You can enter multiple filters and they will automatically have an "AND" logic between them

name='\$session_started'AND name='\$session_ended'AND name='\$purchase'

Click to update in SQL expression editor

ADD FILTER

CANCEL

SAVE

9. The renamed/edited event appears in the Events interface.

ARCADIA DATA

HOME VISUALS DATA

HELP admin

Dataset Detail

Related Dashboards

Fields

Data Model

Analytical Views 0

Events 3

Segments 0

Filter Associations 0

Permissions

Dataset: Campaign

NEW DASHBOARD

Events

NEW EVENT

Name	Display	Filters	Actions
Start	name	name='\$session_started'	Edit Clone Delete
End	name	name='\$session_ended'	Edit Clone Delete
All application events	name	name='\$session_started'AND name='\$session_ended'AND name='\$purchase'	Edit Clone Delete

Related Information

[Creating events](#)

Deleting events

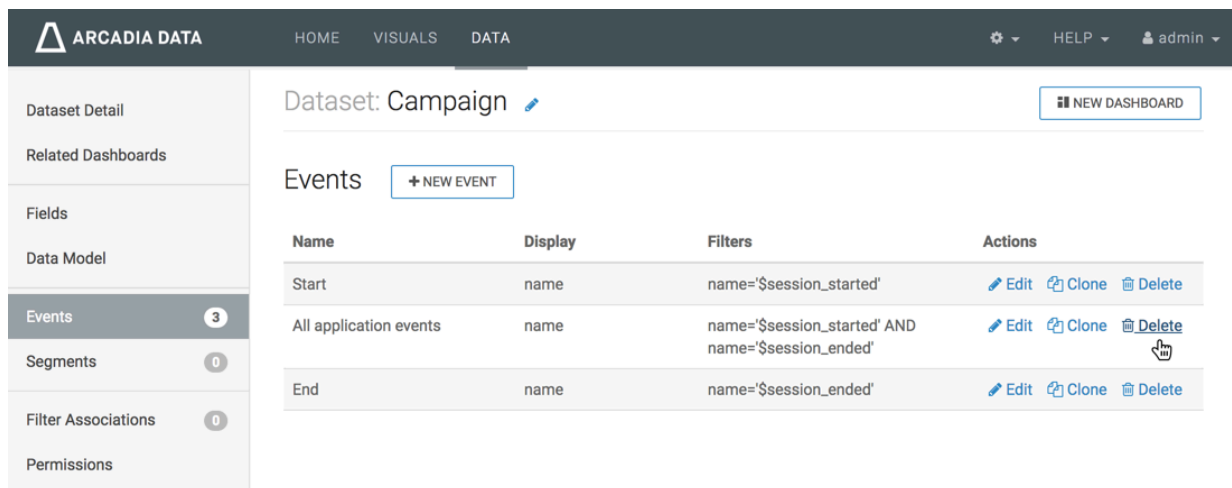
About this task

This article demonstrates how to delete an event defined on a dataset. Let's delete the event All application events.

Procedure

1. On the main navigation bar, click Data.
2. Select the Campaign dataset. Dataset side navigation appears, open at Dataset Detail view.
3. In the side navigation menu, click Events.
4. In the Events list, find the event to delete, and click Delete.

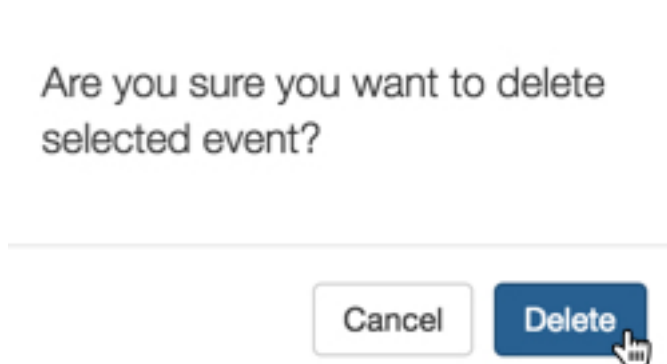
In this example, we are deleting the event All application events.



The screenshot shows the Arcadia Data interface. The top navigation bar includes 'HOME', 'VISUALS', and 'DATA'. The left sidebar shows a navigation menu with 'Events' selected, indicated by a '3' badge. The main content area displays 'Dataset: Campaign' and a table of events. The 'All application events' row is highlighted, and the 'Delete' button in the 'Actions' column is being clicked, as indicated by a mouse cursor icon.

Name	Display	Filters	Actions
Start	name	name='\$session_started'	Edit Clone Delete
All application events	name	name='\$session_started' AND name='\$session_ended'	Edit Clone Delete
End	name	name='\$session_ended'	Edit Clone Delete

5. In the confirmation window modal, click Delete.



The screenshot shows a confirmation modal window with the text 'Are you sure you want to delete selected event?'. At the bottom, there are two buttons: 'Cancel' and 'Delete'. The 'Delete' button is highlighted with a mouse cursor icon.

6. The event End no longer appears in the Events interface.

ARCADIA DATA

HOMEVISUALSDATA

⚙️

HELP

admin

Dataset Detail

Related Dashboards

Fields

Data Model

Events2

Segments0

Filter Associations0

Permissions

Dataset: Campaign

NEW DASHBOARD

Events

NEW EVENT

Name	Display	Filters	Actions
Start	name	name='\$session_started'	<a>Edit <a>Clone <a>Delete
End	name	name='\$session_ended'	<a>Edit <a>Clone <a>Delete