

Events

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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.

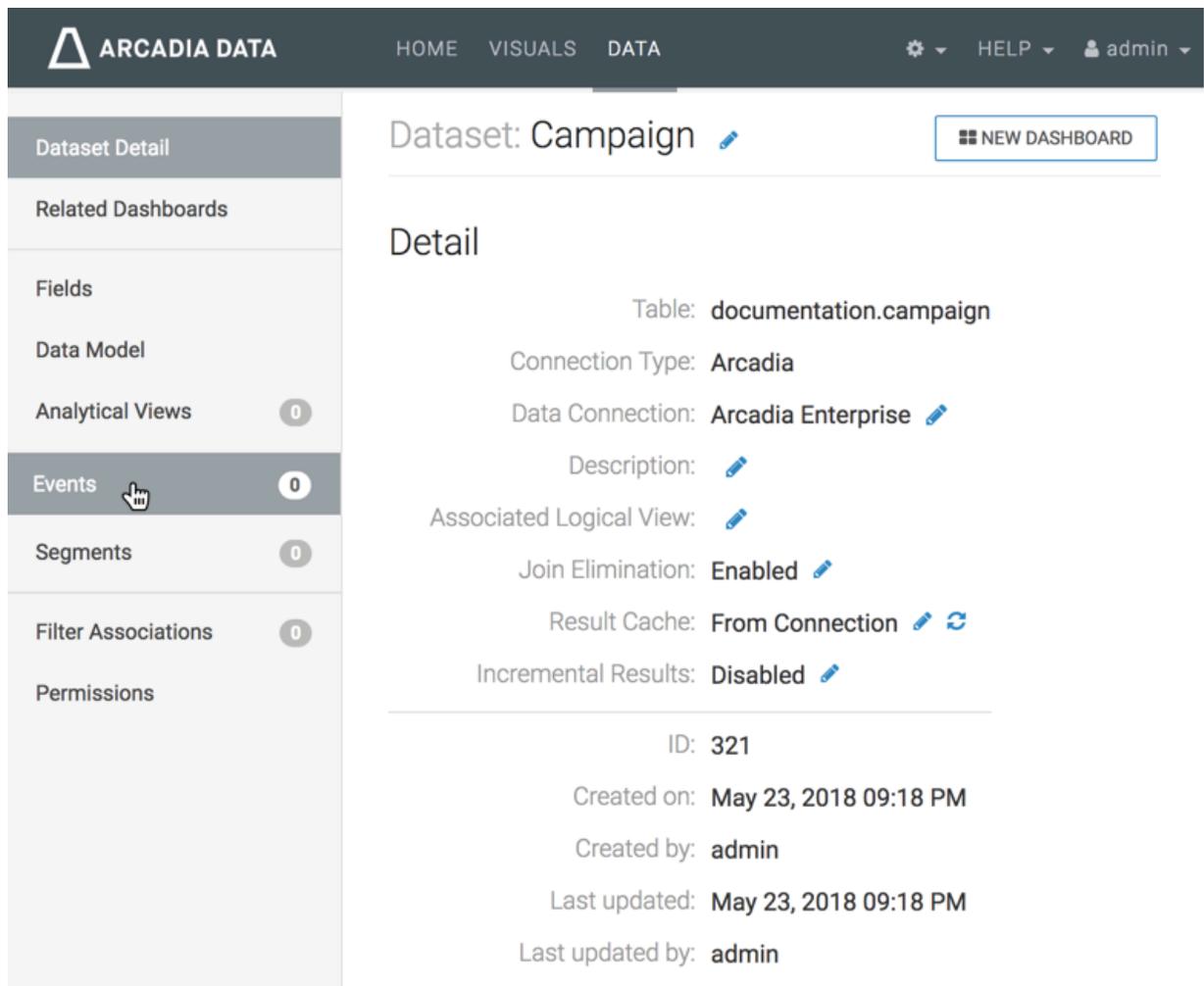
2. Open on the Datasets tab.

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.

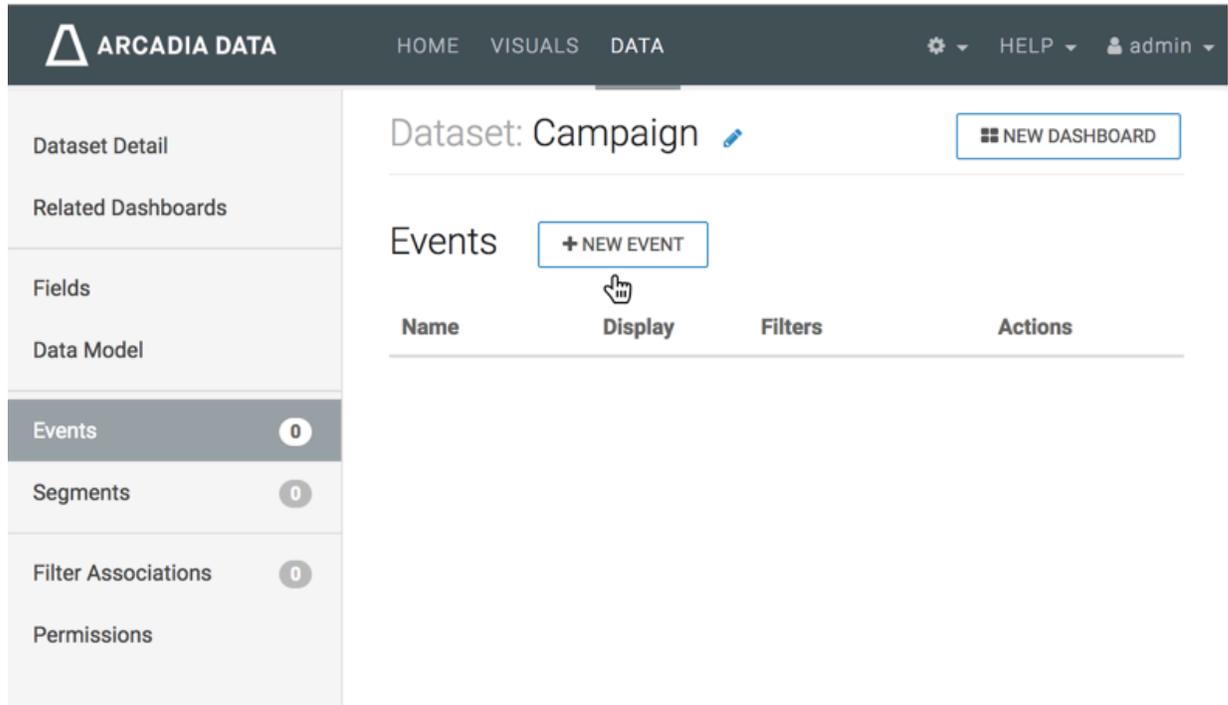
5. In the side navigation menu, click Events.



The screenshot shows the Arcadia Data web interface. The top navigation bar includes the Arcadia Data logo, navigation links for HOME, VISUALS, and DATA, and user information for '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 the 'Dataset: Campaign' page. The page title is 'Dataset: Campaign' with a 'NEW DASHBOARD' button. Below the title 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 of the detail section, the ID is 321, and it was created on May 23, 2018 09:18 PM by admin, with the last update also on May 23, 2018 09:18 PM by admin.

The Events interface appears.

- In the Events interface, click New Event.



The screenshot shows the Arcadia Data interface. The top navigation bar includes the Arcadia Data logo, the text 'ARCADIA DATA', and navigation links for 'HOME', 'VISUALS', and 'DATA'. On the right side of the navigation bar, there are icons for settings, help, and a user profile labeled 'admin'. The main content area is titled 'Dataset: Campaign' and includes a '+ NEW DASHBOARD' button. Below this, the 'Events' section is highlighted, featuring a '+ NEW EVENT' button with a hand cursor icon. A table with the following columns is visible: 'Name', 'Display', 'Filters', and 'Actions'. The left sidebar contains a list of menu items: 'Dataset Detail', 'Related Dashboards', 'Fields', 'Data Model', 'Events' (with a '0' badge), 'Segments' (with a '0' badge), 'Filter Associations' (with a '0' badge), and 'Permissions'.

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

Click to update in SQL expression editor

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"

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

Autocomplete on

- 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.

- Click Save.

Add Event ✕

Event Name

Event Display

Filters

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

[ADD FILTER](#)

CANCEL
SAVE

- 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 ⚙️ HELP 👤 admin

Dataset: Campaign NEW DASHBOARD

Events + NEW EVENT

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

Dataset Detail

Related Dashboards

Fields

Data Model

Events 1

Segments 0

Filter Associations 0

Permissions

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 the 'Campaign' dataset. 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 interface. The top navigation bar includes 'HOME', 'VISUALS', and 'DATA'. The left sidebar shows a navigation menu with 'Events' selected and a notification badge '1'. The main content area displays 'Dataset: Campaign' with a '+ NEW DASHBOARD' button. Below this, the 'Events' section has a '+ NEW EVENT' button and a table:

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

5. A populated Add Event modal window appears.

The 'Add Event' modal window is shown with the following fields:

- Event Name:** Copy of Start
- Event Display:** name
- Filters:** You can enter multiple filters and they will automatically have an "AND" logic between them. The first filter is 'name='\$session_started'' with a minus sign. The second filter is 'Click to update in SQL expression editor' with a minus sign.

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

- 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



- In the Filter Expression modal window, enter the following expression: name='\$session_ended'
- [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...
- duration
- event_id_hi
- event_id_lo
- name
- parent_event...
- parent_event...
- timestamp
- 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'
⊖

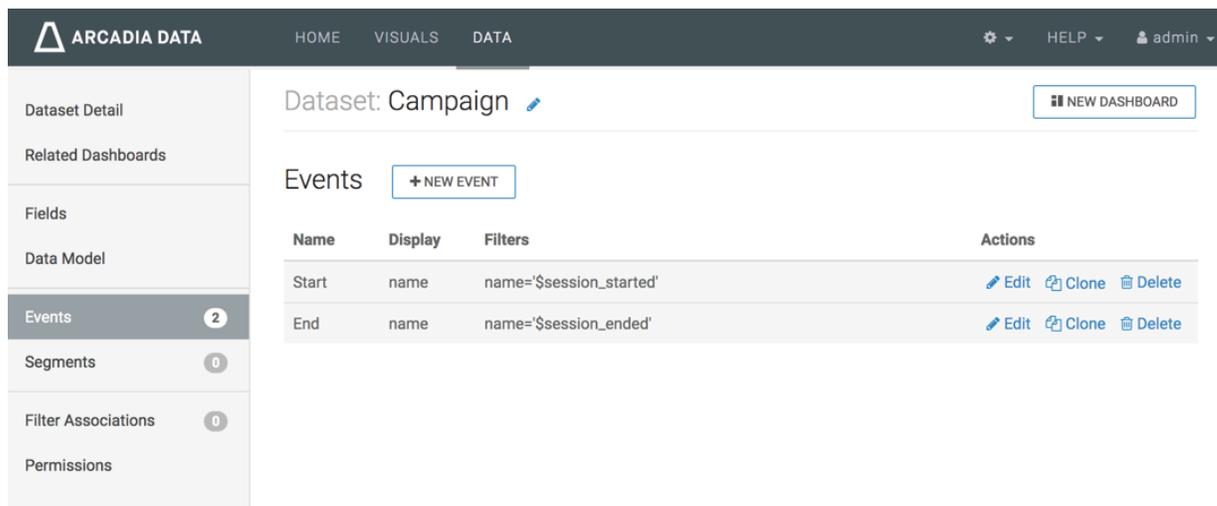
Click to update in SQL expression editor
⊖

ADD FILTER

CANCEL SAVE

11. Click SAVE.

The new event definition appears in the Events interface.



The screenshot shows the Arcadia Data interface. The top navigation bar includes 'ARCADIA DATA', 'HOME', 'VISUALS', and 'DATA'. The left sidebar contains navigation options: 'Dataset Detail', 'Related Dashboards', 'Fields', 'Data Model', 'Events' (with a '2' badge), 'Segments' (with a '0' badge), 'Filter Associations' (with a '0' badge), and 'Permissions'. The main content area is titled 'Dataset: Campaign' and features a '+ NEW DASHBOARD' button. Below this, the 'Events' section has a '+ NEW EVENT' button and a table with the following data:

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

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.

- 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 'ARCADIA DATA', 'HOME', 'VISUALS', and 'DATA'. The user is logged in as 'admin'. The main content area is titled 'Dataset: Campaign' and shows a list of 'Events'. The 'Events' list has the following columns: Name, Display, Filters, and Actions. The 'All application events' entry is selected, and the 'Edit' button is being clicked.

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.

- 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 'Add Event' and a close button. The form contains the following fields:

- Event Name:** All application events
- Event Display:** name
- Filters:** You can enter multiple filters and they will automatically have an "AND" logic between them. The filter expression text box contains 'name='\$session_started'AND name='\$session_ended'' and is highlighted with a green border. A hand cursor is over the text box.
- ADD FILTER:** A button to add a new filter.

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

The Filter Expression modal window appears.

- In the Filter Expression modal window, enter the following expression:

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

- 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 ▾

- duration
- event_id_hi
- event_id_lo
- name
- parent_event...
- parent_event...
- timestamp
- user_id

CANCEL **APPLY**

- In the Edit Event modal window, click Save.

Edit Event ✕

Event Name

Event Display

Filters

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

⊖

⊖

ADD FILTER

CANCEL
SAVE

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

A **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

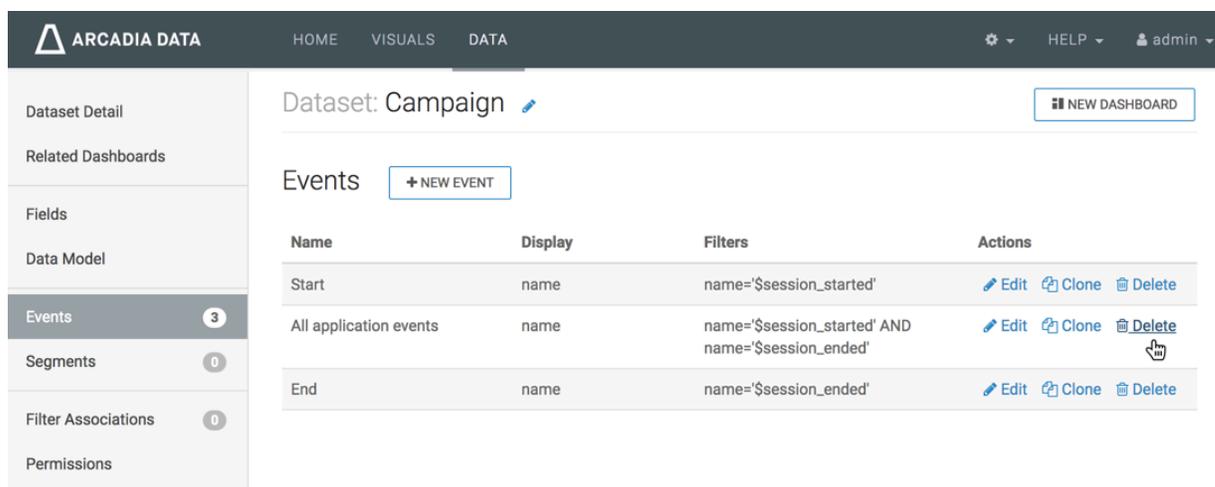
About this task

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 contains 'Dataset Detail', 'Related Dashboards', 'Fields', 'Data Model', 'Events' (with a '3' badge), 'Segments' (with a '0' badge), 'Filter Associations' (with a '0' badge), and 'Permissions'. The main content area is titled 'Dataset: Campaign' and shows an 'Events' list with a '+ NEW EVENT' button. The table below has 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
End	name	name='\$session_ended'	Edit Clone Delete

5. In the confirmation window modal, click Delete.

Are you sure you want to delete selected event?

Cancel

Delete

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

The screenshot shows the Arcadia Data interface for a dataset named 'Campaign'. The left sidebar contains navigation options: Dataset Detail, Related Dashboards, Fields, Data Model, Events (with a '2' badge), Segments (with a '0' badge), Filter Associations (with a '0' badge), and Permissions. The main content area shows 'Dataset: Campaign' with a 'NEW DASHBOARD' button. Below this is the 'Events' section with a '+ NEW EVENT' button. A table lists the events:

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