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Custom Dates

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Managing custom dates

About this task

enables you to define custom sets of date ranges, and anchor them to a specific date and time. For real-time filters, you can anchor the filters to today, or to now.

You can then use these custom sets of date ranges on dashboards to filter time-based data, and help you analyze streaming input.

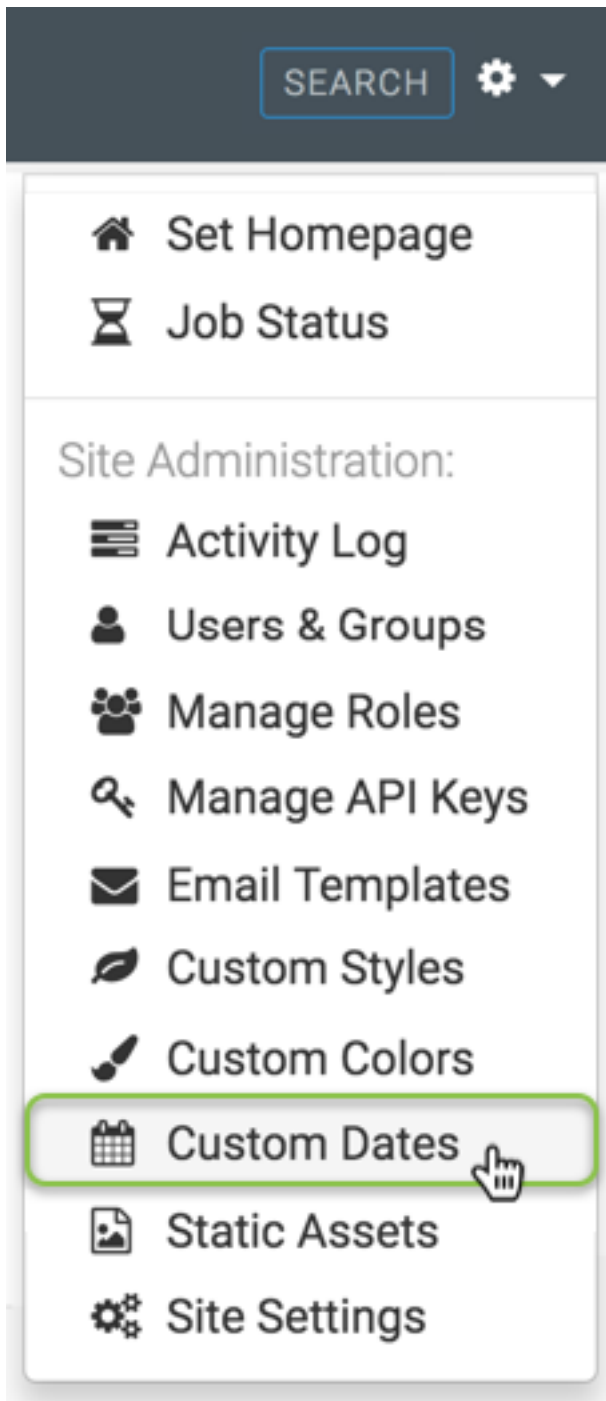


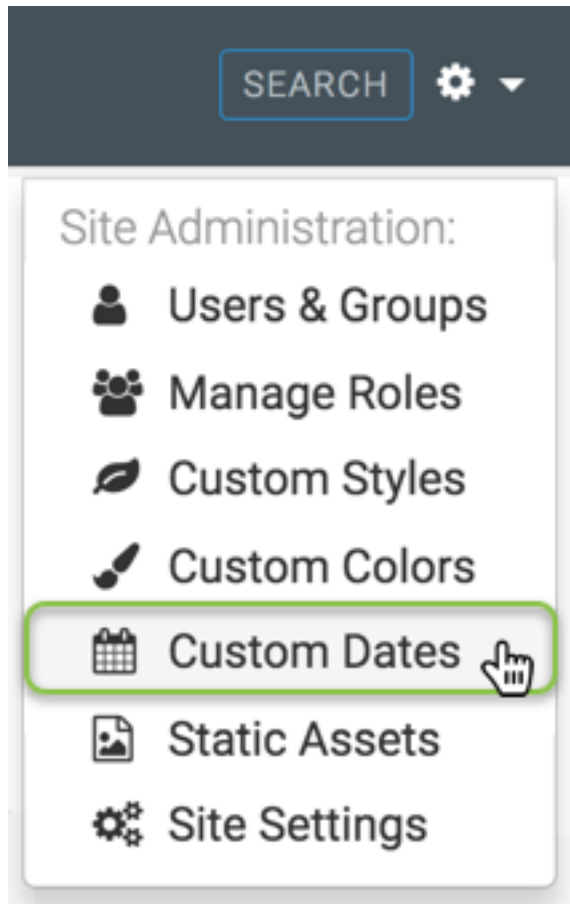
Note: This feature is only available to users with administrative privileges.

To use the custom daterange interface, follow these steps:

Procedure

1. Click the Gear icon to open the Administration menu, and select Custom Dates.





2. In the Manage Custom Dateranges interface, note the available actions:

- Click New Custom Daterange to create a new asset. See, *Creating new custom dates*.
- Click the Pencil icon to edit the parameters of a set of dateranges, or to start the cloning process. See, *Cloning custom dates*.
- Click the Trashcan icon to delete the asset. See, *Deleting custom dates*.

A screenshot of the 'Manage Custom Dateranges' interface. The top navigation bar includes 'ARCADIA DATA', 'HOME', 'VISUALS', 'DATA', a 'SEARCH' button, and a user profile 'admin'. Below the navigation bar are tabs for 'Activity Log', 'Users & Groups', 'Manage Roles', 'Manage API Keys', 'Email Templates', 'Custom Styles', 'Custom Colors', 'Custom Dates', 'Static Assets', and 'Site Settings'. The main content area is titled 'Manage Custom Dateranges' and features a 'NEW CUSTOM DATERANGE' button with a plus icon and a green circle '1'. Below this is a table with three rows of date ranges. Each row has a 'Name' column and a series of buttons for different time intervals. Row 1: 'My Date Range Set' with buttons for 3 MIN, 5 MIN, 10 MIN, 15 MIN, 30 MIN, 1 HR, 3 HR, 6 HR, 9 HR, 12 HR, 1 DAY, 3 DAY, 5 DAY, 1 WK, 2 WK, 1 MONTH, 2 MONTH, 1 QUARTER, 2 QUARTER, 1 YEAR, 2 YEAR, 3 YEAR, and edit/delete icons. Row 2: 'My Date Range Set - Fine Control' with buttons for 3 MIN, 5 MIN, 10 MIN, 15 MIN, 30 MIN, 1 HR, and edit/delete icons. Row 3: 'My Date Range Set - Gross Control' with buttons for 1 DAY, 3 DAY, 5 DAY, 1 WK, 2 WK, 1 MONTH, 2 MONTH, 1 QUARTER, 2 QUARTER, 1 YEAR, 2 YEAR, 3 YEAR, and edit/delete icons. Green circles '2' and '3' are placed over the edit and delete icons of the second row, respectively.

Related Information

[Creating new custom date ranges](#)

[Cloning custom date ranges](#)

[Deleting custom date ranges](#)

Creating new custom date ranges

About this task

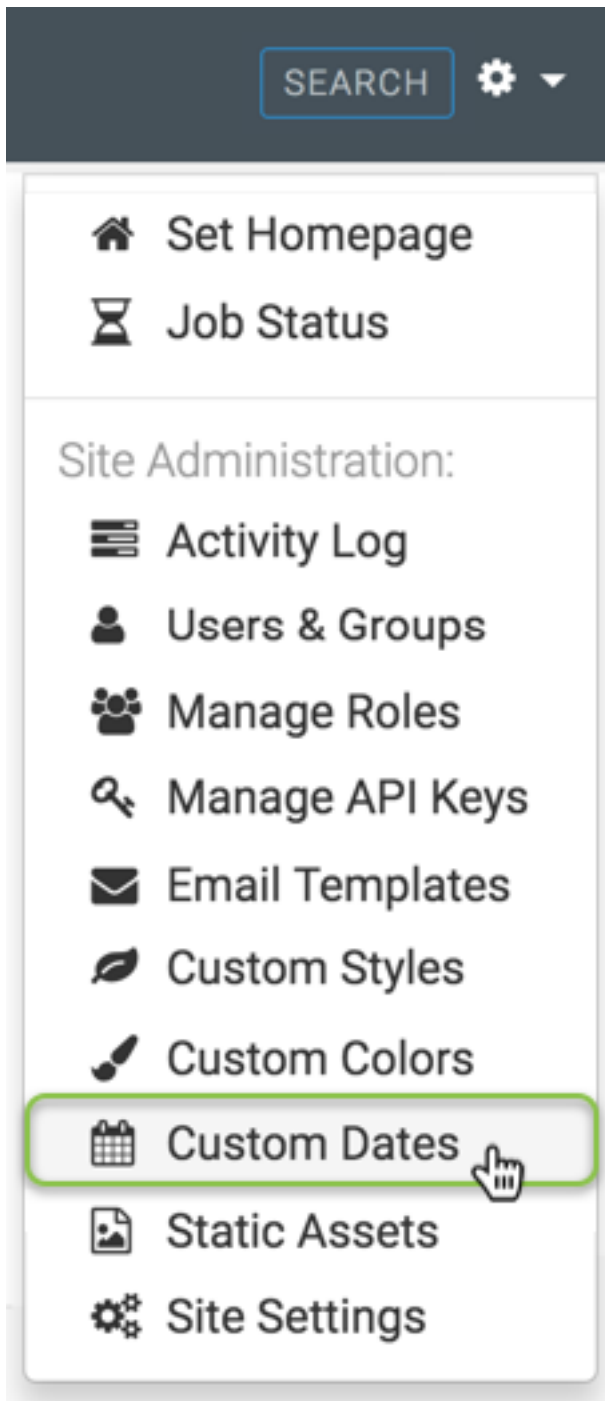
To create a new set of custom date range, you must define each custom range in turn.

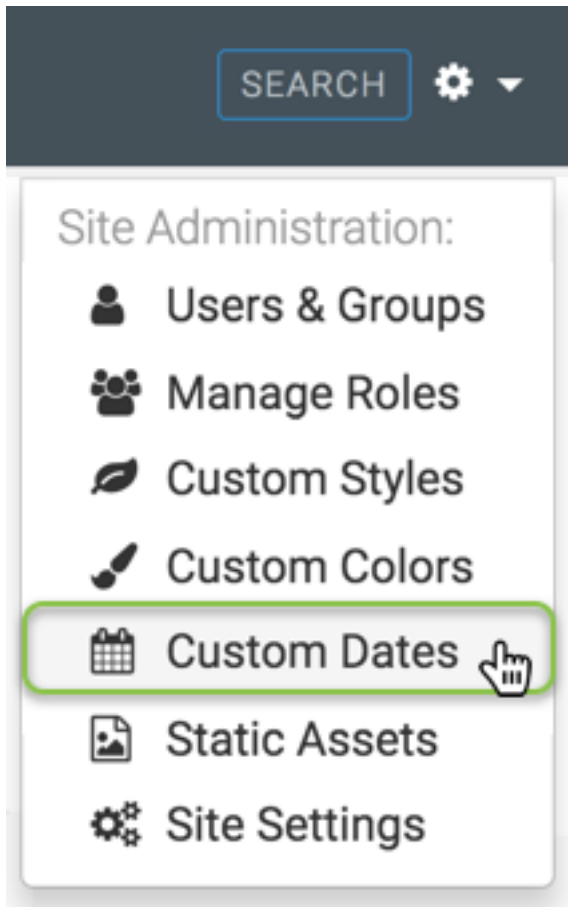
Here, we demonstrate how to build a set of custom date ranges called My Date Range Set. We define the first one date range, 3 min, in detail. Then, we define the rest of them in similar manner.

Follow these steps:

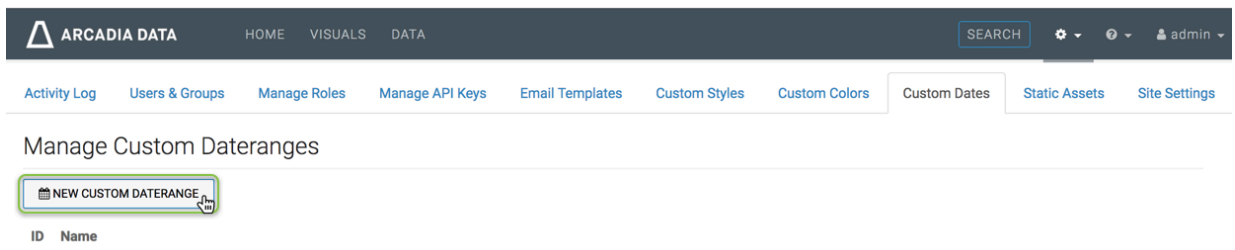
Procedure

1. Click the gear icon to open the Administration menu, and select Custom Dates.





2. In the Manage Custom Dateranges interface, click New Custom Daterange.



3. In the Custom Date interface, enter the Name of the custom date.

We used My Date Range Set.

The screenshot shows the Arcadia Data interface for creating a custom date range. At the top, there is a navigation bar with the Arcadia Data logo and menu items: HOME, VISUALS, DATA, SEARCH, and a user profile for 'admin'. Below the navigation bar, there is a secondary menu with options: Activity Log, Users & Groups, Manage Roles, Manage API Keys, Email Templates, Custom Styles, Custom Colors, Custom Dates (selected), Static Assets, and Site Settings.

The main content area is titled 'Custom Date:'. It features two buttons: a green 'SAVE' button and a blue 'CLONE' button. Below these is a 'Name:' label followed by a text input field containing 'My Date Range Set'. Underneath the name field is a table with five columns: Name, Start Date Anchor, Start Date Rules, End Date Anchor, and End Date Rules. The table contains one row with the following values: 'New Range', 'TODAY', a plus sign (+), 'TODAY', a plus sign (+), and a close sign (x). At the bottom of the table is a blue button labeled '+ ADD NEW RANGE'.

Name	Start Date Anchor	Start Date Rules	End Date Anchor	End Date Rules
New Range	TODAY	+	TODAY	+ x

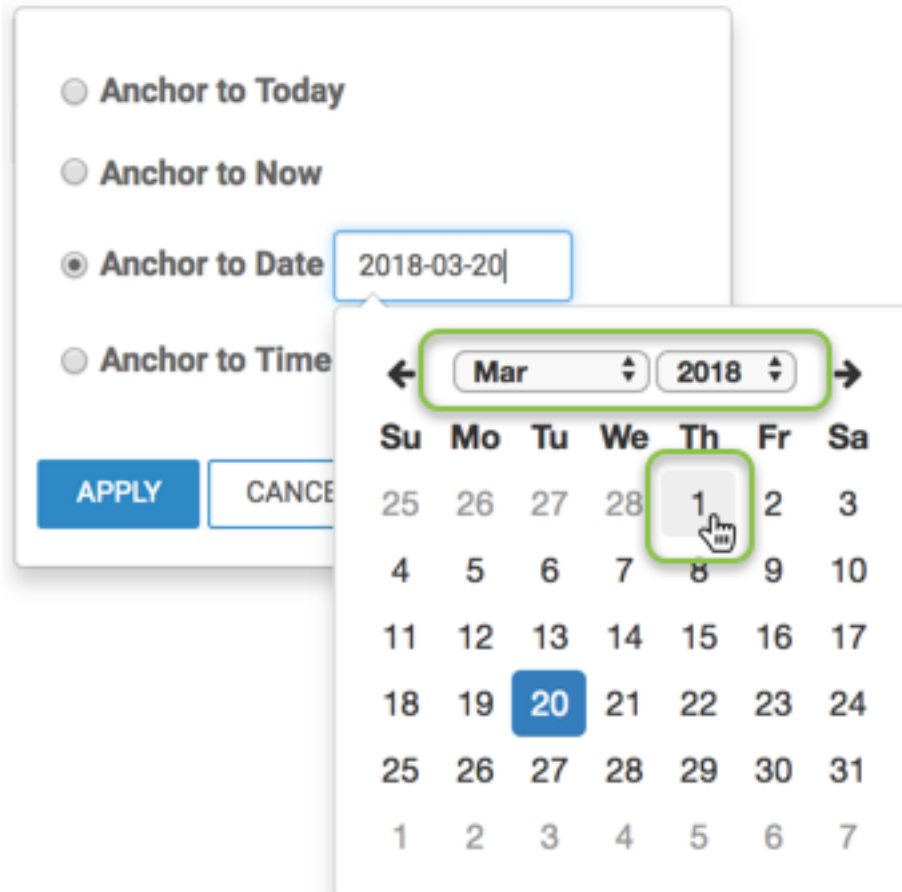
4. In the list of ranges, define the first range:

a) Enter the Name of the new range.

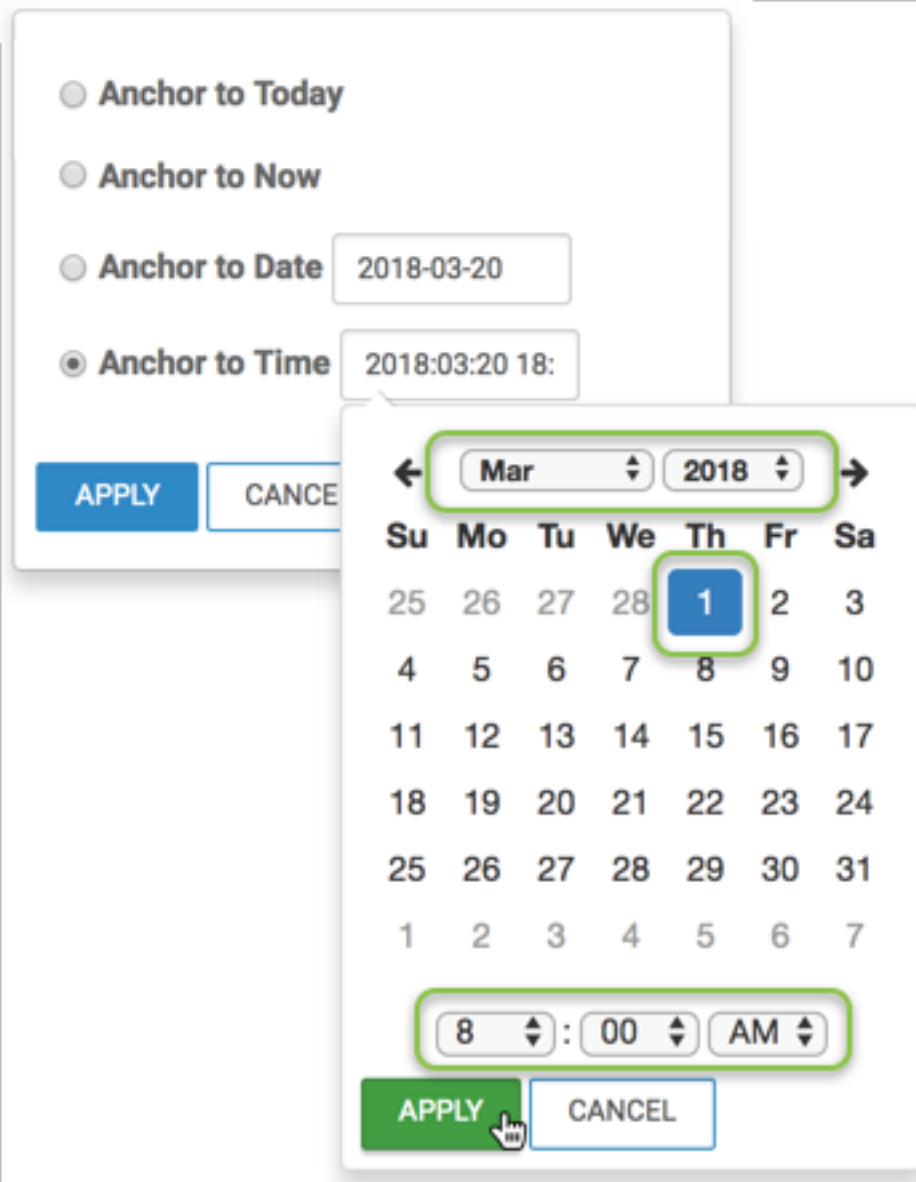
We used 3 min.

b) Under Start Date Anchor, select one of the options:

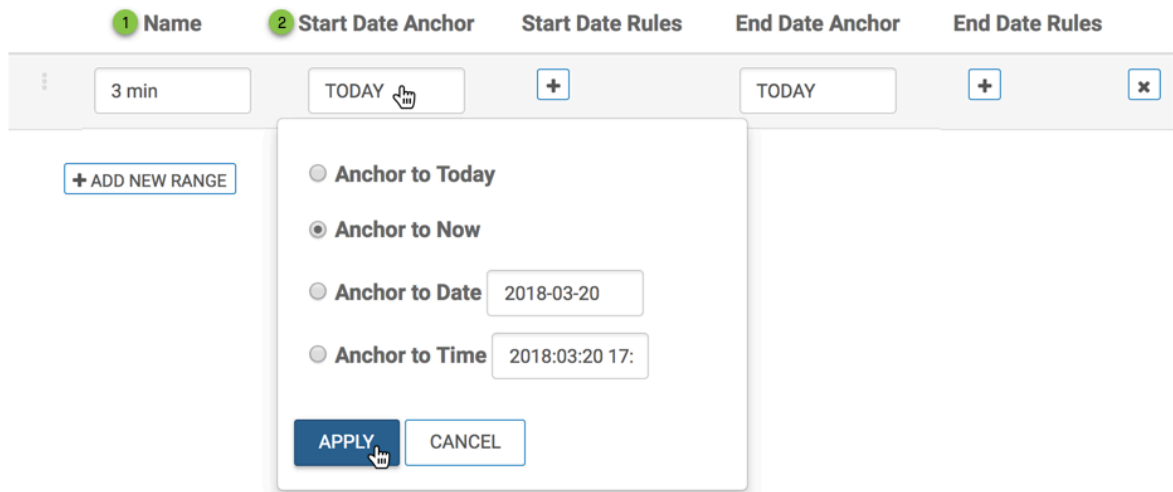
- Anchor to Today (default)
- Anchor to Now
- Anchor to Date, which is the current date by default. To specify an alternate date, click in the edit field and select from the calendar interface.



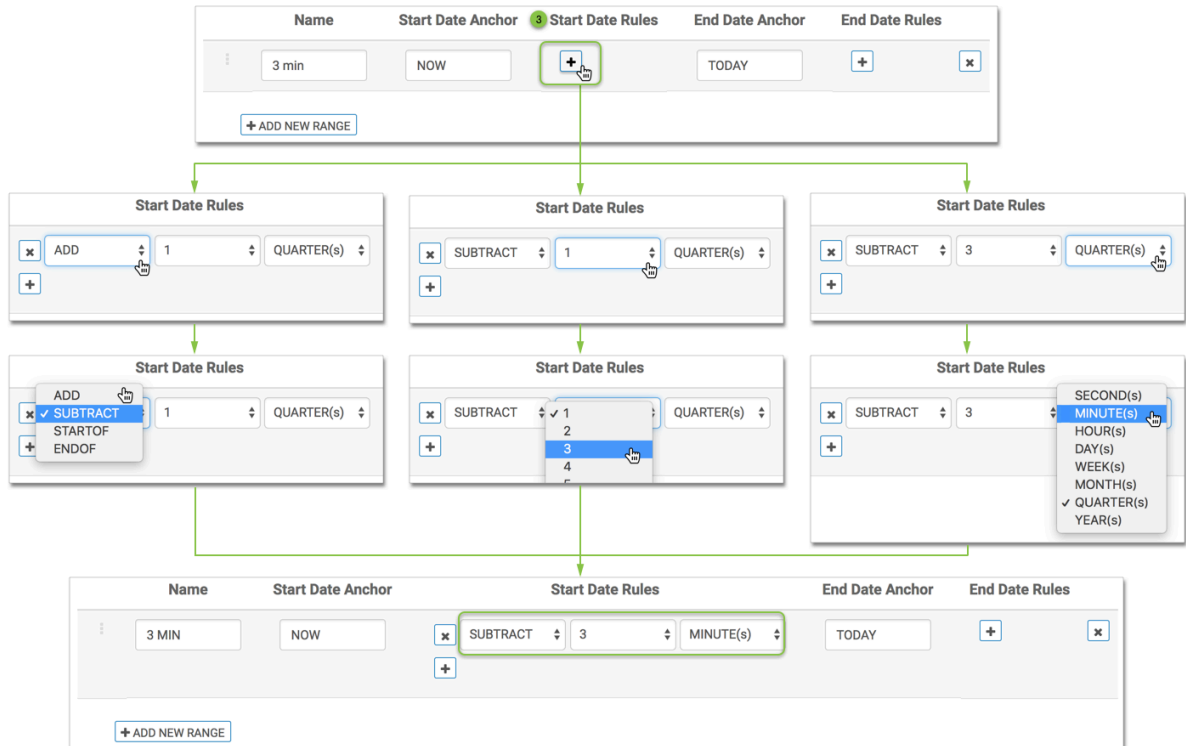
- Anchor to Time, which is the current timestamp by default. To specify an alternate timestamp, click in the edit field and select from the calendar and time interface.



We selected Anchor to Now.



- c) Click Apply.
- d) Under Start Date Rules, click the Plus icon, and proceed to specify the first start date rule:
Click the text box with operations (Add), and select the operation for the date rule:
Add (default), Subtract, Startof, or Endof. We used Subtract.
- e) Click the text box with numbers, and select the appropriate time offset.
We used 3.
- f) Click the text box with units, and select one of the time units from the menu:
Seconds, Minutes, Hours, Days, Weeks, Months, Years, or Quarters (default). We selected Minutes.
This completes the specification of the first start date rule.



To delete or remove a rule, click the Delete icon beside the rule.

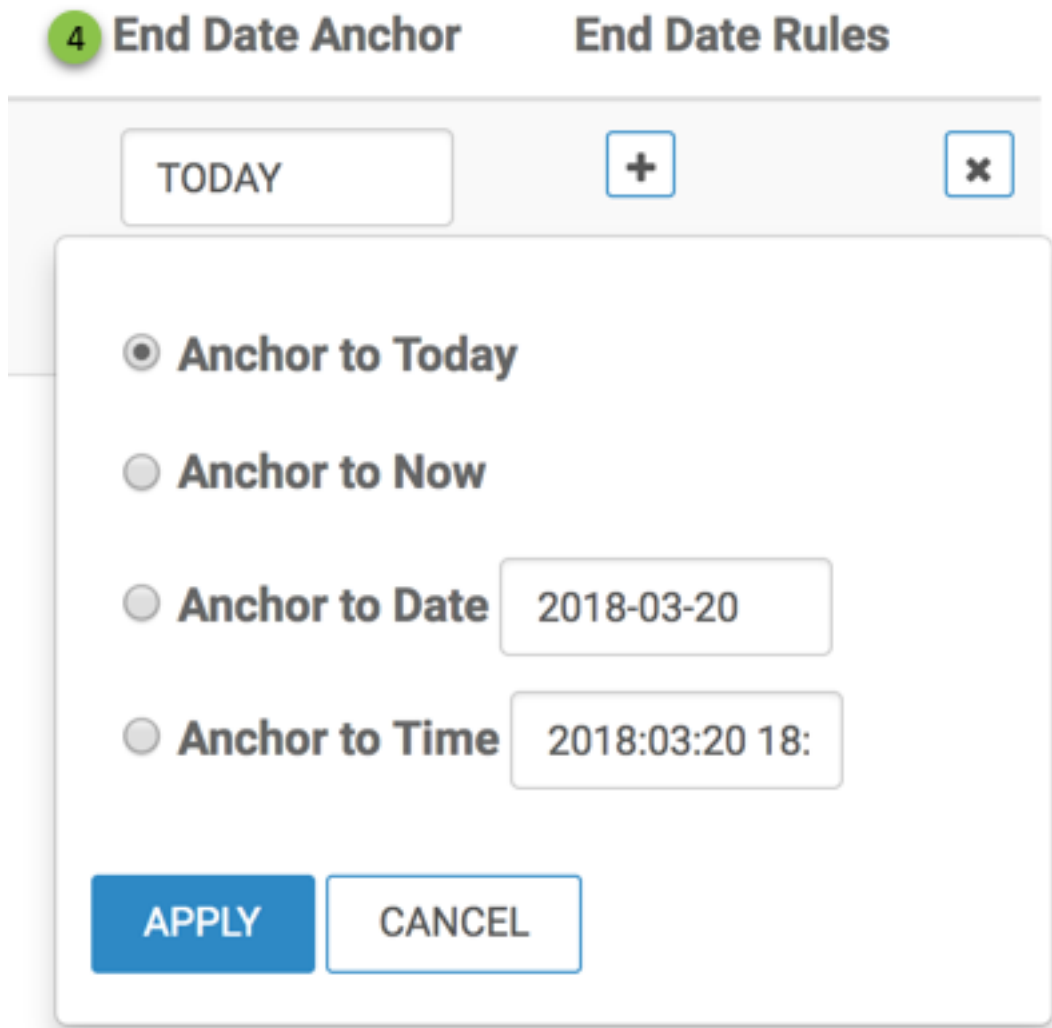


- g) Under End Date Anchor, select one of the options:
 - Anchor to Today (default)
 - Anchor to Now
 - Anchor to Date, which is the current date by default. To specify an alternate date, click in the edit field and select from the calendar interface.

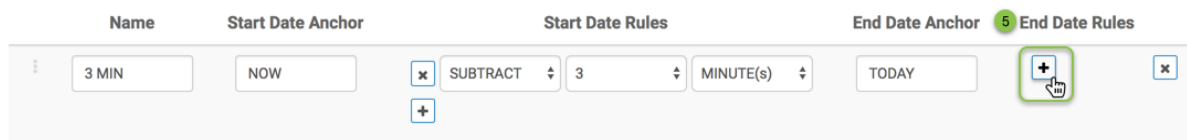
- Anchor to Time, which is the current timestamp by default. To specify an alternate timestamp, click in the edit field and select from the calendar and time interface.

This works just like the Start Date Anchor.

We did not make a selection, and left this setting at default.



- h) Click Apply.
- i) Under End Date Rules, click the Plus icon.



Proceed to specify the first rule:

- j) Click the text box with operations (Add), and select the operation for the date rule:
Add (default), Subtract, Startof, or Endof
- k) Click the text box with numbers, and select the appropriate time offset.
- l) Click the text box with units, and select one of the time units from the menu:
Seconds, Minutes, Hours, Days, Weeks, Months, Years, or Quarters (default).

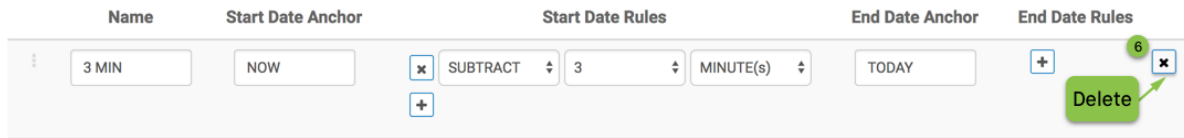
This completes the specification of the first end date rule.

We did not make a selection, and left this setting at default.

To delete or remove a rule, click the Delete icon beside the rule.

To delete or remove a rule, click the Delete icon beside the rule.

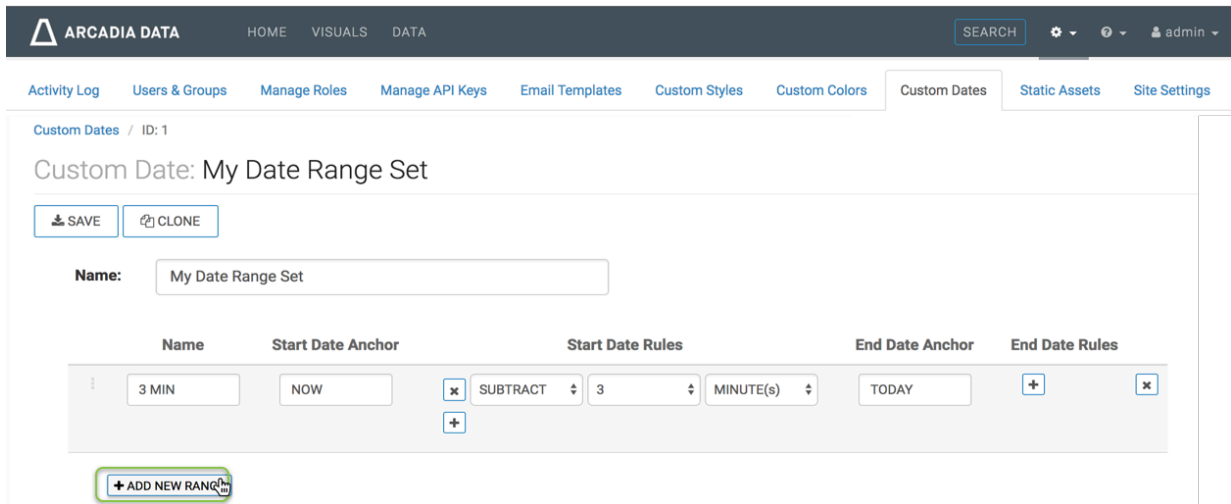
m) To remove the entire date range, click Remove icon at the end of the row that specifies the date range.



5. Click Save at the top of the interface to save the first date range.

Notice that the ID of the set appears at the top of the interface.

6. To create another custom date range, click Add New Range.



7. Following the earlier steps, create additional dateranges. Click Save.

We created the following dateranges in addition to the 3 min:

5 min, 10 min, 15 min, 30 min, 1 hr, 3 hr, 6 hr, 9 hr, 12 hr, 1 day, 3 day, 5 day, 1 wk, 2 wk, 1 month, 2 month, 1 quarter, 2 quarter, 1 year, 2 year, 3 year

Custom Dates / ID: 1

Custom Date: My Date Range Set

[SAVE](#) [CLONE](#)

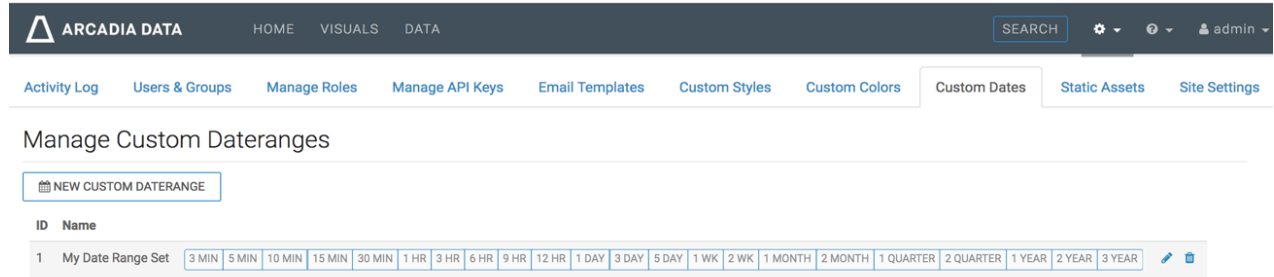
Name:

Name	Start Date Anchor	Start Date Rules	End Date Anchor	End Date Rules
3 MIN	NOW	[x] SUBTRACT [3] MINUTE(s)	TODAY	[+] [x]
5 MIN	NOW	[x] SUBTRACT [5] MINUTE(s)	TODAY	[+] [x]
10 MIN	NOW	[x] SUBTRACT [10] MINUTE(s)	TODAY	[+] [x]
15 MIN	NOW	[x] SUBTRACT [15] MINUTE(s)	TODAY	[+] [x]
30 MIN	NOW	[x] SUBTRACT [30] MINUTE(s)	TODAY	[+] [x]
1 HR	NOW	[x] SUBTRACT [1] HOUR(s)	TODAY	[+] [x]
3 HR	NOW	[x] SUBTRACT [3] HOUR(s)	TODAY	[+] [x]
6 HR	NOW	[x] SUBTRACT [6] HOUR(s)	TODAY	[+] [x]
9 HR	NOW	[x] SUBTRACT [9] HOUR(s)	TODAY	[+] [x]
12 HR	NOW	[x] SUBTRACT [12] HOUR(s)	TODAY	[+] [x]
1 DAY	NOW	[x] SUBTRACT [1] DAY(s)	TODAY	[+] [x]
3 DAY	NOW	[x] SUBTRACT [3] DAY(s)	TODAY	[+] [x]
5 DAY	NOW	[x] SUBTRACT [5] DAY(s)	TODAY	[+] [x]
1 WK	NOW	[x] SUBTRACT [1] WEEK(s)	TODAY	[+] [x]
2 WK	NOW	[x] SUBTRACT [2] WEEK(s)	TODAY	[+] [x]
1 MONTH	NOW	[x] SUBTRACT [1] MONTH(s)	TODAY	[+] [x]
2 MONTH	NOW	[x] SUBTRACT [2] MONTH(s)	TODAY	[+] [x]

8. Click Custom Dates at the top of the interface.

Results

In the Manage Custom Dateranges interface, notice that the list contains the new set, My Date Range Set, with all defined ranges.



Cloning custom date ranges

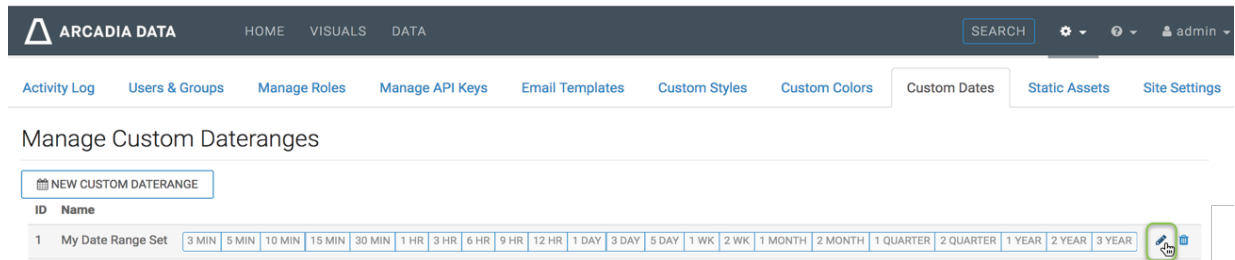
About this task

To create a new set of custom date ranges based on an existing one, you can make a clone of a set, and edit it. Here, we demonstrate how to create My Date Range Set - Fine Control, a subset of My Date Range Set that features dateranges from 3 minutes to 1 hour.

Follow these steps:

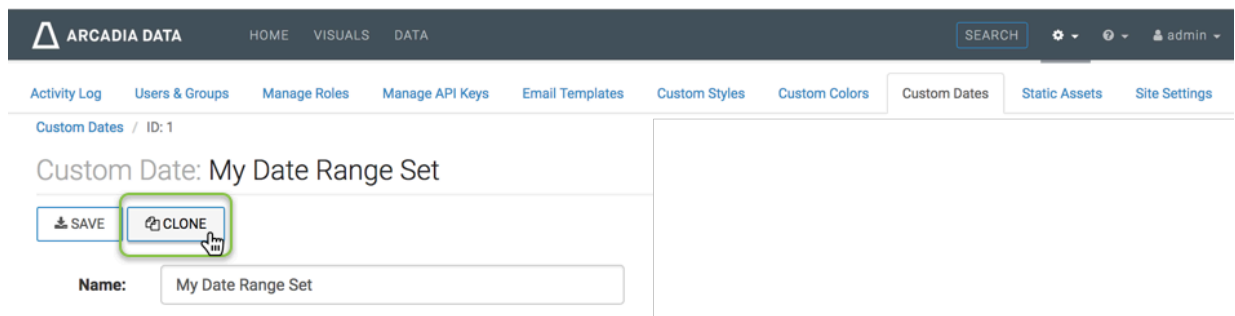
Procedure

1. In the Manage Custom Dateranges interface, click Pencil icon next to the set of date ranges to clone.



2. In the Custom Date interface, click the Clone button.

Notice that the ID at the top of the interface has changed.



3. Change the Name field.

Here, we renamed Clone of My Date Range Set to My Date Range Set - Fine Control.

The image displays two screenshots of the Arcadia Data web application interface, illustrating the process of renaming a custom date range.

Top Screenshot: The page title is "Custom Date: Clone of My Date Range Set". Below the title are two buttons: "SAVE" and "CLONE". The "Name:" field contains the text "Clone of My Date Range Set". A green box highlights this field, and a green arrow points downwards from the bottom of the box to the second screenshot.

Bottom Screenshot: The page title is "Custom Date: Clone of My Date Range Set". Below the title are two buttons: "SAVE" and "CLONE". The "Name:" field now contains the text "My Date Range Set - Fine Control". A green box highlights this field.

4. In the list of ranges, delete the elements longer than 1 hour.

- Click Save at the top of the interface.

- Click Custom Dates at the top of the interface.

In the Manage Custom Dateranges interface, notice that the list contains the new set, My Date Range Set - Fine Control, with a shorter list of ranges than the original set.

- [Optional] Create another set based on My Date Range Set, this time with dateranges of 1 Day or greater. Name it My Date Range Set - Gross Control.

Deleting custom date ranges

About this task

To delete set of custom date ranges, follow these steps:

Procedure

1. In the Manage Custom Dateranges interface, click Trashcan icon next to the set of date ranges to delete.

We are deleting My Date Range Set - Gross Control.

ARCADIA DATA HOME VISUALS DATA SEARCH admin

Activity Log Users & Groups Manage Roles Manage API Keys Email Templates Custom Styles Custom Colors Custom Dates Static Assets Site Settings

Manage Custom Dateranges

NEW CUSTOM DATERANGE

ID	Name	Options	Actions
1	My Date Range Set	3 MIN 5 MIN 10 MIN 15 MIN 30 MIN 1 HR 3 HR 6 HR 9 HR 12 HR 1 DAY 3 DAY 5 DAY 1 WK 2 WK 1 MONTH 2 MONTH 1 QUARTER 2 QUARTER 1 YEAR 2 YEAR 3 YEAR	
2	My Date Range Set - Fine Control	3 MIN 5 MIN 10 MIN 15 MIN 30 MIN 1 HR	
3	My Date Range Set - Gross Control	1 DAY 3 DAY 5 DAY 1 WK 2 WK 1 MONTH 2 MONTH 1 QUARTER 2 QUARTER 1 YEAR 2 YEAR 3 YEAR	

2. In the Delete Confirmation window modal, type DELETE, and then click the Delete button.

Delete Confirmation

Custom Date My Date Range Set - Gross Control will be deleted

To confirm, type the word DELETE in the field below and then click the Delete button.

DELETE

CANCEL DELETE

Results

In the Manage Custom Dateranges interface, notice that the list no longer has the deleted set.

ARCADIA DATA HOME VISUALS DATA SEARCH admin

Activity Log Users & Groups Manage Roles Manage API Keys Email Templates Custom Styles Custom Colors Custom Dates Static Assets Site Settings

Manage Custom Dateranges

NEW CUSTOM DATERANGE

ID	Name	Options	Actions
1	My Date Range Set	3 MIN 5 MIN 10 MIN 15 MIN 30 MIN 1 HR 3 HR 6 HR 9 HR 12 HR 1 DAY 3 DAY 5 DAY 1 WK 2 WK 1 MONTH 2 MONTH 1 QUARTER 2 QUARTER 1 YEAR 2 YEAR 3 YEAR	
2	My Date Range Set - Fine Control	3 MIN 5 MIN 10 MIN 15 MIN 30 MIN 1 HR	