Google Calendar Event operations

# Google Calendar Event operations#

Use these operations to create, delete, get, and update events in Google Calendar. Refer to Google Calendar for more information on the Google Calendar node itself.

## Create#

Use this operation to add an event to a Google Calendar.

Enter these parameters:

• Credential to connect with: Create or select an existing Google Calendar credentials.

• Resource: Select Event.

• Operation: Select Create.

• Calendar: Choose a calendar you want to add an event to. Select From list to choose the title from the dropdown list or By ID to enter a calendar ID.

• Start Time: The start time for the event. By default, uses an expression evaluating to the current time ({{ $now }}).

{{ $now }}

• End Time: The end time for the event. By default, this uses an expression evaluating to an hour from now ({{ $now.plus(1, 'hour') }}).

{{ $now.plus(1, 'hour') }}

• Use Default Reminders: Whether to enable default reminders for the event according to the calendar configuration.

### Options#

• All Day: Whether the event is all day or not.

• Attendees: Attendees to invite to the event.

• Color Name or ID: The color of the event. Choose from the list or specify the ID using an expression.

• Conference Data: Creates a conference link (Hangouts, Meet, etc.) and attaches it to the event.

• Description: A description for the event.

• Guests Can Invite Others: Whether attendees other than the organizer can invite others to the event.

• Guests Can Modify: Whether attendees other than the organizer can modify the event.

• Guests Can See Other Guests: Whether attendees other than the organizer can see who the event's attendees are.

• ID: Opaque identifier of the event.

• Location: Geographic location of the event as free-form text.

• Max Attendees: The maximum number of attendees to include in the response. If there are more than the specified number of attendees, only returns the participant.

• Repeat Frequency: The repetition interval for recurring events.

• Repeat How Many Times?: The number of instances to create for recurring events.

• Repeat Until: The date at which recurring events should stop.

• RRULE: Recurrence rule. When set, ignores the Repeat Frequency, Repeat How Many Times, and Repeat Until parameters.

• Send Updates: Whether to send notifications about the creation of the new event.

• Show Me As: Whether the event blocks time on the calendar.

• Summary: The title of the event.

Refer to the Events: insert | Google Calendar API documentation for more information.

## Delete#

Use this operation to delete an event from a Google Calendar.

Enter these parameters:

• Credential to connect with: Create or select an existing Google Calendar credentials.

• Resource: Select Event.

• Operation: Select Delete.

• Calendar: Choose a calendar you want to delete an event from. Select From list to choose the title from the dropdown list or By ID to enter a calendar ID.

• Event ID: The ID of the event to delete.

### Options#

• Send Updates: Whether to send notifications about the deletion of the event.

Refer to the Events: delete | Google Calendar API documentation for more information.

## Get#

Use this operation to retrieve an event from a Google Calendar.

Enter these parameters:

• Credential to connect with: Create or select an existing Google Calendar credentials.

• Resource: Select Event.

• Operation: Select Get.

• Calendar: Choose a calendar you want to get an event from. Select From list to choose the title from the dropdown list or By ID to enter a calendar ID.

• Event ID: The ID of the event to get.

### Options#

• Max Attendees: The maximum number of attendees to include in the response. If there are more than the specified number of attendees, only returns the participant.

• Return Next Instance of Recurrent Event: Whether to return the next instance of a recurring event instead of the event itself.

• Timezone: The timezone used in the response. By default, uses the n8n timezone.

Refer to the Events: get | Google Calendar API documentation for more information.

## Get Many#

Use this operation to retrieve more than one event from a Google Calendar.

Enter these parameters:

• Credential to connect with: Create or select an existing Google Calendar credentials.

• Resource: Select Event.

• Operation: Select Get Many.

• Calendar: Choose a calendar you want to get an event from. Select From list to choose the title from the dropdown list or By ID to enter a calendar ID.

• Return All: Whether to return all results or only up to a given limit.

• Limit: (When "Return All" isn't selected) The maximum number of results to return.

• After: Retrieve events that occur after this time. At least part of the event must be after this time. By default, this uses an expression evaluating to the current time ({{ $now }}). Switch the field to "fixed" to select a date from a date widget.

{{ $now }}

• Before: Retrieve events that occur before this time. At least part of the event must be before this time. By default, this uses an expression evaluating to the current time plus a week ({{ $now.plus({ week: 1 }) }}). Switch the field to "fixed" to select a date from a date widget.

{{ $now.plus({ week: 1 }) }}

### Options#

• Fields: Specify the fields to return. By default, returns a set of commonly used fields predefined by Google. Use "\*" to return all fields. You can find out more in Google Calendar's documentation on working with partial resources.

• iCalUID: Specifies an event ID (in the iCalendar format) to include in the response.

• Max Attendees: The maximum number of attendees to include in the response. If there are more than the specified number of attendees, only returns the participant.

• Order By: The order to use for the events in the response.

• Query: Free text search terms to find events that match. This searches all fields except for extended properties.

• Recurring Event Handling: What to do for recurring events:  
All Occurrences: Return all instances of the recurring event for the specified time range.  
First Occurrence: Return the first event of a recurring event within the specified time range.  
Next Occurrence: Return the next instance of a recurring event within the specified time range.

• All Occurrences: Return all instances of the recurring event for the specified time range.

• First Occurrence: Return the first event of a recurring event within the specified time range.

• Next Occurrence: Return the next instance of a recurring event within the specified time range.

• Show Deleted: Whether to include deleted events (with status equal to "cancelled") in the results.

• Show Hidden Invitations: Whether to include hidden invitations in the results.

• Timezone: The timezone used in the response. By default, uses the n8n timezone.

• Updated Min: The lower bounds for an event's last modification time (as an RFC 3339 timestamp)

Refer to the Events: list | Google Calendar API documentation for more information.

## Update#

Use this operation to update an event in a Google Calendar.

Enter these parameters:

• Credential to connect with: Create or select an existing Google Calendar credentials.

• Resource: Select Event.

• Operation: Select Update.

• Calendar: Choose a calendar you want to add an event to. Select From list to choose the title from the dropdown list or By ID to enter a calendar ID.

• Event ID: The ID of the event to update.

• Modify: For recurring events, choose whether to update the recurring event or a specific instance of the recurring event.

• Use Default Reminders: Whether to enable default reminders for the event according to the calendar configuration.

• Update Fields: The fields of the event to update:  
All Day: Whether the event is all day or not.  
Attendees: Attendees to invite to the event. You can choose to either add attendees or replace the existing attendee list.  
Color Name or ID: The color of the event. Choose from the list or specify the ID using an expression.  
Description: A description for the event.  
End: The end time of the event.  
Guests Can Invite Others: Whether attendees other than the organizer can invite others to the event.  
Guests Can Modify: Whether attendees other than the organizer can make changes to the event.  
Guests Can See Other Guests: Whether attendees other than the organizer can see who the event's attendees are.  
ID: Opaque identifier of the event.  
Location: Geographic location of the event as free-form text.  
Max Attendees: The maximum number of attendees to include in the response. If there are more than the specified number of attendees, only returns the participant.  
Repeat Frequency: The repetition interval for recurring events.  
Repeat How Many Times?: The number of instances to create for recurring events.  
Repeat Until: The date at which recurring events should stop.  
RRULE: Recurrence rule. When set, ignores the Repeat Frequency, Repeat How Many Times, and Repeat Until parameters.  
Send Updates: Whether to send notifications about the creation of the new event.  
Show Me As: Whether the event blocks time on the calendar.  
Start: The start time of the event.  
Summary: The title of the event.  
Visibility: The visibility of the event:  
Confidential: The event is private. This value is provided for compatibility.  
Default: Uses the default visibility for events on the calendar.  
Public: The event is public and the event details are visible to all readers of the calendar.  
Private: The event is private and only event attendees may view event details.

• All Day: Whether the event is all day or not.

• Attendees: Attendees to invite to the event. You can choose to either add attendees or replace the existing attendee list.

• Color Name or ID: The color of the event. Choose from the list or specify the ID using an expression.

• Description: A description for the event.

• End: The end time of the event.

• Guests Can Invite Others: Whether attendees other than the organizer can invite others to the event.

• Guests Can Modify: Whether attendees other than the organizer can make changes to the event.

• Guests Can See Other Guests: Whether attendees other than the organizer can see who the event's attendees are.

• ID: Opaque identifier of the event.

• Location: Geographic location of the event as free-form text.

• Max Attendees: The maximum number of attendees to include in the response. If there are more than the specified number of attendees, only returns the participant.

• Repeat Frequency: The repetition interval for recurring events.

• Repeat How Many Times?: The number of instances to create for recurring events.

• Repeat Until: The date at which recurring events should stop.

• RRULE: Recurrence rule. When set, ignores the Repeat Frequency, Repeat How Many Times, and Repeat Until parameters.

• Send Updates: Whether to send notifications about the creation of the new event.

• Show Me As: Whether the event blocks time on the calendar.

• Start: The start time of the event.

• Summary: The title of the event.

• Visibility: The visibility of the event:  
Confidential: The event is private. This value is provided for compatibility.  
Default: Uses the default visibility for events on the calendar.  
Public: The event is public and the event details are visible to all readers of the calendar.  
Private: The event is private and only event attendees may view event details.

• Confidential: The event is private. This value is provided for compatibility.

• Default: Uses the default visibility for events on the calendar.

• Public: The event is public and the event details are visible to all readers of the calendar.

• Private: The event is private and only event attendees may view event details.

Refer to the Events: update | Google Calendar API documentation for more information.