

# Calendar APIs.

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The document contains all the APIs related to the Calendar endpoints.

## Create Event Preset

## successful request

```
POST /plan-it/calendar/users/20/presets HTTP/1.1
Content-Type: application/json;charset=UTF-8
Accept: application/json
Content-Length: 905
Host: localhost:8080
```

```
{"event_preset":{"id_event_preset":1,"name":"Test
1","break_into_smaller_events":false,"min_length_of_single_event":null,"max_length_of_
single_event":null,"shared_presets":[],"guests":[{"id_event_guest":1,"entity_EventPre
set":null,"email":"test@gmail.com","obligatory":true},{"id_event_guest":2,"entity_Even
tPreset":null,"email":"test2@gmail.com","obligatory":true},{"id_event_guest":3,"entity
_EventPreset":null,"email":"test3@gmail.com","obligatory":true}],"preset_availability"
:[{"id_preset_availability":1,"entity_EventPreset":null,"day":"THURSDAY","start_availa
ble_time":null,"end_available_time":null,"day_off":false},{"id_preset_availability":2,
"entity_EventPreset":null,"day":"MONDAY","start_available_time":null,"end_available_ti
me":null,"day_off":true},{"id_preset_availability":3,"entity_EventPreset":null,"day":"
SATURDAY","start_available_time":null,"end_available_time":null,"day_off":true}]}
```

## successful response

```
HTTP/1.1 201 Created
Vary: Origin
Vary: Access-Control-Request-Method
Vary: Access-Control-Request-Headers
Content-Type: application/json
X-Content-Type-Options: nosniff
X-XSS-Protection: 1; mode=block
Cache-Control: no-cache, no-store, max-age=0, must-revalidate
Pragma: no-cache
Expires: 0
X-Frame-Options: DENY
Content-Length: 905
```

```
{"event_preset":{"id_event_preset":1,"name":"Test
1","break_into_smaller_events":false,"min_length_of_single_event":null,"max_length_of_
single_event":null,"shared_presets":[],"guests":[{"id_event_guest":1,"entity_EventPre
set":null,"email":"test@gmail.com","obligatory":true},{"id_event_guest":2,"entity_Even
tPreset":null,"email":"test2@gmail.com","obligatory":true},{"id_event_guest":3,"entity
_EventPreset":null,"email":"test3@gmail.com","obligatory":true}],"preset_availability"
:[{"id_preset_availability":1,"entity_EventPreset":null,"day":"THURSDAY","start_availa
ble_time":null,"end_available_time":null,"day_off":false},{"id_preset_availability":2,
"entity_EventPreset":null,"day":"MONDAY","start_available_time":null,"end_available_ti
me":null,"day_off":true},{"id_preset_availability":3,"entity_EventPreset":null,"day":"
SATURDAY","start_available_time":null,"end_available_time":null,"day_off":true}]}
```

# all possible path parameters

Table 1. /plan-it/calendar/users/{planit-user-id}/presets

Parameter	Description
planit-user-id	the id of the PlanIt User for whom the preset will be created

# all possible request attributes

Path	Type	Description
event_preset.name	class java.lang.String	The name of the preset to be created
event_preset.break_into_smaller_events	class java.lang.Boolean	The event should be broken into smaller events if no timeslot was found with the provided event duration.
event_preset.min_length_of_single_event	class java.lang.Integer	The minimum duration for a small event (in minutes) in case "break_into_smaller_events" is set to true.
event_preset.max_length_of_single_event	class java.lang.Integer	The maximum duration for a small event (in minutes) in case "break_into_smaller_events" is set to true.
guests[]	Array	List of guests that should always be invited when the parent preset is selected
guests[].email	class java.lang.String	The email of the guest
guests[].obligatory	class java.lang.Boolean	The guest's attendance in the event is obligatory
preset_availability[]	Array	List of days availabilities that should be taken into account when scheduling an event
preset_availability[].day	class java.lang.String	The day of availability
preset_availability[].start_available_time	class java.sql.Time	The start hour after when events can be created. The time is provided in the following format HH:mm

Path	Type	Description
preset_availability[].end_avai lable_time	class java.sql.Time	The end hour before when events can be created. The time is provided in the following format HH:mm
preset_availability[].day_off	class java.lang.Boolean	No events can be created in this day

## all possible response attributes

Path	Type	Description
event_preset.name	class java.lang.String	The name of the preset to be created
event_preset.break_into_smalle r_events	class java.lang.Boolean	The event should be broken into smaller events if no timeslot was found with the provided event duration.
event_preset.id_event_preset	class java.lang.Integer	The identifier of the Preset record, unique
event_preset.min_length_of_sin gle_event	class java.lang.Integer	The minimum duration for a small event (in minutes) in case "break_into_smaller_events" is set to true.
event_preset.max_length_of_sin gle_event	class java.lang.Integer	The maximum duration for a small event (in minutes) in case "break_into_smaller_events" is set to true.
guests[].id_event_guest	class java.lang.Integer	The identifier of the Preset Guest record, unique
guests[]	Array	List of guests that should always be invites when the parent preset is selected
guests[].email	class java.lang.String	The email of the guest
guests[].obligatory	class java.lang.Boolean	The guest's attendance in the event is obligatory
preset_availability[]	Array	List of days availabilities that should be taken into account when scheduling an event
preset_availability[].id_prese t_availability	class java.lang.Integer	The identifier of the Preset Availability record, unique
preset_availability[].day	class java.lang.String	The day of availability

Path	Type	Description
<code>preset_availability[].start_available_time</code>	<code>class java.sql.Time</code>	The start hour after when events can be created. The time is provided in the following format HH:mm
<code>preset_availability[].end_available_time</code>	<code>class java.sql.Time</code>	The end hour before when events can be created. The time is provided in the following format HH:mm
<code>preset_availability[].day_off</code>	<code>class java.lang.Boolean</code>	No events can be created in this day

## Get Event Presets

### successful request

```
GET /plan-it/calendar/users/1/presets HTTP/1.1
Accept: application/json
Host: localhost:8080
```

### successful response

```
HTTP/1.1 200 OK
Vary: Origin
Vary: Access-Control-Request-Method
Vary: Access-Control-Request-Headers
Content-Type: application/json
X-Content-Type-Options: nosniff
X-XSS-Protection: 1; mode=block
Cache-Control: no-cache, no-store, max-age=0, must-revalidate
Pragma: no-cache
Expires: 0
X-Frame-Options: DENY
Content-Length: 1756
```

```
[{"event_preset":{"id_event_preset":2,"name":"Test
2","break_into_smaller_events":true,"min_length_of_single_event":30,"max_length_of_single_event":60,"shared_presets":[]},"guests":[{"id_event_guest":4,"entity_EventPreset":null,"email":"test@gmail.com","obligatory":true}, {"id_event_guest":5,"entity_EventPreset":null,"email":"test5@gmail.com","obligatory":false}], "preset_availability":[{"id_preset_availability":4,"entity_EventPreset":null,"day":"TUESDAY","start_available_time":"09:00:00","end_available_time":"17:00:00","day_off":false}, {"id_preset_availability":5,"entity_EventPreset":null,"day":"SATURDAY","start_available_time":null,"end_available_time":null,"day_off":true}, {"id_preset_availability":6,"entity_EventPreset":null,"da
```

```
y": "SUNDAY", "start_available_time": null, "end_available_time": null, "day_off": true}}], {"event_preset": {"id_event_preset": 1, "name": "Test 1", "break_into_smaller_events": false, "min_length_of_single_event": null, "max_length_of_single_event": null, "shared_presets": [], "guests": [{"id_event_guest": 1, "entity_EventPreset": null, "email": "test@gmail.com", "obligatory": true}, {"id_event_guest": 2, "entity_EventPreset": null, "email": "test2@gmail.com", "obligatory": false}, {"id_event_guest": 3, "entity_EventPreset": null, "email": "test3@gmail.com", "obligatory": false}], "preset_availability": [{"id_preset_availability": 1, "entity_EventPreset": null, "day": "THURSDAY", "start_available_time": "09:00:00", "end_available_time": "17:00:00", "day_off": false}, {"id_preset_availability": 2, "entity_EventPreset": null, "day": "MONDAY", "start_available_time": "09:00:00", "end_available_time": "17:00:00", "day_off": false}, {"id_preset_availability": 3, "entity_EventPreset": null, "day": "SATURDAY", "start_available_time": null, "end_available_time": null, "day_off": true}]}}
```

## all possible path parameters

Table 2. `/plan-it/calendar/users/{planit-user-id}/presets`

Parameter	Description
<code>planit-user-id</code>	The id of the PlanIt User whose presets should be returned

## all possible response attributes

Path	Type	Description
<code>[].event_preset</code>	<code>class java.lang.String</code>	The preset information
<code>[].event_preset.name</code>	<code>class java.lang.String</code>	The name of the preset to be created
<code>[].event_preset.break_into_smaller_events</code>	<code>class java.lang.Boolean</code>	The event should be broken into smaller events if no timeslot was found with the provided event duration.
<code>[].event_preset.min_length_of_single_event</code>	<code>class java.lang.Integer</code>	The minimum duration for a small event (in minutes) in case "break_into_smaller_events" is set to true.
<code>[].event_preset.id_event_preset</code>	<code>class java.lang.Integer</code>	The identifier of the Preset record, unique
<code>[].event_preset.max_length_of_single_event</code>	<code>class java.lang.Integer</code>	The maximum duration for a small event (in minutes) in case "break_into_smaller_events" is set to true.
<code>[].guests[].id_event_guest</code>	<code>class java.lang.Integer</code>	The identifier of the Guest record, unique

Path	Type	Description
<code>[].guests[]</code>	Array	List of guests that should always be invited when the parent preset is selected
<code>[].guests[].email</code>	<code>class java.lang.String</code>	The email of the guest
<code>[].guests[].obligatory</code>	<code>class java.lang.Boolean</code>	The guest's attendance in the event is obligatory
<code>[].preset_availability[]</code>	Array	List of days availabilities that should be taken into account when scheduling an event
<code>[].preset_availability[].id_preset_availability</code>	<code>class java.lang.Integer</code>	The identifier of the Availability record, unique
<code>[].preset_availability[].day</code>	<code>class java.lang.String</code>	The day of availability
<code>[].preset_availability[].start_available_time</code>	<code>class java.sql.Time</code>	The start hour after when events can be created. The time is provided in the following format HH:mm
<code>[].preset_availability[].end_available_time</code>	<code>class java.sql.Time</code>	The end hour before when events can be created. The time is provided in the following format HH:mm
<code>[].preset_availability[].day_off</code>	<code>class java.lang.Boolean</code>	No events can be created in this day

## Update Event Preset

### successful request

```
PATCH /plan-it/calendar/users/20/presets HTTP/1.1
Content-Type: application/json;charset=UTF-8
Accept: application/json
Content-Length: 905
Host: localhost:8080
```

```
{"event_preset":{"id_event_preset":4,"name":"Test
1","break_into_smaller_events":false,"min_length_of_single_event":null,"max_length_of_
single_event":null,"shared_presets":[],"guests":[{"id_event_guest":3,"entity_EventPre
set":null,"email":"test@gmail.com","obligatory":true},{"id_event_guest":4,"entity_Even
tPreset":null,"email":"test2@gmail.com","obligatory":true},{"id_event_guest":5,"entity
_EventPreset":null,"email":"test3@gmail.com","obligatory":true}],"preset_availability"
:[{"id_preset_availability":3,"entity_EventPreset":null,"day":"THURSDAY","start_availa
ble_time":null,"end_available_time":null,"day_off":false},{"id_preset_availability":4,
"entity_EventPreset":null,"day":"MONDAY","start_available_time":null,"end_available_ti
```

```
me":null,"day_off":true},{ "id_preset_availability":5,"entity_EventPreset":null,"day":"SATURDAY","start_available_time":null,"end_available_time":null,"day_off":true}]}
```

## successful response

```
HTTP/1.1 200 OK
Vary: Origin
Vary: Access-Control-Request-Method
Vary: Access-Control-Request-Headers
Content-Type: application/json
X-Content-Type-Options: nosniff
X-XSS-Protection: 1; mode=block
Cache-Control: no-cache, no-store, max-age=0, must-revalidate
Pragma: no-cache
Expires: 0
X-Frame-Options: DENY
Content-Length: 905
```

```
{"event_preset":{"id_event_preset":4,"name":"Test
1","break_into_smaller_events":false,"min_length_of_single_event":null,"max_length_of_
single_event":null,"shared_presets":[],"guests":[{"id_event_guest":3,"entity_EventPre
set":null,"email":"test@gmail.com","obligatory":true},{"id_event_guest":4,"entity_Even
tPreset":null,"email":"test2@gmail.com","obligatory":true},{"id_event_guest":5,"entity
_EventPreset":null,"email":"test3@gmail.com","obligatory":true}],"preset_availability"
:[{"id_preset_availability":3,"entity_EventPreset":null,"day":"THURSDAY","start_availa
ble_time":null,"end_available_time":null,"day_off":false},{"id_preset_availability":4,
"entity_EventPreset":null,"day":"MONDAY","start_available_time":null,"end_available_ti
me":null,"day_off":true},{"id_preset_availability":5,"entity_EventPreset":null,"day":"
SATURDAY","start_available_time":null,"end_available_time":null,"day_off":true}]}
```

## all possible path parameters

Table 3. `/plan-it/calendar/users/{planit-user-id}/presets`

Parameter	Description
<code>planit-user-id</code>	the id of the PlanIt User who requested the update

## all possible request attributes

Path	Type	Description
<code>event_preset.name</code>	<code>class java.lang.String</code>	The new name of the preset



Path	Type	Description
event_preset.break_into_smaller_events	class java.lang.Boolean	The event should be broken into smaller events if no timeslot was found with the provided event duration.
event_preset.id_event_preset	Number	The original identifier of the Event Preset record
event_preset.min_length_of_single_event	class java.lang.Integer	The minimum duration for a small event (in minutes) in case "break_into_smaller_events" is set to true.
event_preset.max_length_of_single_event	class java.lang.Integer	The maximum duration for a small event (in minutes) in case "break_into_smaller_events" is set to true.
guests[].id_event_guest	class java.lang.Integer	The original identifier of the Preset Guest record
guests[]	Array	List of guests that should always be invites when the parent preset is selected
guests[].email	class java.lang.String	The email of the guest
guests[].obligatory	class java.lang.Boolean	The guest's attendance in the event is obligatory
preset_availability[]	Array	List of days availabilities that should be taken into account when scheduling an event
preset_availability[].id_preset_availability	class java.lang.Integer	The original identifier of the Preset Availability record
preset_availability[].day	class java.lang.String	The day of availability
preset_availability[].start_available_time	class java.sql.Time	The start hour after when events can be created. The time is provided in the following format HH:mm
preset_availability[].end_available_time	class java.sql.Time	The end hour before when events can be created. The time is provided in the following format HH:mm
preset_availability[].day_off	class java.lang.Boolean	No events can be created in this day

## all possible response attributes

Path	Type	Description
event_preset.name	class java.lang.String	The name of the preset to be created
event_preset.break_into_smaller_events	class java.lang.Boolean	The event should be broken into smaller events if no timeslot was found with the provided event duration.
event_preset.id_event_preset	class java.lang.Integer	The identifier of the Preset record, unique
event_preset.min_length_of_single_event	class java.lang.Integer	The minimum duration for a small event (in minutes) in case "break_into_smaller_events" is set to true.
event_preset.max_length_of_single_event	class java.lang.Integer	The maximum duration for a small event (in minutes) in case "break_into_smaller_events" is set to true.
guests[].id_event_guest	class java.lang.Integer	The identifier of the Preset Guest record, unique
guests[]	Array	List of guests that should always be invites when the parent preset is selected
guests[].email	class java.lang.String	The email of the guest
guests[].obligatory	class java.lang.Boolean	The guest's attendance in the event is obligatory
preset_availability[]	Array	List of days availabilities that should be taken into account when scheduling an event
preset_availability[].id_preset_availability	class java.lang.Integer	The identifier of the Preset Availability record, unique
preset_availability[].day	class java.lang.String	The day of availability
preset_availability[].start_available_time	class java.sql.Time	The start hour after when events can be created. The time is provided in the following format HH:mm
preset_availability[].end_available_time	class java.sql.Time	The end hour before when events can be created. The time is provided in the following format HH:mm

Path	Type	Description
<code>preset_availability[].day_off</code>	<code>class java.lang.Boolean</code>	No events can be created in this day

## Delete Event Preset

### successful request

```
DELETE /plan-it/calendar/users/1/presets/1 HTTP/1.1
Accept: application/json
Host: localhost:8080
```

### successful response

```
HTTP/1.1 200 OK
Vary: Origin
Vary: Access-Control-Request-Method
Vary: Access-Control-Request-Headers
X-Content-Type-Options: nosniff
X-XSS-Protection: 1; mode=block
Cache-Control: no-cache, no-store, max-age=0, must-revalidate
Pragma: no-cache
Expires: 0
X-Frame-Options: DENY
```

## all possible path parameters

Table 4. `/plan-it/calendar/users/{preset-id}/presets/{planit-user-id}`

Parameter	Description
<code>planit-user-id</code>	the id of the PlanIt User who requested the delete
<code>preset-id</code>	the id of the preset to be deleted

## Create Event

### successful request

```
POST /plan-it/calendar/events HTTP/1.1
Content-Type: application/json;charset=UTF-8
Accept: application/json
```

Content-Length: 1156  
Host: localhost:8080

```
{
  "name": "TEST",
  "summary": "Summary TEST",
  "location": "PWR",
  "description": "this is a unit test",
  "event_preset_detail": {
    "event_preset": {
      "id_event_preset": null,
      "name": "Test 1",
      "break_into_smaller_events": false,
      "min_length_of_single_event": null,
      "max_length_of_single_event": null,
      "shared_presets": [],
      "guests": [
        {
          "id_event_guest": null,
          "entity_EventPreset": null,
          "email": "test@gmail.com",
          "obligatory": true
        },
        {
          "id_event_guest": null,
          "entity_EventPreset": null,
          "email": "test2@gmail.com",
          "obligatory": true
        },
        {
          "id_event_guest": null,
          "entity_EventPreset": null,
          "email": "test3@gmail.com",
          "obligatory": true
        }
      ],
      "preset_availability": [
        {
          "id_preset_availability": null,
          "entity_EventPreset": null,
          "day": "THURSDAY",
          "start_available_time": null,
          "end_available_time": null,
          "day_off": false
        },
        {
          "id_preset_availability": null,
          "entity_EventPreset": null,
          "day": "MONDAY",
          "start_available_time": null,
          "end_available_time": null,
          "day_off": true
        },
        {
          "id_preset_availability": null,
          "entity_EventPreset": null,
          "day": "SATURDAY",
          "start_available_time": null,
          "end_available_time": null,
          "day_off": true
        }
      ],
      "owner_email": "owner@email.com",
      "start_date": "2022-01-10 12:00:00",
      "end_date": "2022-02-10 12:00:00",
      "duration": 60
    }
  }
}
```

## successful response

HTTP/1.1 201 Created  
Vary: Origin  
Vary: Access-Control-Request-Method  
Vary: Access-Control-Request-Headers  
Content-Type: application/json  
X-Content-Type-Options: nosniff  
X-XSS-Protection: 1; mode=block  
Cache-Control: no-cache, no-store, max-age=0, must-revalidate  
Pragma: no-cache  
Expires: 0  
X-Frame-Options: DENY  
Content-Length: 143

```
{
  "start_date": {
    "value": 1642690800000,
    "dateOnly": false,
    "timeZoneShift": 0
  },
  "end_date": {
    "value": 1642694400000,
    "dateOnly": false,
    "timeZoneShift": 0
  }
}
```

## all possible request attributes

Path	Type	Description
<code>event_preset.name</code>	<code>class java.lang.String</code>	The name of the preset to be created
<code>event_preset.break_into_smaller_events</code>	<code>class java.lang.Boolean</code>	The event should be broken into smaller events if no timeslot was found with the provided event duration.

Path	Type	Description
event_preset.min_length_of_single_event	class java.lang.Integer	The minimum duration for a small event (in minutes) in case "break_into_smaller_events" is set to true.
event_preset.max_length_of_single_event	class java.lang.Integer	The maximum duration for a small event (in minutes) in case "break_into_smaller_events" is set to true.
guests[]	Array	List of guests that should always be invites when the parent preset is selected
guests[].email	class java.lang.String	The email of the guest
guests[].obligatory	class java.lang.Boolean	The guest's attendance in the event is obligatory
preset_availability[]	Array	List of days availabilities that should be taken into account when scheduling an event
preset_availability[].day	class java.lang.String	The day of availability
preset_availability[].start_available_time	class java.sql.Time	The start hour after when events can be created. The time is provided in the following format HH:mm
preset_availability[].end_available_time	class java.sql.Time	The end hour before when events can be created. The time is provided in the following format HH:mm
preset_availability[].day_off	class java.lang.Boolean	No events can be created in this day

## all possible response attributes

Path	Type	Description
start_date	class com.google.api.client.util.DateTIme	The scheduled event start date
start_date.value	class java.lang.Long	Date/time value expressed as the number of ms since the Unix epoch.
start_date.dateOnly	class java.lang.Boolean	Specifies whether this is a date-only value.

Path	Type	Description
<code>start_date.timeZoneShift</code>	<code>class java.lang.Integer</code>	Time zone shift from UTC in minutes or 0 for date-only value.
<code>end_date</code>	<code>class com.google.api.client.util.DateTime</code>	The scheduled event end date
<code>end_date.value</code>	<code>class java.lang.Long</code>	Date/time value expressed as the number of ms since the Unix epoch.
<code>end_date.dateOnly</code>	<code>class java.lang.Boolean</code>	Specifies whether this is a date-only value.
<code>end_date.timeZoneShift</code>	<code>class java.lang.Integer</code>	Time zone shift from UTC in minutes or 0 for date-only value.

## Share Preset Event

### successful request

```
POST /plan-it/calendar/presets/share HTTP/1.1
Content-Type: application/json;charset=UTF-8
Accept: application/json
Content-Length: 87
Host: localhost:8080
```

```
{"inviter_email":"inviter@email.com","invitee_email":"invitee@email.com","preset_id":1
}
```

### successful response

```
HTTP/1.1 201 Created
Vary: Origin
Vary: Access-Control-Request-Method
Vary: Access-Control-Request-Headers
X-Content-Type-Options: nosniff
X-XSS-Protection: 1; mode=block
Cache-Control: no-cache, no-store, max-age=0, must-revalidate
Pragma: no-cache
Expires: 0
X-Frame-Options: DENY
```

## all possible request attributes

Path	Type	Description
inviter_email	String	the email of the inviter
invitee_email	String	the email of the invitee
preset_id	Number	the id of the preset to be shared