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 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

Path	Type	Description
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

Path	Type	Description
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

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_sin
gle_event":60,"shared_presets":[]},"guests":[{"id_event_guest":4,"entity_EventPreset":
null,"email":"test@gmail.com","obligatory":true},{"id_event_guest":5,"entity_EventPres
et":null,"email":"test5@gmail.com","obligatory":false}],"preset_availability":[{"id_pr
eset_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_availabl
e_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_EventPre
set":null,"email":"test@gmail.com","obligatory":true},{"id_event_guest":2,"entity_Even
tPreset":null,"email":"test2@gmail.com","obligatory":false},{"id_event_guest":3,"entit
y_EventPreset":null,"email":"test3@gmail.com","obligatory":false}],"preset_availabilit
y":[{"id_preset_availability":1,"entity_EventPreset":null,"day":"THURSDAY","start_avai
lable_time":"09:00:00","end_available_time":"17:00:00","day_off":false},{"id_preset_av
ailability":2,"entity_EventPreset":null,"day":"MONDAY","start_available_time":"09:00:0
0","end_available_time":"17:00:00","day_off":false},{"id_preset_availability":3,"entit
y_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
planit-user-id	The id of the PlanIt User whose presets should be returned

all possible response attributes

Path	Type	Description
[].event_preset	class java.lang.String	The preset information
[].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.id_event_preset	class java.lang.Integer	The identifier of the Preset record, unique
[].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 Guest record, unique

Path	Type	Description
`[].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_pr eset_availability`	`class java.lang.Integer`	The identifier of the 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_a vailable_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_o ff`	`class java.lang.Boolean`	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
planit-user-id	the id of the PlanIt User who requested the update

all possible request attributes

Path	Type	Description
event_preset.name	class java.lang.String	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
preset_availability[].day_off	class java.lang.Boolean	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/{planit-user-id}/presets/{preset-id}

Parameter	Description
planit-user-id	the id of the PlanIt User who requested the delete
preset-id	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_Event
Preset":null,"email":"test@gmail.com","obligatory":true},{"id_event_guest":null,"entit
y_EventPreset":null,"email":"test2@gmail.com","obligatory":true},{"id_event_guest":nul
l,"entity_EventPreset":null,"email":"test3@gmail.com","obligatory":true}],"preset_avai
lability":[{"id_preset_availability":null,"entity_EventPreset":null,"day":"THURSDAY","
start_available_time":null,"end_available_time":null,"day_off":false},{"id_preset_avai
lability":null,"entity_EventPreset":null,"day":"MONDAY","start_available_time":null,"e
nd_available_time":null,"day_off":true},{"id_preset_availability":null,"entity_EventPr
eset":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
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.

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

Path	Type	Description
inviter_email	String	
invitee_email	String	