



You, as an analytic application developer, can use the following script API of the Calendar Integration component to retrieve the current calendar task, a `CalendarTask` object:

`CalendarIntegration.getCurrentTask(): CalendarTask`

You can use the following script API of the `CalendarTask` object to retrieve its status and type (for example, General Task, Composite Task, and Review Task) and you can also check if the currently logged-in user has a specific calendar task user role type in relation to this calendar task:

- `CalendarTask.getStatus(): CalendarTaskStatus`
- `CalendarTask.getType(): CalendarTaskType`
- `CalendarTask.hasUserRole(CalendarTaskUserRoleType): boolean`

Depending on the user role type, for example, Assignee, Owner, or Reviewer, you can use the following script API with the calendar task:

- `submit(): boolean`
- `decline(): boolean`
- `approve(): boolean`
- `reject(): boolean`

To use this script API, you first have to convert the generic calendar task, a `CalendarTask` object, to the target type of the calendar task, that is, a General Task, a Review Task, or a Composite Task (a `CalendarGeneralTask`, `CalendarReviewTask`, or `CalendarCompositeTask` object, respectively) using the `cast()` script API method.

Example:

With the following sample code snippet, you can cast a calendar task a Composite Task:

```
var calendarTask = CalendarIntegration_1.getCurrentTask();
if (calendarTask.getType() === CalendarTaskType.CompositeTask) {
    var compositeTask = cast(Type.CalendarCompositeTask, calendarTask);
    // ...
}
```

Note the check if the calendar task is of the correct target calendar task type before the cast operation takes place.