



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.