

createWeeklyRecurringEvent

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Kind: Function

Source: Outlook_plugin/src/calendar/calendar.model.ts (line 376)

Part of: [Calendar](#)

Helper function to create recurring weekly meeting

`createWeeklyRecurringEvent` creates the calendar event data needed for a meeting that repeats every week. It centralizes recurring-meeting setup in the calendar model so Outlook calendar flows can use a consistent event shape.

Signature

```
function createWeeklyRecurringEvent(subject: string, startDate: Date, duration: number, dayOfWeek: DayOfWeek, numberOfOccurrences: number, location: string, attendees: string[]): CreateEventRequest
```

Parameters

Name	Type
subject	string
startDate	Date
duration	number
dayOfWeek	DayOfWeek
numberOfOccurrences	number
location	string
attendees	string[]

Returns: `CreateEventRequest`

Diagram

```
graph LR
  A[Calendar UI or command] --> B[createWeeklyRecurringEvent]
  B --> C[Weekly recurrence data]
  C --> D[Outlook event request]
  D --> E[Recurring calendar meeting]
```

Usage

```
import { createWeeklyRecurringEvent } from "./calendar.model";

const weeklyMeeting = createWeeklyRecurringEvent();

await createOutlookCalendarEvent(weeklyMeeting);
```

AI Coding Instructions

- Keep recurrence construction inside `calendar.model.ts` rather than duplicating recurrence objects in UI code.
- Preserve the event shape expected by the Outlook calendar API when changing this helper.
- Check that meeting start and end values remain compatible with the recurrence range.
- Reuse this helper for weekly meetings so recurrence behavior stays consistent across calendar actions.