

omnis



Design your time with
OS CustomCalendar

Omnis Developer Conference 2024 - Maurin Wannags

OS CustomCalendar

Built-in „Date Picker“

- Brilliant UI-Design
- Incredible performance
- Easy to use
- Variety of *datestyles*

« Mai 2024 »						
So	Mo	Di	Mi	Do	Fr	Sa
28	29	30	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	1
2	3	4	5	6	7	8

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kJSDatePickerStyleDate

kJSDatePickerStyleDateTime

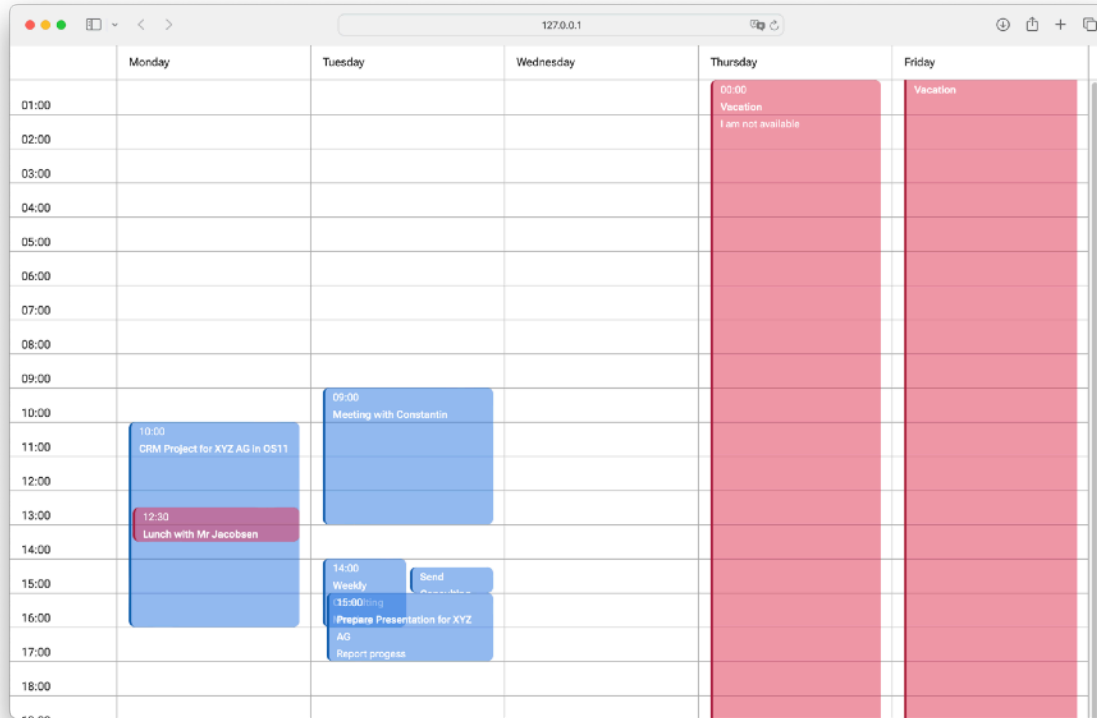
kJSDatePickerStyleTime

kJSDatePickerStyleCalendar

kJSDatePickerStyleCustom

OS CustomCalendar

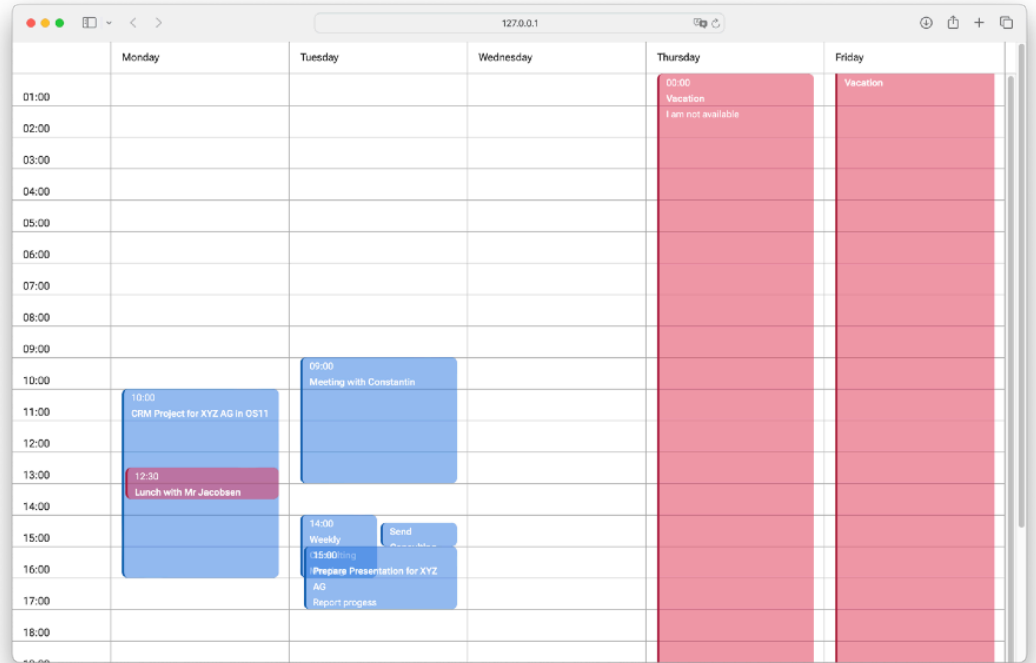
New Custom Component



OS CustomCalendar

New Custom Component

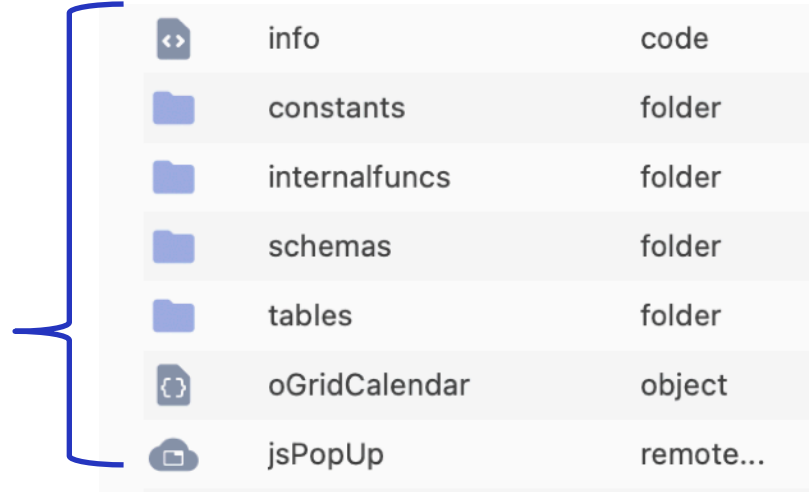
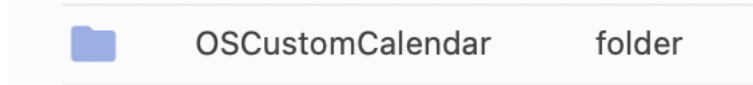
- Column-based view
- Overlapping appointments
- Easy to use methods
- Full control due to the pure Omnis Studio code



Live Demo

OS CustomCalendar Setup

- Copy the "OSCustomCalendar" folder into your project library



OS CustomCalendar Setup

- Create a DataGrid
- Create required instance variables
 - *List variable for appointments (schema: scAppointments)*
 - *List variable for the \$dataname of the DataGrid*
 - *Object variable (oGridCalendar)*

OS CustomCalendar Setup

- Required settings (methods of object class)
 - `$setremoteform(pRemoteFormRef)`
 - `$setdatagrid(pDataGrid)`
 - `$setlist(pDataGridList)`
 - `$setappointmentlist(pAppointmentListRef)`

OS CustomCalendar

Setup (methods)

- Optional settings (methods of object class)
 - *\$setview(pUnits)*
 - *\$setstartdate(pDate)*
 - *\$setweekstart(pDayConstant)*
 - *\$setshowinfoonnextday(pShowInfoOnNextDay)*

OS CustomCalendar Drawing

- `$design()`
- `$drawappointments()`
- `$addappointment(pTitle, pDateTimeStart, pDateTimeEnd, pDescription, pCalendar, pDrawAppointment=kTrue)`
- `$getcellinfo(pHorzCell, pVertCell)`

OS CustomCalendar

Further customization options

- Add/edit calendar types in **oGridCalendar.definecalendartypes** using: { type, textcolorRGBA(row), backgroundcolorRGBA(row), accentlinecolorRGBA(row) }
- Modify DataGrid configuration in **oGridCalendar.configuregrid**
- Modify popup form (**jsPopUp**) using the iAppointmentRefs list with the scAppointments schema
- Modify appointment HTML template in **cGridCalendarFunction.\$getdrawingHTML**

OS CustomCalendar Outlook

- Improvements in code quality and therefore performance
- Adding support for drawing a single day
- Deleting appointments with the delete key
- Smart reloading (related to single day drawing)



Questions?

OS CustomCalendar

Download your copy



omnis-software.de/conf24/oscustomcalendar.zip