khal Terminal calendar

Server CalDAV / Google → `vdirsyncer sync` → **Local vdir** .ics files → `reads and writes` → **khal** CLI and ikhal

CONCEPTS

khal only reads and writes local calendar files (vdir). Syncing with a server is done by a separate tool such as vdirsyncer.

Date and time formats come from the config file; run khal printformats to see what your setup accepts.

VIEWING

`khal list`
Events of today

`khal list <start> <end>`
Events in a date range

`khal list today <n>d`
Next n days (m, h, d work)

`khal list today week`
The week containing the start

`khal calendar`
Three months with events

`khal at`
Events happening now

`khal list --notstarted`
Only events not yet begun

`khal search <text>`
Search events by text

VIEWING (cont.)

`khal printcalendars`
List configured calendars

CREATING

`khal new <start> <title>`
Add an event (default 1 hour)

`khal new <start> <end> <title>`
Add with explicit end

`khal new <start> <delta> <title>`
Add with a duration

`khal new <date> <title>`
Add an all-day event

`khal new <start> <title> :: <notes>`
Add with a description

`new -a <calendar>`
Target calendar (once only)

`new -l <place>`
Location

`new -r <rule>`
Repeat: daily, weekly, monthly, yearly

`new -u <date>`
Repeat until a date

`new --alarms <delta,...>`
Alarms, e.g. 1d,10m

`khal new -i`
Prompt for each field

EDITING AND IMPORT

`khal edit <text>`
Step through matches: change or delete

`khal import <file.ics>`
Import events from an .ics file

`khal configure`
Create an initial config

OUTPUT AND OPTIONS

`-a <calendar>`
Only this calendar (repeatable)

`-d <calendar>`
Exclude a calendar

`--format "<template>"`
Custom line template

`--json <field>`
Output JSON with chosen fields

Common format fields

Field	Meaning
`{title}`	Event title
`{start-time}`	Start time
`{end-time}`	End time
`{location}`	Location
`{calendar}`	Calendar name
`{description}`	Description
`{uid}`	Unique ID
`{nl}`	Newline

DATES

Date words

Input	Means
`today`	This day
`tomorrow`	Next day
`fri`	Next Friday
`monday`	Next Monday
`25.10.`	Date without year: future
`18:00`	Time today
`30m / 2h / 3d`	Duration (list and new)

Naming today's own weekday gives the one seven days from now. Dates without a year are always read as future.

IKHAL: CALENDAR

`ikhal`
Start the interactive UI

Arrows
Move between days

Tab / Enter
Focus the event list

T Jump to today

N
New event on the day or range

V Select a date range

/ Search events

IKHAL: CALENDAR (cont.)

Esc
Cancel or go back; quits at the top

IKHAL: EVENTS

Enter
View event details; again to edit

D
Mark for deletion (applied on exit)

P Duplicate event

Shift + Tab
Previous field in editor (Tab: next)

Alt + Enter
Save from anywhere in the editor

RECIPES

Daily agenda in a script

```
khal list --format "{start-time} {title}" --day-format "" today eod
```

Weekly meeting with alarm

```
khal new -a work -r weekly --alarms 10m \
  mon 10:00 11:00 Standup :: Team sync
```