khal Terminal calendar

CONCEPTS

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

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

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

`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

CREATING (cont.)

`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

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)

DATES (cont.)

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

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
```

Import and check an invite

```
khal import -a personal invite.ics
khal list <date>
```

Sync then view

```
vdirsyncer sync
khal list today 3d
```