

# Abfallkalender

## Was benötige ich?

Was benötige ich alles aus HACS?



Integration:

- Waste Collection Schedule

Frontends:

- Button-Card
- Banner Card
- Card-Mod
- Layout-Card
- Multiple Entity Row

## iCal Datei

Kalenderdatei mit Müllterminen

Diese Datei findest meistens auf der Internetseite deines Mülldienstes. Falls du genau soviel Pech wie ich hast kannst du dir eine solche Datei relativ einfach auf <https://ical.marudot.com/> selbst erstellen.

Zu speichern ist diese Datei im Homeassistant unter `/config/www/`

## Config Einträge:

Beachte hier die `type:` diese müssen mit den Daten (Summary:) in deiner ICS übereinstimmen.

## Configuration.yaml

```
waste_collection_schedule:
  sources:
    - name: ics
      args:
        file: "www/muell.ics"
      customize:
        - type: Restabfall
          alias: Restabfall
          icon: mdi:trash-can
        - type: Papiertonne
          alias: Papiertonne
          icon: mdi:trash-can
        - type: Bioabfall
          alias: Bioabfall
          icon: mdi:trash-can
        - type: Plastikabfall
          alias: Plastikabfall
          icon: mdi:trash-can

  fetch_time: "04:00"
  day_switch_time: "10:00"
```

## Sensor.yaml einbinden (falls noch nicht erledigt)

Hiermit kannst du eine Sensor.yaml einbinden

```
sensor: !include sensor.yaml
```

 **Config strukturieren**

## sensor.yaml

##### Müllabfuhr #####

- platform: waste\_collection\_schedule  
name: Papierabfall\_date  
value\_template: '{{value.date.strftime("%d.%m.%Y")}}'  
types:  
- Papiertonne

- platform: waste\_collection\_schedule  
name: Papierabfall\_collection  
value\_template: '{{value.daysTo}}'  
types:  
- Papiertonne

- platform: waste\_collection\_schedule  
name: Restmuelltonne\_date  
value\_template: '{{value.date.strftime("%d.%m.%Y")}}'  
types:  
- Restabfall

- platform: waste\_collection\_schedule  
name: Restmuelltonne\_collection  
value\_template: '{{value.daysTo}}'  
types:  
- Restabfall

- platform: waste\_collection\_schedule  
name: Plastiktonne\_date  
value\_template: '{{value.date.strftime("%d.%m.%Y")}}'  
types:  
- Plastikabfall

- platform: waste\_collection\_schedule  
name: Plastikmuelltonne\_collection  
value\_template: '{{value.daysTo}}'  
types:  
- Plastikabfall

- platform: waste\_collection\_schedule  
name: Biotonne\_date

```
value_template: '{{value.date.strftime("%d.%m.%Y")}}'
```

```
types:
```

```
- Bioabfall
```

```
- platform: waste_collection_schedule
```

```
name: Biotonne_collection
```

```
value_template: '{{value.daysTo}}'
```

```
types:
```

```
- Bioabfall
```

```
- platform: waste_collection_schedule
```

```
name: next_waste_collection_daysto
```

```
details_format: upcoming
```

```
value_template: '{{value.types|join(", ")} in {{value.daysTo}} Tagen'
```

```
#button-card#
```

```
- platform: waste_collection_schedule
```

```
name: MyButtonCardSensor
```

```
value_template: '{{value.types|join(",  
")}}|{{value.daysTo}}|{{value.date.strftime("%d.%m.%Y")}}|{{value.date.strftime("%a")}}'
```

## Dashboard Card

```
type: entities
```

```
entities:
```

```
- entity: sensor.restmuelltonne_date
```

```
style: |
```

```
:host {
```

```
color: grey;
```

```
}
```

```
icon: mdi:delete-empty
```

```
show_state: false
```

```
type: custom:multiple-entity-row
```

```
name: Restmüll
```

```
secondary_info: false
```

```
entities:
```

```
- entity: sensor.restmuelltonne_collection
```

```
name: Abholung in
```

```
    unit: Tage(n)
  - entity: sensor.restmuelltonne_date
    name: Datum
- entity: sensor.biotonne_date
style: |
  :host {
    color: brown;
  }
icon: mdi:bio
show_state: false
type: custom:multiple-entity-row
name: Bio Müll
secondary_info: false
entities:
  - entity: sensor.biotonne_collection
    name: Abholung in
    unit: Tage(n)
  - entity: sensor.biotonne_date
    name: Datum
- entity: sensor.papierabfall_date
style: |
  :host {
    color: turquoise
  }
icon: mdi:tree
show_state: false
type: custom:multiple-entity-row
name: Papiertonne
secondary_info: false
entities:
  - entity: sensor.papierabfall_collection
    name: Abholung in
    unit: Tage(n)
  - entity: sensor.papierabfall_date
    name: Datum
- entity: sensor.plastiktonne_date
style: |
  :host {
    color: yellow
```

```

    }
    icon: mdi:recycle
    show_state: false
    type: custom:multiple-entity-row
    name: Plastik Sack
    secondary_info: false
    entities:
      - entity: sensor.plastikmuelltonne_collection
        name: Abholung in
        unit: Tage(n)
      - entity: sensor.plastiktonne_date
        name: Datum
- entity: sensor.mybuttoncardsensor
  type: custom:button-card
  layout: icon_name_state2nd
  show_label: true
  label: |
    [[
      var days_to = entity.state.split("|")[1]
      if (days_to == 0)
      { return "Heute" }
      else if (days_to == 1)
      { return "Morgen" }
      else
      { return "in " + days_to + " Tagen" }
    ]]
  show_name: true
  name: |
    [[
      return entity.state.split("|")[0]
    ]]
  state:
    - color: red
      operator: template
      value: '[[[ return entity.state.split("|")[1] == 0 ]]]'
    - color: orange
      operator: template
      value: '[[[ return entity.state.split("|")[1] == 1 ]]]'
    - value: default

```

show\_header\_toggle: true

## Automation

Hier meine Automation die mich per Push erinnert und zusätzlich per Alexa wenn wir zuhause sind.

### Benachrichtigung um 21 Uhr am Vortag für Bio

alias: Benachrichtigung Müll Bio morgen

description: ""

trigger:

- platform: time
- at: "21:01:00"

condition:

- condition: state
- entity\_id: sensor.biotonne\_collection
- state: "1"

action:

- service: notify.all\_devices
- data:
  - message: Biotonne raus stellen
  - title: Müllabfuhr

- if:

- condition: state
- entity\_id: group.presence\_home
- state: home

then:

- service: notify.alexa\_media
- data:
  - target:
    - media\_player.buro
    - media\_player.kuche
    - media\_player.wohnzimmer
    - media\_player.badezimmer
    - media\_player.schlafzimmer
- data:

type: announce  
message: Biotonne raus stellen!  
mode: single

## Benachrichtigung um 7 Uhr am Tag der Abholung für Bio

alias: Benachrichtigung Müll Biotonne  
description: ""  
trigger:  
- platform: time  
at: "07:00:00"  
condition:  
- condition: state  
entity\_id: sensor.biotonne\_collection  
state: "0"  
action:  
- service: notify.all\_devices  
data:  
message: Biotonne raus stellen  
title: Müllabfuhr  
- if:  
- condition: state  
entity\_id: group.presence\_home  
state: home  
then:  
- service: notify.alexmedia  
data:  
target:  
- media\_player.buro  
- media\_player.kuche  
- media\_player.wohnzimmer  
- media\_player.badezimmer  
- media\_player.schlafzimmer  
data:  
type: announce  
message: Biotonne raus stellen!  
mode: single



## Benachrichtigung um 21 Uhr am Vortag für Restmüll

```
alias: Benachrichtigung Müll Rest morgen
description: ""
trigger:
  - platform: time
    at: "21:00:00"
condition:
  - condition: state
    entity_id: sensor.restmuelltonne_collection
    state: "1"
action:
  - service: notify.all_devices
    data:
      message: Restmüll raus stellen
      title: Müllabfuhr
  - if:
      - condition: state
        entity_id: group.presence_home
        state: home
    then:
      - service: notify.alexmedia
        data:
          target:
            - media_player.buro
            - media_player.kuche
            - media_player.wohnzimmer
            - media_player.badezimmer
            - media_player.schlafzimmer
          data:
            type: announce
            message: Restmüll raus stellen!
mode: single
```

## Benachrichtigung um 7 Uhr am Tag der Abholung für Restmüll

```
alias: Benachrichtigung Müll Restmüll
description: ""
trigger:
  - platform: time
    at: "07:00:00"
condition:
  - condition: state
    entity_id: sensor.restmuelltonne_collection
    state: "0"
action:
  - service: notify.all_devices
    data:
      message: Restmüll raus stellen
      title: Müllabfuhr
  - if:
      - condition: state
        entity_id: group.presence_home
        state: home
    then:
      - service: notify.alexmedia
        data:
          target:
            - media_player.buro
            - media_player.kuche
            - media_player.wohnzimmer
            - media_player.badezimmer
            - media_player.schlafzimmer
          data:
            type: announce
            message: Restmüll raus stellen!
mode: single
```

**Benachrichtigung um 21 Uhr am Vortag für Papier**

alias: Benachrichtigung Müll Papier morgen

description: ""

trigger:

- platform: time

- at: "21:00:00"

condition:

- condition: state

- entity\_id: sensor.papierabfall\_collection

- state: "1"

action:

- service: notify.all\_devices

- data:

- message: Papiertonne raus stellen

- title: Müllabfuhr

- if:

- condition: state

- entity\_id: group.presence\_home

- state: home

then:

- service: notify.alexmedia

- data:

- target:

- media\_player.buro

- media\_player.kuche

- media\_player.wohnzimmer

- media\_player.badezimmer

- media\_player.schlafzimmer

- data:

- type: announce

- message: Papiertonne raus stellen!

mode: single

**Benachrichtigung um 7 Uhr am Tag der Abholung für Papier**

```
alias: Benachrichtigung Müll Papier
description: ""
trigger:
  - platform: time
    at: "07:00:00"
condition:
  - condition: state
    entity_id: sensor.papierabfall_collection
    state: "0"
action:
  - service: notify.all_devices
    data:
      message: Papiertonne raus stellen
      title: Müllabfuhr
  - if:
      - condition: state
        entity_id: group.presence_home
        state: home
    then:
      - service: notify.alexmedia
        data:
          target:
            - media_player.buro
            - media_player.kuche
            - media_player.wohnzimmer
            - media_player.badezimmer
            - media_player.schlafzimmer
          data:
            type: announce
            message: Papiertonne raus stellen!
mode: single
```

**Benachrichtigung um 21 Uhr am Vortag für Plastik**

```
alias: Benachrichtigung Müll Plastik morgen
description: ""
trigger:
  - platform: time
    at: "21:00:00"
condition:
  - condition: state
    entity_id: sensor.plastikmuelltonne_collection
    state: "1"
action:
  - service: notify.all_devices
    data:
      message: Plastik raus stellen
      title: Müllabfuhr
  - if:
      - condition: state
        entity_id: group.presence_home
        state: home
    then:
      - service: notify.alexmedia
        data:
          target:
            - media_player.buro
            - media_player.kuche
            - media_player.wohnzimmer
            - media_player.badezimmer
            - media_player.schlafzimmer
          data:
            type: announce
            message: Plastik raus stellen!
mode: single
```

**Benachrichtigung um 7 Uhr am Tag der Abholung für Plastik**

```
alias: Benachrichtigung Müll Plastik
description: ""
trigger:
  - platform: time
    at: "07:00:00"
condition:
  - condition: state
    entity_id: sensor.plastikmuelltonne_collection
    state: "0"
action:
  - service: notify.all_devices
    data:
      message: Plastik raus stellen
      title: Müllabfuhr
  - if:
      - condition: state
        entity_id: group.presence_home
        state: home
    then:
      - service: notify.alexmedia
        data:
          target:
            - media_player.buro
            - media_player.kuche
            - media_player.wohnzimmer
            - media_player.badezimmer
            - media_player.schlafzimmer
          data:
            type: announce
            message: Plastik raus stellen!
mode: single
```

<https://www.youtube.com/embed/NUvyP9znC4w>

Revision #8

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