

Alarm Clock

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This module creates and runs an internal host for an alarm clock.

`main.add_event (new_event: dict)`

Adds the event to the list of all events.

`main.announce (txt: str)`

Reads string aloud.

Takes string as an argument.

`main.append_as_notification (notification: dict)`

Creates a notification.

Takes a dictionary with 'title' and 'content' keys.

`main.digest_covid (raw_covid: dict) → str`

Takes a dictionary object returned by the COVID API and returns a human readable string.

`main.digest_weather (raw_weather: dict) → str`

Turns weather API dict object into a human readable string.

Takes a dict object created by openweathermap API and returns a string.

`main.event (event_data)`

Alarm routine.

Triggerred whenever an event happens. Accepts the calling event structure as args.

`main.first_day ()`

Schedules new day routine and any other routines.

`main.get_covid ()`

Returns dictionary object containing newst COVID stats.

`main.get_news ()`

Returns dictionary obect acquired from newsapi.

`main.get_weather ()`
Returns dictionary object acquired from openweathermap.org

`main.homepage ()`
The landing page creation routine.

`main.is_today (date: dict)` → bool
Checks whether a specific date is today.

`main.load ()`
Fuction loading persistent events and notifications.

`main.load_definitions ()`
Function loading definitions and constants.

`main.make_alarm_notif (event_data: dict)`
Creates an alarm notification.

`main.make_covid_notif ()`
Creates COVID notification.

`main.make_news_notif ()`
Creates news notification.

`main.make_weather_notif ()`
Creates weather notification.

`main.new_day ()`
New day routine. Schedules itself for tomorrow and schedules any events for today.

`main.notifications (event_data: dict)`
Notifications routine.
Accepts the calling event as its arguments.

`main.rel_t (i)`
Calculates a number which represents relative position of an event on a chronological axis.

`main.remove_events ()`
Removes an event from the queue.

`main.remove_notification ()`
Removes a notification from the queue.

`main.save_digest_news (raw_news: dict)` → list
Turns news API dict object into a human readable code.
Takes a dict object and returns a list with human readable strings containing headlines.

`main.save_events ()`
“Routine which saves current event list into a file.

`main.save_notifications ()`
“Routine which saves current event list into a file.

`main.schedule_an_event (event_data: dict)`

Schedules an event for today.

`main.sec_s_mn (time_input: dict) → int`

Returns number of seconds that passed since midnight.

Takes dictionary with 'hour', 'minute' and 'second' keys and returns an int representing seconds that passed since midnight.

`main.sec_t_times (sec: int) → str`

Takes seconds in the int form and returns HH:MM string since the midnight.

`main.set_up_new_event () → dict`

Creates new event dictionary structure based on query arguments.

`main.unsave_digest_news (raw_news: dict) → list`

Turns news API dict object into a string with HTML code.

Takes a dict object and returns a string with HTML code.

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