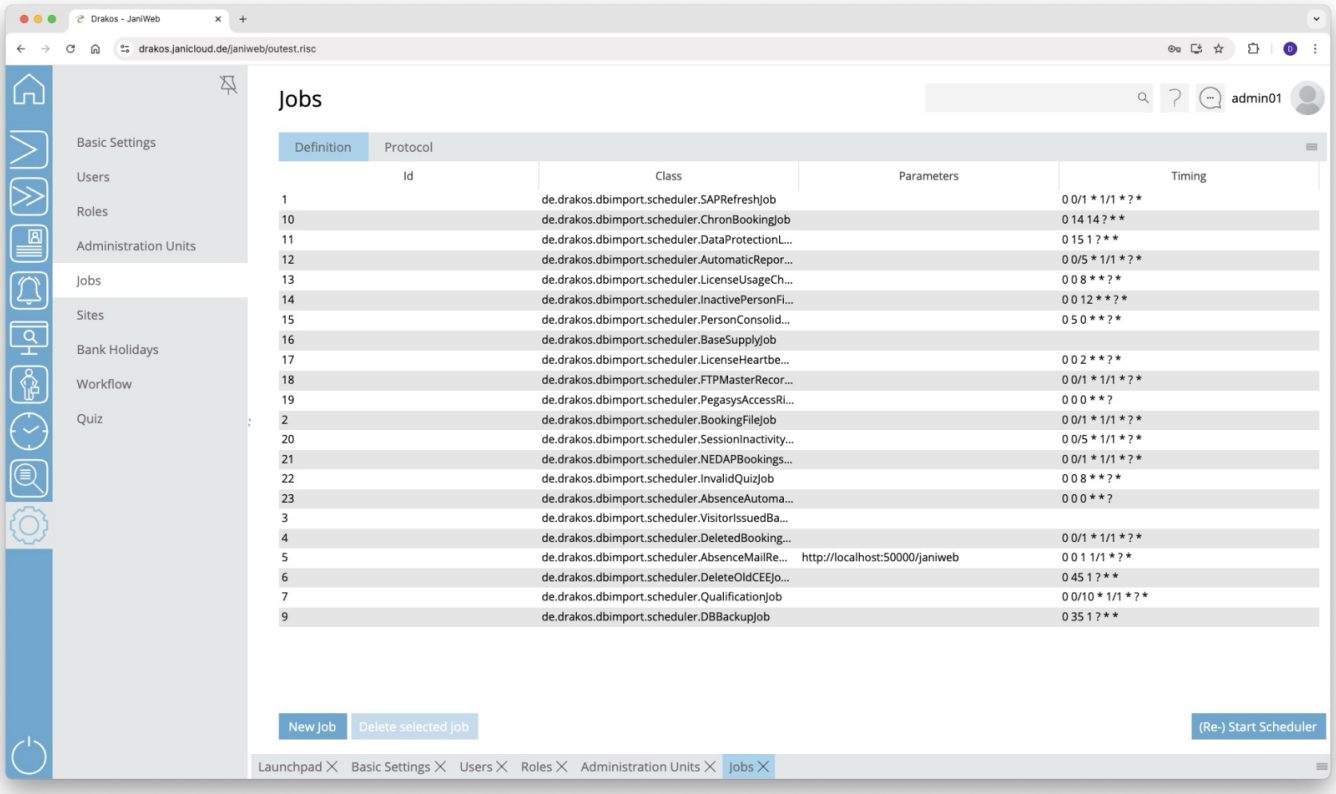
Jobs

The menu item *Jobs* allows you to manage the actions (cron jobs) that JaniWeb automatically executes in the background at certain intervals.



Tab *Definition*

The list contains all the jobs that have already been created. Double-click on an entry to change the definition of the job.

Button *New Job*

Press *New Job* to create a new job. Enter the function to be called in the field *Class*. Enter when the task is to be executed in the field *Timing*. For details, see the section *Time format* below.

Button *Start Scheduler*

After you have changed an existing job or created a new one, you must restart the scheduler. To do this, press *Start Scheduler*.

Tab *Protocol*

Here you can display a list of the jobs that have been executed.

1. Enter a start time.
2. (Optional) Enter an end time (*To*).
3. (Optional) Select a status to narrow the list.
4. Press *Show executed jobs*.

Overview of the jobs

Job	**Description**
de.drakos.dbimport.scheduler.SAPRefreshJob	Import master data
de.drakos.dbimport.scheduler.AutomaticReportJob	Send automated reports
de.drakos.dbimport.scheduler.LicenseUsageCheckerJob	Check license usage
de.drakos.dbimport.scheduler.InactivePersonFinderJob	Check inactive personnel records
de.drakos.dbimport.scheduler.PersonConsolidationJob	Consolidate personnel master data import
de.drakos.dbimport.scheduler.BaseSupplyJob	Master data calculation for basic supply
de.drakos.dbimport.scheduler.LicenseHeartbeatJob	Heartbeat for pay-per-use license
de.drakos.dbimport.scheduler.FTPMasterRecordJob	Dormakaba master data distribution
de.drakos.dbimport.scheduler.PegasysAccessRightsCheckerJob	Check Pegasys authorizations
de.drakos.dbimport.scheduler.BookingFileJob	Export booking data
de.drakos.dbimport.scheduler.SessionInactivityCheckJob	Check session
de.drakos.dbimport.scheduler.DeletedBookingsFileJob	Export deleted bookings

de.drakos.dbimport.scheduler.AbsenceMailReminderJob	Reminder of absences in workflow
de.drakos.dbimport.scheduler.DeleteOldCEEJobRecordsJob	Cleanup CCEEJobExecutionProtocol
de.drakos.dbimport.scheduler.QualificationJob	Check permissions based on qualifications
de.drakos.dbimport.scheduler.DBBackupJob	Backup database
de.drakos.dbimport.scheduler.ChronBookingJob	Archive booking data
de.drakos.dbimport.scheduler.NEDAPBookingsJob	NEDAP bookings
de.drakos.dbimport.scheduler.DataProtectionLogicJob	Data protection audit
de.drakos.dbimport.scheduler.AbsenceRejectedByLeadingSystemJob	Sends E-Mails to inform about absences which were rejected by leading system.
de.drakos.dbimport.scheduler.InvalidQuizJob	Sends E-Mails to inform about quiz, which will get inactive soon.
de.drakos.dbimport.scheduler.AutomaticVisitStatusJob	Sets status for visits according bookings done by visitors at devices.
de.drakos.dbimport.scheduler.AbsenceAutomaticApprovalJob	Automatically approves absences after a certain period.

Time format

JaniWeb uses the Quartz Cron syntax to define complex job timings. This extended version of the classic Cron syntax consists of six or seven fields:

Quartz Cron syntax structure

```
S M H DoM MoY DoW [Y]
```

1. **Second (S)**: `0-59`
2. **Minute (M)**: `0-59`
3. **Hour (H)**: `0-23`
4. **Day of month (DoM)**: `1-31`
5. **Month of year (MoY)**: `1-12` or abbreviations like `JAN, FEB`
6. **Day of week (DoW)**: `1-7` (or `SUN, MON, ...`)
7. **Year (Y)** (optional): `1970-2099`

Special characters

- `*`**: Any value**

- **`,`: List of values (e.g. `MON,WED,FRI`)**
- **`-`: Area (e.g. `1-5`)**
- **`/`: Increment (e.g. `0/5` for all 5 units)**
- **`?`: Any value, which is ignored in fields of conflict (only for `DoM` and `DoW`).**

Examples

1. **Every day at midnight**:

```
0 0 0 * * ?
```

2. **Every Monday at 9:00 a.m**:

```
0 0 9 ? * MON
```

3. **Every 5 minutes**:

```
0 0/5 * * * ?
```

4. **On the first day of each month at 12:30 p.m.**:

```
0 30 12 1 * ?
```

5. **Every 15 seconds**:

```
0/15 * * * * ?
```

Important differences to the classic Cron format

- The field **second** is additionally available.
- `?` replaces `*` in fields with conflicts between `DoM` and `DoW`.
- Supports more detailed timings by combining steps and lists.

Revision #10
Created 2024-11-27 10:01:10 UTC by DRAKOS
Updated 2026-01-12 07:32:46 UTC by DRAKOS