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# **juntagrigo Documentation**

*Release latest*

**Sep 04, 2019**



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juntagrigo is a management platform for community gardens and vegetable cooperatives.

It provides the basic functionality like

- subscription management
- extra subscription management
- management of shares
- delivery management
- management of members
- automatic billing



### 1.1 Basic Installation

Install juntagrigo with **pip**:

```
$ pip install juntagrigo
```

### 1.2 Django Settings

The following django settings are necessary to run juntagrigo.

Additional to juntagrigo the following apps have to installed into django:

```
INSTALLED_APPS = [  
    'django.contrib.auth',  
    'django.contrib.contenttypes',  
    'django.contrib.sessions',  
    'django.contrib.sites',  
    'django.contrib.messages',  
    'django.contrib.staticfiles',  
    'django.contrib.admin',  
    'juntagrigo',  
    'impersonate',  
]
```

The following authentication settings are required

```
AUTHENTICATION_BACKENDS = (  
    'juntagrigo.util.auth.AuthenticateWithEmail',  
    'django.contrib.auth.backends.ModelBackend'  
)
```

Additionally also some changes in the middleware have to to be added

```
MIDDLEWARE = [
    'django.middleware.common.CommonMiddleware',
    'django.contrib.sessions.middleware.SessionMiddleware',
    'django.middleware.csrf.CsrfViewMiddleware',
    'django.contrib.auth.middleware.AuthenticationMiddleware',
    'django.contrib.messages.middleware.MessageMiddleware',
    'impersonate.middleware.ImpersonateMiddleware',
]
```

Since we use session we need a serializer

```
SESSION_SERIALIZER = 'django.contrib.sessions.serializers.PickleSerializer'
```

Django also needs to be configured to send emails and to access a database. If you need more helping points see the testsettings in the project folder

### 1.3 juntagrigo Settings

For more information see the settings page.

For your convenience all settings with default values to copy into your settings.py and to adapt them

```
MEMBER_STRING = 'Mitglied'
MEMBERS_STRING = 'Mitglieder'
ASSIGNMENT_STRING = 'Arbeitseinsatz'
ASSIGNMENTS_STRING = 'Arbeitseinsätze'
ORGANISATION_NAME = 'Juntagrigo'
ORGANISATION_LONG_NAME = 'Juntagrigo the best thing in the world'
ORGANISATION_ADDRESS = {'name': 'Juntagrigo',
                        'street': 'Fakestreet',
                        'number': '123',
                        'zip': '12456',
                        'city': 'Springfield',
                        'extra': ''}
ORGANISATION_BANK_CONNECTION = {'PC': '01-123-5',
                                'IBAN': 'CH 00 12345 67890 12345 67890 10',
                                'BIC': 'BIC12345XX',
                                'NAME': 'Juntagrigo Bank',
                                'ESR': '01-123-45'}
INFO_EMAIL = 'info@juntagrigo.juntagrigo'
SERVER_URL = 'www.juntagrigo.juntagrigo'
ADMINPORTAL_NAME = 'my.juntagrigo'
ADMINPORTAL_SERVER_URL = 'my.juntagrigo.juntagrigo'
BUSINESS_REGULATIONS = '/static/docs/business_regulations.pdf'
BYLAWS = '/static/docs/bylaws.pdf'
MAIL_TEMPLATE = 'mails/email.html'
STYLE_SHEET = '/static/css/personal.css'
FAVICON = '/static/img/favicon.ico'
BOOTSTRAP = '/static/external/bootstrap-3.3.1/css/bootstrap.min.css'
FAQ_DOC = '/static/doc/fac.pdf'
EXTRA_SUB_INFO = '/static/doc/extra_sub_info.pdf'
ACTIVITY_AREA_INFO = '/static/doc/activity_area_info.pdf'
SHARE_PRICE = '250'
CURRENCY = 'CHF'
ASSIGNMENT_UNIT = 'ENTITY'
```

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```

PROMOTED_JOB_TYPES = []
PROMOTED_JOBS_AMOUNT = 2
DEPOT_LIST_COVER_SHEETS = 'x'
DEPOT_LIST_OVERVIEWS = 'x'
DEPOT_LIST_GENERATION_DAYS = [1,2,3,4,5,6,7]
BILLING = False
BUSINESS_YEAR_START = {'day':1, 'month':1}
BUSINESS_YEAR_CANCELATION_MONTH = 12
DEMO_USER = ''
DEMO_PWD = ''
IMAGES[key] = {'status_100': '/static/img/status_100.png',
               'status_75': '/static/img/status_75.png',
               'status_50': '/static/img/status_50.png',
               'status_25': '/static/img/status_25.png',
               'status_0': '/static/img/status_0.png',
               'single_full': '/static/img/single_full.png',
               'single_empty': '/static/img/single_empty.png',
               'single_core': '/static/img/single_core.png',
               'core': '/static/img/core.png'}
GOOGLE_API_KEY = 'GOOGLE_API_KEY'
EMAILS = {
    'welcome': 'mails/welcome_mail.txt',
    'co_welcome': 'mails/welcome_added_mail.txt',
    'co_added': 'mails/added_mail.txt',
    'password': 'mails/password_reset_mail.txt',
    'j_reminder': 'mails/job_reminder_mail.txt',
    'j_canceled': 'mails/job_canceled_mail.txt',
    'confirm': 'mails/confirm.txt',
    'j_changed': 'mails/job_time_changed_mail.txt',
    'j_signup': 'mails/job_signup_mail.txt',
    'd_changed': 'mails/depot_changed_mail.txt',
    's_created': 'mails/share_created_mail.txt',
    'n_sub': 'mails/new_subscription.txt',
    's_canceled': 'mails/subscription_canceled_mail.txt',
    'm_canceled': 'mails/membership_canceled_mail.txt',
    'b_share': 'mails/bill_share.txt',
    'b_sub': 'mails/bill_sub.txt',
    'b_esub': 'mails/bill_extrasub.txt'
}
BASE_FEE = ''
ORGANISATION_PHONE = ''
DEFAULT_MAILER = 'juntagrigo.util.defaultmailer.Mailer'
ENABLE_REGISTRATION = True'

```



You can use the following settings to configure juntagrigo

### 2.1 VOCABULARY

Vocabulary dictionary for organisation specific words. `_pl` indicates the plural of a word. the `member` key describes the custom name you give your members. the `member_type` key describes what you call your member in accordance to your organisation form.

Type: Dictionary

default value

```
{
  'member': 'Mitglied',
  'member_pl' : 'Mitglieder',
  'assignment' : 'Arbeitseinsatz',
  'assignment_pl' : 'Arbeitseinsätze',
  'share' : 'Anteilschein',
  'share_pl' : 'Anteilscheine',
  'subscription' : 'Abo',
  'subscription_pl' : 'Abos',
  'co_member' : 'Mitabonnet',
  'co_member_pl' : 'Mitabonneten',
  'price' : 'Betriebsbeitrag',
  'member_type' : 'Mitglied',
  'member_type_pl' : 'Mitglieder',
  'depot' : 'Depot',
  'depot_pl' : 'Depots'
}
```

## 2.2 ORGANISATION\_NAME

The short name of your organisation

Type: String

default value

```
"Juntagrigo"
```

## 2.3 ORGANISATION\_NAME\_CONFIG

Additional information to enrich the organisation name with the type of the organisation and its corresponding article

Type: Dictionary

default value

```
{"type" : "",  
 "gender" : ""}
```

## 2.4 ORGANISATION\_LONG\_NAME

The long version of your organisation, if you have one otherwise also use the short one

Type: String

default value

```
"Juntagrigo the best thing in the world"
```

## 2.5 ORGANISATION\_ADDRESS

The address of your organisation

Type: dict with the keys - name - street - number - zip - city - extra

default value

```
{"name": "Juntagrigo",  
 "street" : "Fakestreet",  
 "number" : "123",  
 "zip" : "12456",  
 "city" : "Springfield",  
 "extra" : ""}
```

## 2.6 ORGANISATION\_PHONE

The phone number for your organisation

Type: string

default value

```
" "
```

## 2.7 ORGANISATION\_BANK\_CONNECTION

the bank connection information of your organisation

Type: dict with the keys - PC (postkonto) - BIC - IBAN - NAME - ESR (if you enable billing)

default value

```
{ "PC" : "01-123-5",  
  "IBAN" : "CH 00 12345 67890 12345 67890 10",  
  "BIC" : "BIC12345XX",  
  "NAME" : "Juntagrigo Bank",  
  "ESR" : "01-123-45" }
```

## 2.8 INFO\_EMAIL

The general email of your organisation

Type: String

default value

```
"info@juntagrigo.juntagrigo"
```

## 2.9 SERVER\_URL

The base url of your organisation (not the one where you run juntagrigo)

Type: String

default value

```
"www.juntagrigo.juntagrigo"
```

## 2.10 ADMINPORTAL\_NAME

The name you want to use for the portal

Type: String

default value

```
"my.juntagrigo"
```

## 2.11 ADMINPORTAL\_SERVER\_URL

The base URL where you run juntagrigo (and where your static lies)

Type: String

default value

```
"my.juntagrigo.juntagrigo"
```

## 2.12 BUSINESS\_REGULATIONS

URL to your business regulations document

Type: String

default value

```
" "
```

## 2.13 BYLAWS

URL to your bylaws document

Type: String

default value

```
" "
```

## 2.14 GDPR\_INFO

URL to your gdpr document

Type: String

default value

```
" "
```

## 2.15 MAIL\_TEMPLATE

Path to your custom html email template if you want to overwrite the look and feel of the html emails

Type: String

default value

```
"mails/email.html"
```

## 2.16 STYLE\_SHEET

If you want to use a custom design this specifies the path for your css

Type: String

default value

```
"/static/css/personal.css"
```

## 2.17 FAVICON

If you want to use a custom favicon this specifies the path for your favicon

Type: String

default value

```
"/static/img/favicon.ico"
```

## 2.18 FAQ\_DOC

URL to your FAQ document

Type: String

default value

```
" "
```

## 2.19 BOOTSTRAP

If you want to use a customized version of bootstrap this specifies the corresponding path for it

Type: String

default value

```
"/static/external/bootstrap-3.3.1/css/bootstrap.min.css"
```

## 2.20 EXTRA\_SUB\_INFO

If you use extra subscriptions this describes the URL to the document describing them

Type: String

default value

```
" "
```

## 2.21 ACTIVITY\_AREA\_INFO

URL to your document describing your activity areas

Type: String

default value

```
" "
```

## 2.22 SHARE\_PRICE

Price of one share

Type: String

default value

```
"250"
```

## 2.23 ENABLE\_SHARES

Enable all share related functionality

Type: String

default value

```
True
```

## 2.24 ENABLE\_REGISTRATION

Decides if new member can register

Type: Boolean

default value

```
True
```

## 2.25 BASE\_FEE

Yearly fee for members without a subscription

Type: String

default value

```
" "
```



## 2.26 CURRENCY

The default currency used within the system

Type: String

default value

```
"CHF"
```

## 2.27 ASSIGNMENT\_UNIT

The mode how assignments are counted: Valid values are EMTITY and HOURS. ENTITY the assignments are counted by occurrence, Hours the value of the assignments are counted by the actual time the user spent on a job.

Type: String

default value

```
"ENTITY"
```

## 2.28 PROMOTED\_JOB\_TYPES

Types of jobs which should appear on start page

Type: List of Strings

default value

```
[]
```

## 2.29 PROMOTED\_JOBS\_AMOUNT

Amount of jobs which should be promoted on the start page

Type: Integer

default value

```
2
```

## 2.30 DEPOT\_LIST\_GENERATION\_DAYS

Days on which the delivery list can be generated

Type: List of Integers representing days of the week, where Monday is 0 and Sunday is 6.

default value

```
[0, 1, 2, 3, 4, 5, 6]
```

## 2.31 BILLING

Enabling bill generation and management

Type: Boolean

default value

```
False
```

## 2.32 BUSINESS\_YEAR\_START

Defining the start of the business year

Type: dict with the keys - day - month

default value

```
{"day":1, "month":1}
```

## 2.33 BUSINESS\_YEAR\_CANCELATION\_MONTH

The date until you can cancel your subscriptions

Type: Integer

default value

```
12
```

## 2.34 MEMBERSHIP\_END\_MONTH

The month at which end the members can leave the organisation

Type: Integer

default value

```
6
```

## 2.35 DEMO\_USER

If you run a demo setup and want to display the login name on the login page

Type: String

default value

```
''
```

## 2.36 DEMO\_PWD

If you run a demo setup and want to display the password on the login page

default value

```
''
```

## 2.37 DEFAULT\_MAILER

The code to send mails. for more info see the code specified in the default value

default value

```
'juntagrigo.util.defaultmailer.Mailer'
```

## 2.38 IMAGES

Defining the different images for core and job assignments etc

default value

```
{'status_100': '/static/img/status_100.png',
  'status_75': '/static/img/status_75.png',
  'status_50': '/static/img/status_50.png',
  'status_25': '/static/img/status_25.png',
  'status_0': '/static/img/status_0.png',
  'single_full': '/static/img/single_full.png',
  'single_empty': '/static/img/single_empty.png',
  'single_core': '/static/img/single_core.png',
  'core': '/static/img/core.png'}
```

## 2.39 EMAILS

Defining the different email templates

default value

```
{
  'welcome': 'mails/welcome_mail.txt',
  'co_welcome': 'mails/welcome_added_mail.txt',
  'co_added': 'mails/added_mail.txt',
  'password': 'mails/password_reset_mail.txt',
  'j_reminder': 'mails/job_reminder_mail.txt',
  'j_canceled': 'mails/job_canceled_mail.txt',
  'confirm': 'mails/confirm.txt',
```

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```
'j_changed': 'mails/job_time_changed_mail.txt',
'j_signup': 'mails/job_signup_mail.txt',
'd_changed': 'mails/depot_changed_mail.txt',
's_created': 'mails/share_created_mail.txt',
'n_sub': 'mails/new_subscription.txt',
's_canceled': 'mails/subscription_canceled_mail.txt',
'm_canceled': 'mails/membership_canceled_mail.txt',
'b_share': 'mails/bill_share.txt',
'b_sub': 'mails/bill_sub.txt',
'b_esub': 'mails/bill_extrasub.txt'
}
```

## 2.40 GOOGLE\_API\_KEY

The google api key to enable the maps in juntagrigo

Type: String

default value

```
"GOOGLE_API_KEY"
```

### 3.1 1.1.3

No migrations

- Fixed Typo in Billable
- Empty strings as default for settings containing an url t a document
- Empty url configs prevent link from being displayed in templates
- fix for writing list and paid shares
- empty strings in profile IBAN field form are not validated anymore
- doc updated
- error in onetime job fixed

### 3.2 1.1.4

Has migrations

- Fixed profile error
- IBAN field not nullable blank used for no value

### 3.3 1.1.5

Has migrations

- Fixed various errors and bugs in the onboarding process
- Other various bugfixes

### 3.4 1.1.6

Has migrations

- Work in progress
- Ability to display messages at the bottom of depot lists. Added in the data administration.
- Area admins are now informed when a member leaves their activity area
- New setting ORGANISATION\_NAME\_CONFIG to enrich the organisation name
- made texts more neutral on context of the organisation type
- removed the MEMBER\_STRING, MEMBERS\_STRING, ASSIGNMENT\_STRING and ASSIGNMENTS\_STRING for the VOCABULARY setting
- added new setting ENABLE\_SHARES to enable or disable all share related functions
- upgrade to bootstrap 4.1.3
- upgraded requirements
- added possibility to imitate special dates when activating and deactivating subscriptions and extrasubscriptions
- overhauled mail stuff. possibility to exchange mail sending code with the following setting DEFAULT\_MAILER
- new setting ENABLE\_REGISTRATION
- possibility to hide subscription sizes in subscription creation

### 3.5 1.1.7

Has migrations

- New setting GDPR\_INFO to make it EU compliant
- Introduced Products in order to have multiple sizes for different Products. on existing Instances a default product called Product will be added
- Added gettext so that strings can be translated
- Texts where adapted
- Shares are controlled more thoroughly if enabled
- Possibility to easily pay back canceled shares by generating iso20022 pain001 xml file
- Only active subscriptions and members are shown in the filters
- Better sorting in the filters, also added textmarkers to be able to use better regex filtering
- Next jobs bug fixed so that all see there next jobs
- Subscription list bug with the duplicate subscription was fixed
- More information shown for Assignemnts on the admin overview page
- upgraded requirements
- added menu hooks for apps

## 3.6 1.1.8

Has no migrations

- personal template loader removed adapt your settings accordingly
- **Added crispy-forms**
  - Add `CRISPY_TEMPLATE_PACK = 'bootstrap4'` to settings
  - Add `'crispy_forms'` to `INSTALLED_APPS`
- CSS class `'juntagrigo_logo'` is deprecated. Use `'juntagrigo-logo'` instead
- make sure users are logged out at sign up
- fix false message in job cancellation message
- added time to job search field in admin area
- fix broken deliveries
- fix text in subscription cancellation email
- fix for member add in admin area
- improvement of area overview
- descriptions allow now newlines and urls
- direct link from job overview to job entity in admin area
- job not directly deleted if members assigned
- fix for test data generation
- fix false date comparison in size change
- users can now have multiple subscriptions
- fix reply to error in mailing
- new right to edit past jobs
- reworked addons hooks, so that caching is obsolete (settings can be removed)
- fix cancelling inactive subscription fails if it has extra subs
- user menu rewrite
- lifecycle and consistency check code rewritten
- rewrote urls to use path and names
- depot list support now emojis
- major template rewrites. Check custom css besides custom logos

## 3.7 Dev

Has no migrations