
juntagrigo Documentation

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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 registrate

Type: String

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 Dev

Has no migrations

- personal template loader removed adapt your settings accordingly