

# Installation

## Django

Python package:

```
pip install django-allauth
```

settings.py (Important - Please note 'django.contrib.sites' is required as INSTALLED\_APPS):

*# Specify the context processors as follows:*

```
TEMPLATES = [
    {
        'BACKEND': 'django.template.backends.django.DjangoTemplates',
        'DIRS': [],
        'APP_DIRS': True,
        'OPTIONS': {
            'context_processors': [
                # Already defined Django-related contexts here

                # `allauth` needs this from django
                'django.template.context_processors.request',
            ],
        },
    },
]

AUTHENTICATION_BACKENDS = [
    ...
    # Needed to Login by username in Django admin, regardless of `allauth`
    'django.contrib.auth.backends.ModelBackend',

    # `allauth` specific authentication methods, such as login by e-mail
    'allauth.account.auth_backends.AuthenticationBackend',
    ...
]
```

```
INSTALLED_APPS = [
    ...
    # The following apps are required:
    'django.contrib.auth',
    'django.contrib.messages',
    'django.contrib.sites',

    'allauth',
    'allauth.account',
    'allauth.socialaccount',
    # ... include the providers you want to enable:
    'allauth.socialaccount.providers.agave',
    'allauth.socialaccount.providers.amazon',
    'allauth.socialaccount.providers.amazon_cognito',
    'allauth.socialaccount.providers.angellist',
    'allauth.socialaccount.providers.apple',
    'allauth.socialaccount.providers.asana',
    'allauth.socialaccount.providers.auth0',
    'allauth.socialaccount.providers.authenticq',
    'allauth.socialaccount.providers.azure',
    'allauth.socialaccount.providers.baidu',
    'allauth.socialaccount.providers.basecamp',
    'allauth.socialaccount.providers.battlenet',
    'allauth.socialaccount.providers.bitbucket',
    'allauth.socialaccount.providers.bitbucket_oauth2',
    'allauth.socialaccount.providers.bitly',
    'allauth.socialaccount.providers.box',
    'allauth.socialaccount.providers.cern',
    'allauth.socialaccount.providers.coinbase',
    'allauth.socialaccount.providers.dataporten',
    'allauth.socialaccount.providers.daum',
    'allauth.socialaccount.providers.digitalocean',
    'allauth.socialaccount.providers.discord',
    'allauth.socialaccount.providers.disqus',
    'allauth.socialaccount.providers.douban',

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'allauth.socialaccount.providers.doximity',  
'allauth.socialaccount.providers.draugiem',  
'allauth.socialaccount.providers.dropbox',  
'allauth.socialaccount.providers.dwolla',  
'allauth.socialaccount.providers.edmodo',  
'allauth.socialaccount.providers.edx',  
'allauth.socialaccount.providers.eventbrite',  
'allauth.socialaccount.providers.eveonline',  
'allauth.socialaccount.providers.evernote',  
'allauth.socialaccount.providers.exist',  
'allauth.socialaccount.providers.facebook',  
'allauth.socialaccount.providers.feedly',  
'allauth.socialaccount.providers.figma',  
'allauth.socialaccount.providers.fivehundredpx',  
'allauth.socialaccount.providers.flickr',  
'allauth.socialaccount.providers.foursquare',  
'allauth.socialaccount.providers.fxa',  
'allauth.socialaccount.providers.github',  
'allauth.socialaccount.providers.gitlab',  
'allauth.socialaccount.providers.globus',  
'allauth.socialaccount.providers.google',  
'allauth.socialaccount.providers.hubic',  
'allauth.socialaccount.providers.instagram',  
'allauth.socialaccount.providers.jupyterhub',  
'allauth.socialaccount.providers.kakao',  
'allauth.socialaccount.providers.keycloak',  
'allauth.socialaccount.providers.line',  
'allauth.socialaccount.providers.linkedin',  
'allauth.socialaccount.providers.linkedin\_oauth2',  
'allauth.socialaccount.providers.mailchimp',  
'allauth.socialaccount.providers.mailru',  
'allauth.socialaccount.providers.meetup',  
'allauth.socialaccount.providers.microsoft',  
'allauth.socialaccount.providers.naver',  
'allauth.socialaccount.providers.nextcloud',  
'allauth.socialaccount.providers.odnoklassniki',  
'allauth.socialaccount.providers.openid',  
'allauth.socialaccount.providers.openstreetmap',  
'allauth.socialaccount.providers.orcid',  
'allauth.socialaccount.providers.patreon',  
'allauth.socialaccount.providers.paypal',  
'allauth.socialaccount.providers.persona',  
'allauth.socialaccount.providers.pinterest',  
'allauth.socialaccount.providers.quickbooks',  
'allauth.socialaccount.providers.reddit',  
'allauth.socialaccount.providers.robinhood',  
'allauth.socialaccount.providers.salesforce',  
'allauth.socialaccount.providers.sharefile',  
'allauth.socialaccount.providers.shopify',  
'allauth.socialaccount.providers.slack',  
'allauth.socialaccount.providers.soundcloud',  
'allauth.socialaccount.providers.spotify',  
'allauth.socialaccount.providers.stackexchange',  
'allauth.socialaccount.providers.steam',  
'allauth.socialaccount.providers.stocktwits',  
'allauth.socialaccount.providers.strava',  
'allauth.socialaccount.providers.stripe',  
'allauth.socialaccount.providers.telegram',  
'allauth.socialaccount.providers.trello',  
'allauth.socialaccount.providers.tumblr',  
'allauth.socialaccount.providers.twentythreeandme',  
'allauth.socialaccount.providers.twitch',  
'allauth.socialaccount.providers.twitter',

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'allauth.socialaccount.providers.untappd',
'allauth.socialaccount.providers.vimeo',
'allauth.socialaccount.providers.vimeo_oauth2',
'allauth.socialaccount.providers.vk',
'allauth.socialaccount.providers.weibo',
'allauth.socialaccount.providers.weixin',
'allauth.socialaccount.providers.windowslive',
'allauth.socialaccount.providers.xing',
'allauth.socialaccount.providers.yahoo',
'allauth.socialaccount.providers.yandex',
'allauth.socialaccount.providers.ynab',
'allauth.socialaccount.providers.zoho',
'allauth.socialaccount.providers.zoom',
'allauth.socialaccount.providers.okta',
...
]

SITE_ID = 1

# Provider specific settings
SOCIALACCOUNT_PROVIDERS = {
    'google': {
        # For each OAuth based provider, either add a ``SocialApp``
        # (``socialaccount`` app) containing the required client
        # credentials, or list them here:
        'APP': {
            'client_id': '123',
            'secret': '456',
            'key': ''
        }
    }
}

```

urls.py:

```

urlpatterns = [
    ...
    path('accounts/', include('allauth.urls')),
    ...
]

```

Note that you do not necessarily need the URLs provided by `django.contrib.auth.urls`. Instead of the URLs `login`, `logout`, and `password_change` (among others), you can use the URLs provided by `allauth`: `account_login`, `account_logout`, `account_set_password` ...

## Post-Installation

In your Django root execute the command below to create your database tables:

```
python manage.py migrate
```

Now start your server, visit your admin pages (e.g. <http://localhost:8000/admin/>) and follow these steps:

- Add a `Site` for your domain, matching `settings.SITE_ID` (`django.contrib.sites` app).
- For each OAuth based provider, either add a `SocialApp` (`socialaccount` app) containing the required client credentials, or, make make sure that these are configured via the `SOCIALACCOUNT_PROVIDERS[<provider>]['APP']` setting (see example above).