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# **awesome-pyramid Documentation**

*Release 0.0.0*

**uralbash**

**Sep 27, 2017**



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## Contents

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<b>1</b>	<b>Events</b>	<b>1</b>
1.1	Conferences . . . . .	1
<b>2</b>	<b>Resources</b>	<b>3</b>
2.1	Websites . . . . .	3
2.2	Blogs . . . . .	3
2.3	Videos . . . . .	3
2.4	Books . . . . .	3
<b>3</b>	<b>Cases of company</b>	<b>5</b>
3.1	Company and Organization . . . . .	5
3.2	Projects writed on Pyramid . . . . .	7
<b>4</b>	<b>Batteries</b>	<b>9</b>
4.1	Awesome Pyramid . . . . .	9
4.2	Projects . . . . .	13
4.3	Contributing . . . . .	14
<b>5</b>	<b>Indices and tables</b>	<b>15</b>



# CHAPTER 1

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Events

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## Conferences

PyramidConf2015 ???



#### Websites

- Try Pyramid - Pyramid is easy to set up and use.
- Pyramid site - official site of Pyramid.

#### Blogs

#### Videos

#### Books



### Company and Organization

Add your company or organization to the end of the list.

You can also request to add your listing to the home page of the Pylons Project under *Who's using Pylons Project software* by submitting a pull request for <https://github.com/Pylons/pylonshq/blob/master/pylonshq/templates/home/home.mako>.

Listings may appear on [notaliens.com](http://notaliens.com) when that project is deployed.

### Company or Organization Name

URL

Logo

How we use Pyramid

### EXAMPLE: Try Pyramid

<http://www.trypyramid.com/>

Fig. 3.1: Pyramid

We use Pyramid for a simple website to serve as an entry point to all things Pyramid.

### Hypothesis

<https://hypothes.is/> and <https://github.com/hypothesis>

Hypothesis uses Pyramid to power its Web annotation platform. Pyramid is used for all the Web glue: hosting and serving the browser application, hypermedia APIs, and user identity and sign-on integrations.

## **DiscNW**

<http://www.discnw.org/>

Fig. 3.2: DiscNW

Pyramid powers the web site we use to organize youth and adult Ultimate (“Frisbee”) leagues and events around the greater Seattle area.

## **ZOPYX**

<http://www.zopyx.com>

Fig. 3.3: ZOPYX

Python, Plone and Pyramid consulting. We built several smaller and bigger sites with Pyramid in case where the Plone CMS was just the wrong choice.

## **Majerti**

<https://www.majerti.fr>

Fig. 3.4: MAJERTI

Majerti provides services in infrastructure management and software development. Pyramid helps us develop successful software -for instance [Autonomie](#), an enterprise planning solution with hundreds of end users and counting.

## **ITCase**

<http://itcase.pro> and <https://github.com/ITCase>

Pyramid helps us in the creation and rapid prototyping of complex automation systems. We use it to automate business processes and data collection and analysis in areas such as: medicine, public transport, commercial transport, hotel industry, tourism and other

## **Klein & Partner KG**

<http://kleinundpartner.at/>

We are building services upon Python since 2002 and are using Pyramid for non-ECMS tasks from its beginnings. We do consulting, coaching, requirements engineering and coding. Our implementations focus on integration with other webservices and integrated environments. We believe in open source software and thriving communities.

Fig. 3.5: ITCase

Fig. 3.6: Klein & Partner KG

## Projects writed on Pyramid

Add your project that uses Pyramid to the end of the list.

You can also request to add your listing to the page of the Pylons Project under [Pyramid Documentation](#), [Sample Pyramid Development Environments](#) by submitting a pull request for <https://github.com/Pylons/pylonsrtd/blob/master/docs/pyramid.rst>.

Listings may appear on [notaliens.com](http://notaliens.com) when that project is deployed.

### Project Name

Project logo

- Description: a short description of 100 words or fewer of how Pyramid is used in the project.
- Repository: URL of public project repository, if free and open source software (FOSS)
- Documentation: URL of documentation, if available
- Demonstration: URL of project demonstration, if available

### EXAMPLE: Try Pyramid

Fig. 3.7: Pyramid

- Description: We use Pyramid for a simple website to serve as an entry point to all things Pyramid.
- Repository: <https://github.com/Pylons/trypyramid>
- Documentation: n/a
- Demonstration: <http://www.trypyramid.com/>

### Autonomie

- Description : Autonomie is an opensource pyramid-based ERP financed by the collaboration of multiple french worker cooperatives called CAE.
- Repository: <https://github.com/CroissanceCommune/autonomie>
- Documentation: n/a
- Demonstration: <http://autonomie.coop/demonstration/>

Fig. 3.8: Autonomie

### Awesome Pyramid

A curated list of awesome Pyramid apps, projects and resources. Inspired by and based on [awesome-python](#).

- *Awesome Pyramid*
  - *Admin Interface*
  - *Asset Management*
  - *Async*
  - *Authentication*
  - *Authorization*
  - *Caching*
  - *Debugging*
  - *Email*
  - *Forms*
  - *Media-Management*
  - *RESTful API*
  - *Search*
  - *Security*
  - *Settings*
  - *Storage*
  - *Task Queue*
  - *Testing*
  - *Translations*

- *Web frontend integration*
- *Workflows*
- *Other*
- *Projects*
  - *Framework*
  - *CMS*
  - *e-Commerce*
  - *Project Management*
  - *Other*
- *Contributing*

## Admin interface

*Packages that extend the Admin interface, adding or improving features.*

- `pyramid_formalchemy` - provides a CRUD interface for pyramid based on FormAlchemy.
- `pyramid_sacrud` - Pyramid CRUD interface based on sacrud and SQLAlchemy(that is closer to `django.contrib.admin`).

## Asset Management

*Packages that help manage the static assets of a project.*

- `pyramid_webassets` - Pyramid extension for working with the webassets library.
- `pyramid_bowerstatic` - integration of Bowerstatic in Pyramid

## Async

- `aiopyramid` - Run pyramid using asyncio.
- `gevent-socketio` - gevent-socketio is a Python implementation of the Socket.IO protocol, developed originally for Node.js by LearnBoost and then ported to other languages.

## Authentication

*Packages that improve or extend the authentication methods of Pyramid.*

- `pyramid_ldap` - an LDAP authentication policy for Pyramid.
- `pyramid_who` - Authentication policy for pyramid using repoze.who 2.0 API.
- `velruse` - Simplifying third-party authentication for web applications. it supports most of auth providers.
- `pyramid_persona` - Pyramid plugin to use `persona` for authentication.

## Authorization

*Packages related to authorization infrastructure and permissions.*

- [ziggurat\\_foundations](#) - Framework agnostic set of sqlalchemy classes that make building applications that require permissions an easy task.
- [pyramid\\_multiauth](#) - An authentication policy for Pyramid that proxies to a stack of other authentication policies.
- [horus](#) - User registration and login system for the Pyramid Web Framework.

## Caching

*Packages that help with caching.*

- [pyramid\\_beaker](#) - A Beaker session factory backend for Pyramid, also cache configurator.
- [pyramid\\_redis\\_sessions](#) - Pyramid web framework session factory backed by Redis.
- [pyramid\\_dogpile\\_cache](#) - dogpile.cache configuration package for Pyramid
- [pyramid\\_sessions](#) - Multiple session support for the Pyramid Web Framework

## Debugging

*Packages that help hunt down bugs.*

- [pyramid\\_debugtoolbar](#) - provides a debug toolbar useful while you're developing your Pyramid application.
- [pyramid\\_exclog](#) - a package which logs exceptions from Pyramid applications.
- [pyramid\\_debugtoolbar\\_dogpile](#) - dogpile caching support for pyramid\_debugtoolbar

## Email

*Packages that help manage email sending.*

- [pyramid\\_mailer](#) - A package for sending email from your Pyramid application.
- [pyramid\\_marowmailer](#) - Pyramid integration package for marrow.mailer, formerly known as TurboMail

## Forms

*Packages that extend the functionality of forms or add new types of forms.*

- [deform](#) - is a Python HTML form generation library.
- [colander](#) - A serialization/deserialization/validation library for strings, mappings and lists.
- [WTForms](#) - is a flexible forms validation and rendering library for python web development.
- [ColanderAlchemy](#) - helps you to auto-generate Colander schemas that are based on SQLAlchemy mapped classes.

## Media-Management

- [pyramid\\_elfinder](#) - This is conector for elfinder file manager, written for pyramid framework.

## RESTful API

*Packages for developing RESTful APIs.*

- [cornice](#) - provides helpers to build & document REST-ish Web Services with Pyramid, with decent default behaviors. It takes care of following the HTTP specification in an automated way where possible.
- [rest\\_toolkit](#) - is a Python package which provides a very convenient way to build REST servers. It is build on top of Pyramid, but you do not need to know much about Pyramid to use rest\_toolkit.
- [pyramid\\_royal](#) - Royal is a pyramid extension which eases writing RESTful web applications.

## Search

*Packages that provide search capabilities to projects.*

- [hypatia](#) - A Python indexing and searching system.

## Security

*Packages that improve the security of a project.*

## Settings

*Packages that help manage the configurability of projects.*

- [pyramid\\_zcml](#) - Zope Configuration Markup Language configuration support for Pyramid.

## Storage

*Packages that extend the functionality of the existing storage backend or provide new storage backends.*

- [pyramid\\_sqlalchemy](#) - provides some basic glue to facilitate using SQLAlchemy with Pyramid.
- [pyramid\\_zodbconn](#) - ZODB Database connection management for Pyramid.
- [pyramid\\_mongoengine](#) - pyramid-mongoengine package based on flask-mongoengine

## Task Queue

*Packages that make working with task/background queues easier.*

- [pyramid\\_celery](#) - Pyramid configuration with celery integration. Allows you to use pyramid .ini files to configure celery and have your pyramid configuration inside celery tasks.
- [pyramid\\_rq](#) - Support using the rq queueing system with pyramid The easiest way to monitor and use RQ in your Pyramid projects.

## Templates

- [pyramid\\_mako](#) - Mako templating system bindings for the Pyramid web framework.
- [pyramid\\_chameleon](#) - Chameleon template compiler for pyramid.
- [pyramid\\_jinja2](#) - Jinja2 templating system bindings for the Pyramid web framework.

## Testing

*Packages that help test code or generate test data.*

- [webtest](#) - Wraps any WSGI application and makes it easy to send test requests to that application, without starting up an HTTP server.

## Translations

*Packages help with the task of translating projects.*

## Web frontend integration

## Workflows

*Packages that do process, procedure and/or business tasks management.*

## Other

- [pyramid\\_layout](#) - Pyramid add-on for managing UI layouts.
- [pyramid\\_skins](#) - This package provides a simple framework to integrate code with templates and resources.
- [waitress](#) - Waitress is meant to be a production-quality pure-Python WSGI server with very acceptable performance. It has no dependencies except ones which live in the Python standard library.
- [pyramid\\_handlers](#) - analogue of Pylons-style “controllers” for Pyramid.
- [pyramid\\_rpc](#) - RPC service add-on for Pyramid, supports XML-RPC in a more extensible manner than [pyramid\\_xmlrpc](#) with support for JSON-RPC and AMF.
- [pyramid\\_autodoc](#) - Sphinx extension for documenting your Pyramid APIs.
- [pyramid\\_tm](#) - Centralized transaction management for Pyramid applications (without middleware).
- [paginate](#) - Python pagination module.
- [pyramid\\_tablib](#) - tablib renderer (xlsx, xls, csv) for pyramid
- [pyramid\\_sacrud\\_pages](#) - Provides a collections of tree pages to your Pyramid application.
- [tomb\\_routes](#) - Simple utility library around pyramid routing

## Projects

*Outstanding Pyramid projects.*

## Framework

- [Ringo](#) - Ringo is a Python based high level web application framework build on top of Pyramid. The framework can be used to build form based management or administration software.

## CMS

- [nive\\_cms](#) - Nive is professional out the box content management system for mobile and desktop websites based on python and the webframework pyramid. Please refer to the website [cms.nive.co](http://cms.nive.co) for detailed information.
- [substanced](#) - An application server built upon the Pyramid web framework. It provides a user interface for managing content as well as libraries and utilities which make it easy to create applications.
- [Kotti](#) - A user-friendly, light-weight and extensible web content management system. Based on Pyramid and SQLAlchemy.
- [KARL](#) - A moderately-sized application (roughly 80K lines of Python code) built on top of Pyramid. It is an open source web system for collaboration, organizational intranets, and knowledge management. It provides facilities for wikis, calendars, manuals, searching, tagging, commenting, and file uploads. See the KARL site for download and installation details.

## e-Commerce

### Project Management

### Other

- [cluegun](#) - A simple pastebin application based on Rocky Burt's ClueBin. It demonstrates form processing, security, and the use of ZODB within a Pyramid application.
- [shootout](#) - An example "idea competition" application by Carlos de la Guardia and Lukasz Fidosz. It demonstrates URL dispatch, simple authentication, integration with SQLAlchemy and pyramid\_simpleform.
- [virginia](#) - A very simple dynamic file rendering application. It is willing to render structured text documents, HTML documents, and images from a filesystem directory. It's also a good example of traversal. An earlier version of this application runs the [repoze.org](http://repoze.org) website.
- [Akhet](#) - A Pyramid library and demo application with a Pylons-like feel. Its most known for its former application scaffold, which helped users transition from Pylons and those preferring a more Pylons-like API. The scaffold has been retired but the demo plays a similar role.
- [Khufu Project](#) - Khufu is an application scaffolding for Pyramid that provides an environment to work with Jinja2 and SQLAlchemy.
- [Ptah](#) - Ptah is a fast, fun, open source high-level Python web development environment.
- [pyramid\\_sacrud\\_example](#) - Demo app for pyramid extension of sacrud

## Contributing

Just fork and send a pull request with your awesome Pyramid apps, projects or resources.

## CHAPTER 5

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### Indices and tables

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- `genindex`
- `modindex`
- `search`