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# **django-admin-timeline Documentation**

*Release 1.4*

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A Facebook-like timeline app for Django admin. It's very similar to built-in feature *Daily progress*, but then has a nicer templates and infinite scroll implemented. Actions are broken up by day, then by action. Filtering by user (multiple select) and content type (multiple select) is implemented.



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## Prerequisites

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- Django 1.4, 1.5, 1.6, 1.7
- Python  $\geq$ 2.6.8, 2.7, 3.3





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## Installation

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1. Install in your virtual environment

Latest stable version from PyPI:

```
$ pip install django-admin-timeline
```

Latest stable version from bitbucket:

```
$ pip install -e hg+http://bitbucket.org/barseghyanartur/django-admin-timeline@stable#egg=django-admin-timeline
```

Latest stable version from github:

```
$ pip install -e git+https://github.com/barseghyanartur/django-admin-timeline@stable#egg=django-admin-timeline
```

3. Add `admin_timeline` to your `INSTALLED_APPS` in the global `settings.py`.

```
>>> INSTALLED_APPS = (  
>>>     # ...  
>>>     'admin_timeline',  
>>>     # ...  
>>> )
```

4. Collect the static files by running (see the Troubleshooting section in case of problems):

```
$ ./manage.py collectstatic
```

5. Override app settings in your global `settings` module (see the `apps.admin_timeline.defaults` for the list of settings). As for now, most important of those is `NUMBER_OF_ENTRIES_PER_PAGE` - number of entries displayed per page (for both non-AJAX and AJAX requests).

6. Add the following lines to the global `urls` module:

```
>>> # Admin timeline URLs. Should be placed BEFORE the Django admin URLs.  
>>> (r'^admin/timeline/', include('admin_timeline.urls')),  
>>> url(r'^admin/', include(admin.site.urls)),
```



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## Demo

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In order to be able to quickly evaluate the *django-admin-timeline*, a demo app (with a quick installer) has been created (works on Ubuntu/Debian, may work on other Linux systems as well, although not guaranteed). Follow the instructions below for having the demo running within a minute.

Grab the latest *django\_admin\_timeline\_example\_app\_installer.sh*:

```
$ wget https://raw.githubusercontent.com/barseghyanartur/django-admin-timeline/stable/example/django_admin_timeline_example_app_installer.sh
```

Assign execute rights to the installer and run the *django\_admin\_timeline\_example\_app\_installer.sh*:

```
$ chmod +x django_admin_timeline_example_app_installer.sh
```

```
$ ./django_admin_timeline_example_app_installer.sh
```

Open your browser and test the app.

- URL: <http://127.0.0.1:8001/admin/timeline/>
- Admin username: admin
- Admin password: test

If quick installer doesn't work for you, see the manual steps on running the [example project](#).



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## Troubleshooting

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If somehow static files are not collected properly (missing `admin_timeline.js` and `admin_timeline.css` files), install the latest stable version from source.

```
$ pip install -e hg+http://bitbucket.org/barseghyanartur/django-admin-timeline@stable#egg=django-admin-timeline
```



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### Usage

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After following all installation steps, you should be able to access the admin-timeline by:

<http://127.0.0.1:8000/admin/timeline/>

An example application is available. See the following directory:

<https://github.com/barseghyanartur/django-admin-timeline/tree/stable/example>





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**License**

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GPL 2.0/LGPL 2.1



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**Support**

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For any issues contact me at the e-mail given in the *Author* section.



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**Author**

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# Screenshots

The screenshot displays the Django administration interface for a timeline view on Monday, 27 February 2012. The page header shows 'Django administration' and a user greeting: 'Welcome, admin. Change password / Log out'. The breadcrumb trail is 'Home > Timeline'. On the right side, there is a filter sidebar with two sections: 'Users' and 'Content types'. The 'Users' section lists John Doe, Oscar, Artur Barseghyan, admin, Johnatan Livingstone, and Charlie Big Potatoe. The 'Content types' section lists Foo 3 item, Foo item, Foo 2 item, and Foo 4 item. A 'Filter' button is located below these sections. The main content area features a vertical timeline with a central axis. Events are represented by boxes extending horizontally from the axis. Each event box contains the user name, the action 'Created an Foo X item', and a placeholder text. The events are as follows:

- 9:36:48 PM: john.doe Created an Foo 2 item (Malesuada)
- 9:36:48 PM: admin Created an Foo item (Aliquam)
- 9:36:48 PM: john.doe Created an Foo 3 item (Cum)
- 12:42:51 AM: john.doe Created an Foo 4 item (Venenatis)
- 12:42:51 AM: john.doe Created an Foo 3 item (Liber0)
- 12:42:51 AM: oscar Created an Foo 2 item (Nulla)
- 12:42:51 AM: oscar Created an Foo item (Pharetra)
- 12:42:51 AM: oscar Created an Foo 3 item (A)
- 12:42:51 AM: admin Created an Foo item (Aptent)



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## Documentation

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Screenshots are available in documentation:

- PythonHosted (<http://pythonhosted.org/django-admin-timeline/#documentation>)
- Read the Docs (<http://django-admin-timeline.readthedocs.org/en/latest/#documentation>)

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