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# **django-exportdata Documentation**

*Release 0.2*

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App for export data in csv files from models with selected fields and custom filtration. Useful for create reports and calculate some statistic data for external sources.



## Installation

This app works with python 2.6-2.7, Django 1.3 and higher.

Recommended way to install is via pip:

```
pip install django-exportdata
```

And add `exportdata` to `INSTALLED_APPS` in `settings.py`

## Usage

Command syntax:

```
$ python manage.py exportdata <app.Model> [options]
```

## Basic

Run for export all model data in `~/exportdata/app.Model.csv` file:

```
$ python manage.py exportdata app.Model
```

## Advanced

### `--fields` option

You can select fields in model for export. By default, if `--fields` option is not set – export all fields.

Option support FK-fields, model methods, properties, and decorated methods.

### Example

```
$ python manage.py exportdata app.model --fields=pk,model_field,get_absolute_url,  
↪method_property,fk__field
```

### --filters option

You can set custom filtration (based on model manager methods or `filter(field=value)` filtration).

### Example

```
$ python manage.py exportdata app.model --filters=active,paid,field=value,fk__field__  
↪gte=value
```

### --ordering option

You can set sort for `order_by` method.

### Example

```
$ python manage.py exportdata app.model --ordering=-created_on,title
```

### --range option

Set “from and to” diapason values primary keys (pks) for export or set comma-separated values.

### Examples

“From and to” range:

```
$ python manage.py exportdata app.model --range=1-100
```

Comma separated values:

```
$ python manage.py exportdata app.model --range=1,2,3,4,5
```

### --filepath option

You can provide custom file path for save data.

By default, all files save to `~/exportdata/app.model.csv` files.

### Example



```
$ python manage.py exportdata app.model --filepath=directory/filename.extension
```

### **--permalinks option**

Set fields when decorated `models.permalink` (by default `get_absolute_url` field).

This option add the domain before data from field.

### **Example**

```
$ python manage.py exportdata app.model --permalinks=get_absolute_url,get_absolute_
↪admin_url
```

## **Serializers**

Currently `django-exportdata` supports only csv files export.

There are plans to add other serialization in future releases.

## **Changelog**

### **0.2 (2013-07-20)**

- Moved many operations in methods with improvements
- Added advanced filtration for `--filters` option
- Added support `--range` option
- Added `--filepath` option for set file for save data
- Added `--permalinks` option for get `models.permalink` decorated fields
- Added help for all options and for the command
- Added package documentation on ReadTheDocs

### **0.1 (2013-07-13)**

Initial release



## CHAPTER 2

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### Contributing

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You can grab latest code at [Github](#).

Feel free to submit [issues](#), pull requests are also welcome.