cd

macbookpro:djangoweb mark$ virtualenv django-arboretum

macbookpro:djangoweb mark$ cd django-arboretum

macbookpro: django-arboretum mark$ source bin/activate

(django-arboretum)macbookpro: django-arboretum mark$ pip install django

(django-arboretum)macbookpro: django-arboretum mark$ pip install django-mptt

(django-arboretum)macbookpro:django-arboretum mark$ pip uninstall setuptools

(django-arboretum)macbookpro:django-arboretum mark$ pip install setuptools

(django-arboretum)macbookpro:arboretum mark$ pip freeze >

Django==1.8.1

django-mptt==0.7.2

wsgiref==0.1.2

pip freeze > requirements.txt

(django-arboretum)macbookpro:django-arboretum mark$ django-admin startproject arboretum

(django-arboretum)macbookpro:django-arboretum mark$ cd arboretum

(django-arboretum)macbookpro:arboretum mark$ python manage.py startapp demoapp

(django-arboretum)macbookpro:arboretum mark$ python manage.py migrate

(django-arboretum)macbookpro:arboretum mark$ python manage.py createsuperuser

(django-arboretum)macbookpro:arboretum mark$ cd demoapp

(django-arboretum)macbookpro:demoapp mark$ nano models.py

from mptt.models import MPTTModel

from django.db import models

from django.core.urlresolvers import reverse

class Domain(MPTTModel):

parent = models.ForeignKey('self', null=True, blank=True, related\_name='children')

title = models.CharField(max\_length=255)

def \_\_unicode\_\_(self):

return self.title

class Meta:

db\_table = 'domains'

class MPTTMeta:

order\_insertion\_by = ['title']

(django-arboretum)macbookpro:arboretum mark$ nano ~/djangoweb/django-arboretum/arboretum/arboretum/settings.py

INSTALLED\_APPS = (

'django.contrib.admin',

'django.contrib.auth',

'django.contrib.contenttypes',

'django.contrib.sessions',

'django.contrib.messages',

'django.contrib.staticfiles',

'mptt’,

demoapp',

)

TEMPLATES = [

{

'BACKEND': 'django.template.backends.django.DjangoTemplates',

**'DIRS': [ os.path.join(BASE\_DIR, 'templates')],**

'APP\_DIRS': True,

'OPTIONS': {

'context\_processors': [

'django.template.context\_processors.debug',

'django.template.context\_processors.request',

'django.contrib.auth.context\_processors.auth',

'django.contrib.messages.context\_processors.messages',

],

},

},

]

cd ..

(django-arboretum)macbookpro:arboretum mark$ python manage.py makemigrations

(django-arboretum)macbookpro:arboretum mark$ python manage.py migrate

(django-arboretum)macbookpro:arboretum mark$ nano demoapp/admin.py

from django.contrib import admin

from mptt.admin import MPTTModelAdmin

from demoapp.models import Domain

class DomainAdmin(MPTTModelAdmin):

pass

admin.site.register(Domain, DomainAdmin)

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

Add some data to domain

(django-arboretum)macbookpro:arboretum mark$ nano demoapp/forms.py

from django import forms

# from fancytree.widgets import FancyTreeWidget

from demoapp.models import Domain

domains = Domain.objects.all()

# class TreeForm(forms.Form):

# domains = forms.ModelMultipleChoiceField(

# queryset = domains,

# widget = FancyTreeWidget(queryset=domains,select\_mode=2, checkbox=True, containermode = False)

# )

class TreeForm(forms.Form):

domains = forms.ModelMultipleChoiceField(

queryset = domains

)

(django-arboretum)macbookpro:arboretum mark$ nano arboretum/urls.py

from django.conf.urls import include, url

from django.contrib import admin

from demoapp.views import TreeView

urlpatterns = [

url(r'^$', TreeView.as\_view(), name='home'),

url(r'^admin/', include(admin.site.urls)),

]

(django-arboretum)macbookpro:arboretum mark$ mkdir templates

(django-arboretum)macbookpro:arboretum mark$ mkdir templates/demoapp

(django-arboretum)macbookpro:arboretum mark$ nano templates/base.html

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"

"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head>

<title>{% block title %}{% endblock %}</title>

<meta http-equiv="Content-Type" content="text/html; charset=UTF-8"/>

<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.1/jquery.js"></script>

<script src="https://ajax.googleapis.com/ajax/libs/jqueryui/1.10.4/jquery-ui.min.js"></script>

{% block extra\_head %}

{% endblock %}

</head>

<body>

<div class="content">

{% block content %}

{% endblock %}

</div>

{% block extra\_scripts %}

{% endblock %}

</body>

</html>

(django-arboretum)macbookpro:arboretum mark$ nano templates/demoapp/demo.html

{% extends "base.html" %}

{% block extra\_head %}

{{ form.media.css }}

{% endblock %}

{% block title %}

FancyTree test

{% endblock %}

{% block content %}

<form action="." method="POST">{% csrf\_token %}

{{ form.as\_p }}

</form>

{% endblock %}

{% block extra\_scripts %}

{{ form.media.js }}

{% endblock %}

(django-arboretum)macbookpro:arboretum mark$ nano demoapp/views.py

from demoapp.forms import TreeForm

from django.shortcuts import render

from django.views.generic.edit import FormView

# def TreeView(request, template\_name= "fancytree.html"):

class TreeView(FormView):

template\_name = 'demoapp/demo.html'

form\_class = TreeForm

# form = TreeForm(request.POST or None)

# if request.method == "POST":

# if form.is\_valid():

# print form.cleaned\_data

# else:

# print form.errors

# return render(request, template\_name, {'form': form})

**Kopieer het fancytree pakket**

(django-arboretum)macbookpro:arboretum mark$ nano arboretum/settings.py

INSTALLED\_APPS = (

'django.contrib.admin',

'django.contrib.auth',

'django.contrib.contenttypes',

'django.contrib.sessions',

'django.contrib.messages',

'django.contrib.staticfiles',

**‘fancytree’,**

'mptt’,

‘demoapp',

)

(django-arboretum)macbookpro:arboretum mark$ nano demoapp/forms.py

class TreeForm(forms.Form):

domains = forms.ModelMultipleChoiceField(

queryset = domains,

widget = FancyTreeWidget(queryset=domains,select\_mode=2, checkbox=True, containermode = False),

)

(django-arboretum)macbookpro:arboretum mark$ pip install django-bootstrap3

(django-arboretum)macbookpro:arboretum mark$ nano arboretum/settings.py

INSTALLED\_APPS = (

'django.contrib.admin',

'django.contrib.auth',

'django.contrib.contenttypes',

'django.contrib.sessions',

'django.contrib.messages',

'django.contrib.staticfiles',

**'bootstrap3',**

‘fancytree’,

'mptt’,

‘demoapp',

)

(django-arboretum)macbookpro:arboretum mark$ nano templates/base.html

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"

"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

{% load bootstrap3 %}

<head>

<title>

{% block bootstrap3\_title %}

django-bootstrap3 template title

{% endblock %}

</title>

{% bootstrap\_css %}

<meta http-equiv="Content-Type" content="text/html; charset=UTF-8"/>

<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.1/jquery.js"></script>

<script src="https://ajax.googleapis.com/ajax/libs/jqueryui/1.10.4/jquery-ui.min.js"></script>

</head>

{% block bootstrap3\_content %}

<div class="container">

<h1>{% block title %}(no title){% endblock %}</h1>

{% block extra\_head %}

{% endblock %}

<p>

<a href="{% url 'home' %}">home</a>

</p>

{% bootstrap\_messages %}

{% block content %}

(no content)

{% endblock %}

{% block extra\_scripts %}

{% endblock %}

</div>

{% endblock %}

</html>

(django-arboretum)macbookpro:arboretum mark$ pip freeze

**Django==1.8.1**

**django-bootstrap3==5.4.0**

**django-mptt==0.7.2**

**wsgiref==0.1.2**

**(django-arboretum)macbookpro:arboretum mark$**