# 模块 管理数据

(*) urls.py

```python
from django.conf.urls import url
import demo.views

urlpatterns = [
    url(r'^$', demo.views.show),
]
```

(*) demo\forms.py

```python
from django import forms

class PersonForm(forms.Form):
    SEXLIST=[["男","男"],["女","女"]]
    Name=forms.CharField(label="Name",required=True)
    Sex=forms.ChoiceField(label="Sex",choices=SEXLIST,initial="男")
    Age=forms.IntegerField()
```

(*) person\models.py

```python
from django.db import models

# Create your models here.

# create table PersonModel ( Name char(8) primary key,Sex char(2),Age int)

class PersonModel(models.Model):
    Name=models.CharField(max_length=8,primary_key=True)
    Sex=models.CharField(max_length=2)
    Age=models.IntegerField()
```

(*) templates\show.html

```html
<script>
    function updateRow()
    {
        var frm=document.getElementById("frm");
```

```html
            frm.action="?cmd=update";
            frm.submit();
        }

    function deleteRow()
    {
            var frm=document.getElementById("frm");
            frm.action="?cmd=delete";
            frm.submit();
        }

    function insertRow()
    {
        var frm=document.getElementById("frm");
        frm.action="?cmd=insert";
        frm.submit();
        }

</script>

<h3>Person List</h3>
{% for p in persons %}
<div>{{p.Name}},{{p.Sex}},{{p.Age}}</div>
{% endfor %}

<p>
<form name="frm" id="frm" action="" method="post">
    <table>
    {{form.as_table}}
    </table>
    <input type="button" value="增加" onclick="insertRow()"  />
    <input type="button" value="修改" onclick="updateRow()" />
    <input type="button" value="删除" onclick="deleteRow()" />
</form>
{{msg}}
</p>
```

(*) demo.views.py

```python
from django.shortcuts import render
from persons.models import PersonModel
from demo.forms import PersonForm
```

```python
def show(request):
    msg=""
    if request.method=="POST":
        form=PersonForm(request.POST)
        Name=request.POST.get("Name","")
        Sex=request.POST.get("Sex")
        Age=request.POST.get("Age","0")
        try:
            Age=int(Age)
        except:
            Age=0
        cmd=request.GET.get("cmd")
        try:
            if cmd=="insert":
                PersonModel.objects.create(Name=Name,Sex=Sex,Age=Age)
                msg="增加成功"
            elif cmd=="update":
                PersonModel.objects.filter(Name=Name).update(Sex=Sex,Age=Age)
                msg="修改成功"
            elif cmd=="delete":
                PersonModel.objects.filter(Name=Name).delete()
                msg="删除成功"
        except Exception as err:
            msg=str(err)
    else:
        form=PersonForm()
    persons=PersonModel.objects.all().order_by("Name")
    return render(request,"show.html",locals())
```

(*) Executing

**python manage.py makemigrations**
**python manage.py migrate**

(*)