Souvenir

1.0

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Namespace Index

1.1 Namespace List

Here is a list of all documented namespaces with brief descriptions:

Chapter 2

Hierarchical Index

2.1 Class Hierarchy

This inheritance list is sorted roughly, but not completely, alphabetically:

Chapter 3

Class Index

3.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

Chapter 4

Namespace Documentation

4.1 souvenir.contact.tests Namespace Reference

Classes

- class SimpleTest

Variables

- dictionary **__test__** = {"doctest": """"Another way to test that 1 + 1 is equal to 2.$>>>$ 1 + 1 == 2True"""}

4.1.1 Detailed Description

```
This file demonstrates two different styles of tests (one doctest and one
unittest). These will both pass when you run "manage.py test".

Replace these with more appropriate tests for your application.
```

Chapter 5

Class Documentation

5.1 souvenir.userprofile.models.Avatar Class Reference

Inheritance diagram for souvenir.userprofile.models.Avatar:

```
┌─────────────────────────────────────┐
│                 Model                │
└─────────────────────────────────────┘
                   ▲
┌─────────────────────────────────────┐
│  souvenir.userprofile.models.Avatar  │
└─────────────────────────────────────┘
```
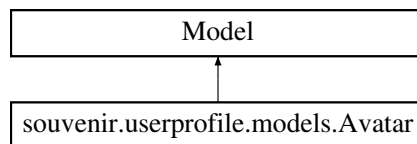
Classes

- class Meta

Public Member Functions

- def **__unicode__**
- def **delete**
- def **save**

Static Public Attributes

- tuple **image** = models.ImageField(upload_to="avatars/%Y/%b/%d")
- tuple **user** = models.ForeignKey(User)
- tuple **date** = models.DateTimeField(auto_now_add=True)
- tuple **valid** = models.BooleanField()

5.1.1 Detailed Description

```
Avatar model
```

The documentation for this class was generated from the following file:

- userprofile/models.py

5.2 souvenir.userprofile.forms.AvatarCropForm Class Reference

Inheritance diagram for souvenir.userprofile.forms.AvatarCropForm:

```
┌─────────────────────────────────────────────┐
│                    Form                       │
└─────────────────────────────────────────────┘
                        ▲
┌─────────────────────────────────────────────┐
│   souvenir.userprofile.forms.AvatarCropForm   │
└─────────────────────────────────────────────┘
```

Public Member Functions

- def **clean**

Static Public Attributes

- tuple **top** = forms.IntegerField()
- tuple **bottom** = forms.IntegerField()
- tuple **left** = forms.IntegerField()
- tuple **right** = forms.IntegerField()

5.2.1 Detailed Description

```
Crop dimensions form
```

The documentation for this class was generated from the following file:

- userprofile/forms.py

5.3 souvenir.userprofile.forms.AvatarForm Class Reference

Inheritance diagram for souvenir.userprofile.forms.AvatarForm:

```
┌─────────────────────────────────────────────┐
│                    Form                       │
└─────────────────────────────────────────────┘
                        ▲
┌─────────────────────────────────────────────┐
│     souvenir.userprofile.forms.AvatarForm     │
└─────────────────────────────────────────────┘
```
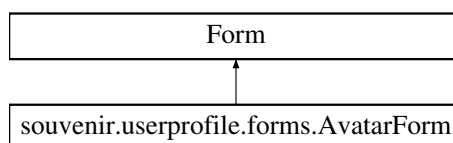
Public Member Functions

- def **clean_url**
- def **clean**

Static Public Attributes

- tuple **photo** = forms.ImageField(required=False)
- tuple **url** = forms.URLField(required=False)

5.3.1 Detailed Description

```
The avatar form requires only one image field.
```

The documentation for this class was generated from the following file:

- userprofile/forms.py

5.4 souvenir.userprofile.models.BaseProfile Class Reference

Inheritance diagram for souvenir.userprofile.models.BaseProfile:

```
┌─────────────────────────────────────────────┐
│                    Model                      │
└─────────────────────────────────────────────┘
                       ▲
┌─────────────────────────────────────────────┐
│   souvenir.userprofile.models.BaseProfile     │
└─────────────────────────────────────────────┘
                       ▲
┌─────────────────────────────────────────────┐
│       souvenir.student.models.Profile         │
└─────────────────────────────────────────────┘
```
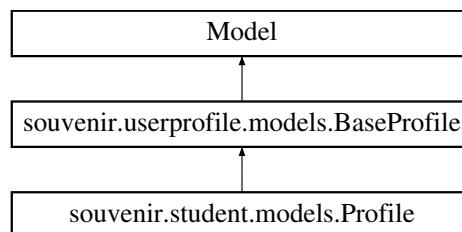
Classes

- class Meta

Public Member Functions

- def **has_avatar**
- def **__unicode__**
- def **get_absolute_url**

Static Public Attributes

- tuple **user** = models.ForeignKey(User, unique=True)
- tuple **date** = models.DateTimeField(default=datetime.datetime.now)
- tuple **country** = CountryField(null=True, default='India', blank=True)
- tuple **latitude** = models.DecimalField(max_digits=10, decimal_places=6, blank=True, null=True)
- tuple **longitude** = models.DecimalField(max_digits=10, decimal_places=6, blank=True, null=True)
- tuple **location** = models.CharField(max_length=255, blank=True)
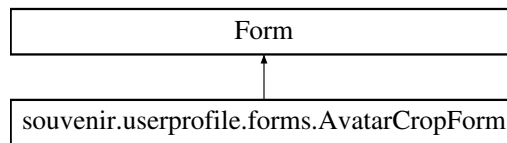
5.4.1 Detailed Description

```
User profile model
```

The documentation for this class was generated from the following file:

- userprofile/models.py

5.5 souvenir.contact.forms.ContactForm Class Reference

Inheritance diagram for souvenir.contact.forms.ContactForm:

```
            ┌─────────────────────────────────────┐
            │                Form                 │
            └─────────────────────────────────────┘
                              ▲
            ┌─────────────────────────────────────┐
            │  souvenir.contact.forms.ContactForm │
            └─────────────────────────────────────┘
```

Static Public Attributes

- tuple **subject** = forms.CharField(max_length=100)
- tuple **email** = forms.EmailField(label='Your e-mail address')
- tuple **message** = forms.CharField(widget=forms.Textarea)

The documentation for this class was generated from the following file:

- contact/forms.py

5.6 souvenir.userprofile.countries.CountryField Class Reference

Inheritance diagram for souvenir.userprofile.countries.CountryField:

```
            ┌─────────────────────────────────────────┐
            │                CharField                │
            └─────────────────────────────────────────┘
                              ▲
            ┌─────────────────────────────────────────┐
            │ souvenir.userprofile.countries.CountryField │
            └─────────────────────────────────────────┘
```
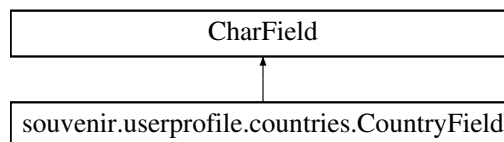
Public Member Functions

- def **__init__**
- def **get_internal_type**

The documentation for this class was generated from the following file:

- userprofile/countries.py

5.7 TuxieMagick.Dimension Class Reference

Public Member Functions

- def **__init__**
- def **__str__**
- def **width**
- def **height**

Public Attributes

- **image**

The documentation for this class was generated from the following file:

- userprofile/utils/TuxieMagick.py

5.8 souvenir.userprofile.models.EmailValidation Class Reference

Inheritance diagram for souvenir.userprofile.models.EmailValidation:

```
┌─────────────────────────────────────────────┐
│                    Model                       │
└─────────────────────────────────────────────┘
                        ▲
┌─────────────────────────────────────────────┐
│  souvenir.userprofile.models.EmailValidation   │
└─────────────────────────────────────────────┘
```
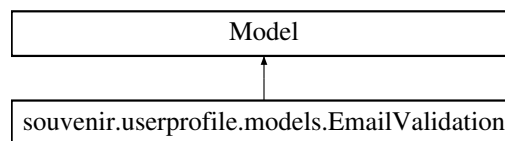
Public Member Functions

- def **__unicode__**
- def **is_expired**
- def resend

Public Attributes

- **created**

Static Public Attributes

- tuple **user** = models.ForeignKey(User, unique=True)
- tuple **email** = models.EmailField(blank=True)
- tuple **key** = models.CharField(max_length=70, unique=True, db_index=True)
- tuple **created** = models.DateTimeField(auto_now_add=True)
- tuple **objects** = EmailValidationManager()

5.8.1 Detailed Description

```
Email Validation model
```

5.8.2 Member Function Documentation

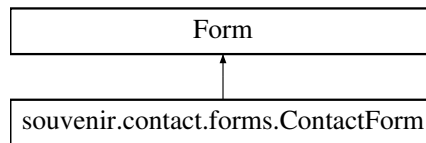#### 5.8.2.1 def souvenir.userprofile.models.EmailValidation.resend (*self*)

```
Resend validation email
```

The documentation for this class was generated from the following file:

- userprofile/models.py

5.9 souvenir.userprofile.admin.EmailValidationAdmin Class Reference

Inheritance diagram for souvenir.userprofile.admin.EmailValidationAdmin:

```
┌─────────────────────────────────────────────┐
│                 ModelAdmin                    │
└─────────────────────────────────────────────┘
                      ▲
                      │
┌─────────────────────────────────────────────┐
│ souvenir.userprofile.admin.EmailValidationAdmin │
└─────────────────────────────────────────────┘
```

Static Public Attributes

- tuple **list_display** = ('__unicode__',)
- tuple **search_fields** = ('user__username', 'user__first_name')

The documentation for this class was generated from the following file:

- userprofile/admin.py

5.10 souvenir.userprofile.forms.EmailValidationForm Class Reference

Inheritance diagram for souvenir.userprofile.forms.EmailValidationForm:

```
┌─────────────────────────────────────────────┐
│                    Form                       │
└─────────────────────────────────────────────┘
                      ▲
                      │
┌─────────────────────────────────────────────┐
│ souvenir.userprofile.forms.EmailValidationForm │
└─────────────────────────────────────────────┘
```
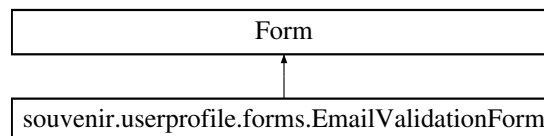
Public Member Functions

- def clean_email

Static Public Attributes

- tuple **email** = forms.EmailField()

5.10.1 Member Function Documentation

5.10.1.1 def souvenir.userprofile.forms.EmailValidationForm.clean_email (*self*)

```
Verify that the email exists
```
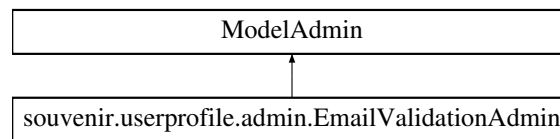
The documentation for this class was generated from the following file:

- userprofile/forms.py

5.11 souvenir.userprofile.models.EmailValidationManager Class Reference

Inheritance diagram for souvenir.userprofile.models.EmailValidationManager:

```
┌─────────────────────────────────────────────────────┐
│                      Manager                          │
└─────────────────────────────────────────────────────┘
                          ▲
                          │
┌─────────────────────────────────────────────────────┐
│   souvenir.userprofile.models.EmailValidationManager  │
└─────────────────────────────────────────────────────┘
```

Public Member Functions

- def **verify**
- def **getuser**
- def add

Public Attributes

- **key**

5.11.1 Detailed Description

```
Email validation manager
```

5.11.2 Member Function Documentation

5.11.2.1 def souvenir.userprofile.models.EmailValidationManager.add (*self, user, email*)

```
Add a new validation process entry
```

The documentation for this class was generated from the following file:

- userprofile/models.py

5.12 TuxieMagick.Image Class Reference

Public Member Functions

- def **__init__**
- def **size**
- def **scale**
- def **crop**
- def **write**
- def **watermark**
- def **comment**

Public Attributes

- **y**
- **actions**
- **exists**
- **filename**
- **x**
- **crop**
- **crop_gravity**
- **brightness**
- **watermark**
- **gravity**
- **comment**

The documentation for this class was generated from the following file:

- userprofile/utils/TuxieMagick.py

5.13 souvenir.userprofile.forms.LocationForm Class Reference

Inheritance diagram for souvenir.userprofile.forms.LocationForm:

```
┌─────────────────────────────────────────┐
│                ModelForm                 │
└─────────────────────────────────────────┘
                     ▲
┌─────────────────────────────────────────┐
│  souvenir.userprofile.forms.LocationForm │
└─────────────────────────────────────────┘
```
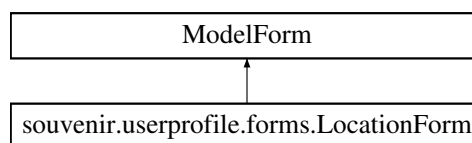
Classes

- class Meta

5.13.1 Detailed Description

```
Profile location form
```
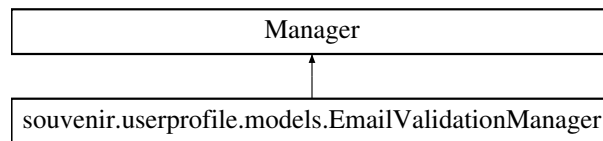
The documentation for this class was generated from the following file:

- userprofile/forms.py

5.14 souvenir.userprofile.forms.LocationForm.Meta Class Reference

Static Public Attributes

- **model** = Profile
- tuple **fields** = ('location', 'latitude', 'longitude', 'country')

The documentation for this class was generated from the following file:

- userprofile/forms.py

5.15 souvenir.userprofile.models.BaseProfile.Meta Class Reference

Static Public Attributes

- **abstract** = True

The documentation for this class was generated from the following file:

- userprofile/models.py

5.16 souvenir.userprofile.forms.ProfileForm.Meta Class Reference

Static Public Attributes

- **model** = Profile
- tuple **exclude**

5.16.1 Member Data Documentation

5.16.1.1 tuple souvenir.userprofile.forms.ProfileForm.Meta.exclude [static]

Initial value:

```
1 = ('date', 'location', 'latitude', 'longitude', 'country',
2                 'user', 'public')
```

The documentation for this class was generated from the following file:

- userprofile/forms.py

5.17 souvenir.userprofile.models.Avatar.Meta Class Reference

Static Public Attributes

- tuple **unique_together** = (('user', 'valid'),)

The documentation for this class was generated from the following file:

- userprofile/models.py

5.18 souvenir.userprofile.forms.PublicFieldsForm.Meta Class Reference
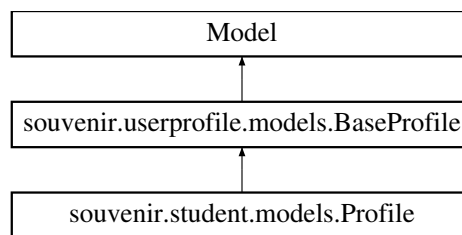
Static Public Attributes

- **model** = Profile
- tuple **exclude** = ('date', 'user', 'public')

The documentation for this class was generated from the following file:

- userprofile/forms.py

5.19   souvenir.student.models.Profile Class Reference

Inheritance diagram for souvenir.student.models.Profile:

```
                         ┌──────────────────────────────────────────┐
                         │                  Model                     │
                         └──────────────────────────────────────────┘
                                              ▲
                         ┌──────────────────────────────────────────┐
                         │  souvenir.userprofile.models.BaseProfile   │
                         └──────────────────────────────────────────┘
                                              ▲
                         ┌──────────────────────────────────────────┐
                         │     souvenir.student.models.Profile        │
                         └──────────────────────────────────────────┘
```

Static Public Attributes

- tuple **firstname** = models.CharField(max_length=255)
- tuple **middlename** = models.CharField(max_length=255,blank=True)
- tuple **lastname** = models.CharField(max_length=255, blank=True)
- tuple **gender** = models.CharField(max_length=1, choices=GENDER_CHOICES)
- tuple **course** = models.CharField(max_length=15, choices=COUSRE_CHOICES)
- tuple **branch** = models.CharField(max_length=50,help_text="(only for B.Tech Students)", choices=BRANC-
  H_CHOICES, blank=True)
- tuple **class_roll_no** = models.IntegerField(null=True)
- tuple **photo** = models.ImageField(upload_to = 'files' ,help_text="(Only use Passport Size photo)")
- tuple **father_name** = models.CharField(max_length=100)
- tuple **mother_name** = models.CharField(max_length=100)
- tuple **birthdate** = models.DateField(default=datetime.date.today())
- tuple **address_1** = models.CharField(max_length=255,)
- tuple **address_2** = models.CharField(max_length=255, blank=True)
- tuple **city** = models.CharField(max_length=255)
- tuple **pin_code** = models.IntegerField(null=True)
- tuple **state** = models.CharField(max_length=30, choices=STATES_CHOICES, default='Punjab')
- tuple **email** = models.EmailField()
- tuple **contact_no** = models.CharField(max_length=25)
- tuple **comments** = models.TextField()

Additional Inherited Members

The documentation for this class was generated from the following file:

- student/models.py

5.20   souvenir.student.admin.ProfileAdmin Class Reference

Inheritance diagram for souvenir.student.admin.ProfileAdmin:

```
                         ┌──────────────────────────────────────────┐
                         │                ModelAdmin                  │
                         └──────────────────────────────────────────┘
                                              ▲
                         ┌──────────────────────────────────────────┐
                         │  souvenir.student.admin.ProfileAdmin       │
                         └──────────────────────────────────────────┘
```
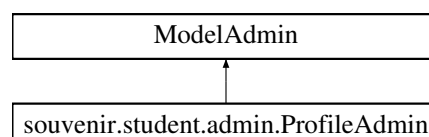
Static Public Attributes

- tuple **list_display** = ('user', 'date','class_roll_no')
- tuple **search_fields** = ('name',)
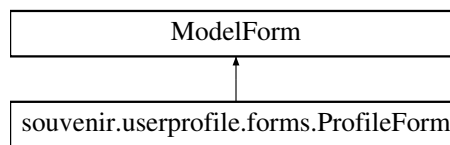
The documentation for this class was generated from the following file:

- student/admin.py

5.21 souvenir.userprofile.forms.ProfileForm Class Reference

Inheritance diagram for souvenir.userprofile.forms.ProfileForm:

```
┌─────────────────────────────────────┐
│             ModelForm                │
└─────────────────────────────────────┘
                    ▲
┌─────────────────────────────────────┐
│ souvenir.userprofile.forms.ProfileForm │
└─────────────────────────────────────┘
```

Classes

- class Meta

5.21.1   Detailed Description

```
Profile Form. Composed by all the Profile model fields.
```

The documentation for this class was generated from the following file:

- userprofile/forms.py

5.22 souvenir.userprofile.forms.PublicFieldsForm Class Reference

Inheritance diagram for souvenir.userprofile.forms.PublicFieldsForm:

```
┌─────────────────────────────────────────┐
│                ModelForm                 │
└─────────────────────────────────────────┘
                      ▲
┌─────────────────────────────────────────┐
│ souvenir.userprofile.forms.PublicFieldsForm │
└─────────────────────────────────────────┘
```

Classes

- class Meta

5.22.1   Detailed Description
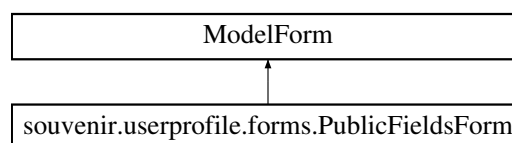
```
Public Fields of the Profile Form. Composed by all the Profile model fields.
```

The documentation for this class was generated from the following file:

- userprofile/forms.py

5.23 souvenir.userprofile.forms.RegistrationForm Class Reference

Inheritance diagram for souvenir.userprofile.forms.RegistrationForm:

```
┌─────────────────────────────────────────────┐
│                     Form                      │
└─────────────────────────────────────────────┘
                       ▲
                       │
┌─────────────────────────────────────────────┐
│    souvenir.userprofile.forms.RegistrationForm │
└─────────────────────────────────────────────┘
```
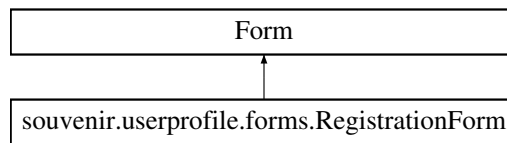
Public Member Functions

- def clean_username
- def clean
- def clean_email

Static Public Attributes

- tuple **username** = forms.CharField(max_length=255, min_length = 3, label=_("Username"))
- tuple **email** = forms.EmailField(required=False, label=_("E-mail address"))
- tuple **password1** = forms.CharField(widget=forms.PasswordInput, label=_("Password"))
- tuple **password2** = forms.CharField(widget=forms.PasswordInput, label=_("Password (again)"))

5.23.1 Member Function Documentation

5.23.1.1 def souvenir.userprofile.forms.RegistrationForm.clean (*self*)

```
Verify that the 2 passwords fields are equal
```

5.23.1.2 def souvenir.userprofile.forms.RegistrationForm.clean_email (*self*)

```
Verify that the email exists
```

5.23.1.3 def souvenir.userprofile.forms.RegistrationForm.clean_username (*self*)
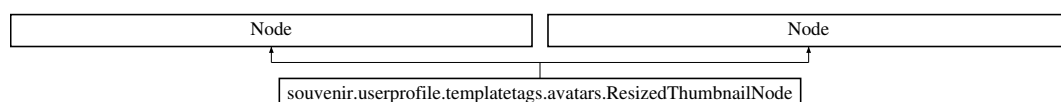
```
Verify that the username isn't already registered
```

The documentation for this class was generated from the following file:

- userprofile/forms.py

5.24 souvenir.userprofile.templatetags.avatars.ResizedThumbnailNode Class Reference

Inheritance diagram for souvenir.userprofile.templatetags.avatars.ResizedThumbnailNode:

```
┌──────────────────────────┐    ┌──────────────────────────┐
│           Node            │    │           Node            │
└──────────────────────────┘    └──────────────────────────┘
              ▲                              ▲
              │                              │
       ┌──────────────────────────────────────────────┐
       │ souvenir.userprofile.templatetags.avatars.ResizedThumbnailNode │
       └──────────────────────────────────────────────┘
```

Public Member Functions

- def **__init__**
- def **get_user**
- def **size_equals**
- def **get_profile**
- def **get_file**
- def **as_url**
- def **render**
- def **__init__**
- def **render**

Public Attributes

- **size**
- **user**

The documentation for this class was generated from the following files:

- userprofile/templatetags/avatars.original.py
- userprofile/templatetags/avatars.py

5.25 souvenir.contact.tests.SimpleTest Class Reference

Inheritance diagram for souvenir.contact.tests.SimpleTest:

```
┌─────────────────────────────────┐
│           TestCase              │
└─────────────────────────────────┘
                 ▲
                 │
┌─────────────────────────────────┐
│ souvenir.contact.tests.SimpleTest │
└─────────────────────────────────┘
```
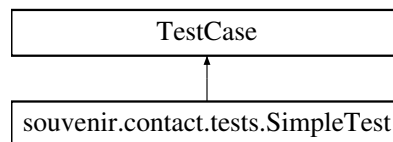
Public Member Functions

- def test_basic_addition

5.25.1 Member Function Documentation

5.25.1.1 def souvenir.contact.tests.SimpleTest.test_basic_addition (*self*)

```
Tests that 1 + 1 always equals 2.
```

The documentation for this class was generated from the following file:

- contact/tests.py