

microblog

API Documentation

June 22, 2013

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1 Module addAdmin

Created on 20/04/2013

Author: cristian

1.1 Variables

Name	Description
u	Value: <User 'admin'>
p	Value: <<Proyecto 'Proyecto inicial'>
f	Value: <Fase 'Fase 1'>
r	Value: <Rol u'Administrador Principal'>
users	Value: [<User u'admin'>]
__package__	Value: None
error	Value: IntegrityError('(IntegrityError) duplicate key value viol...

2 Module addPermisos

Sigma_System

Organization: CRF_Proyect

Author:

- Cristian Candia¹
- Ruth Centurion²
- Fernando Saucedo³

2.1 Variables

Name	Description
p1	Value: <Permiso 'Crear usuario'>
p2	Value: <Permiso 'Modificar usuario'>
p3	Value: <Permiso 'Eliminar Usuario'>
p4	Value: <Permiso 'Crear rol'>
p5	Value: <Permiso 'Modificar rol'>
p6	Value: <Permiso 'Eliminar rol'>
p7	Value: <Permiso 'Asignar rol'>
p8	Value: <Permiso 'Crear proyecto'>
p9	Value: <Permiso 'Configurar proyecto'>
p10	Value: <Permiso 'Modificar proyecto'>
p11	Value: <Permiso 'Eliminar proyecto'>
p12	Value: <Permiso 'Ver fase'>
p13	Value: <Permiso 'Crear Item'>
p14	Value: <Permiso 'Eliminar item'>
p15	Value: <Permiso 'Modificar Item'>
p16	Value: <Permiso 'Crear tipo de item'>
p17	Value: <Permiso 'Modificar tipo de item'>
p18	Value: <Permiso 'Eliminar tipo de item'>
p19	Value: <Permiso 'Crear linea base'>
p20	Value: <Permiso 'Liberar-cerrar linea base'>
p21	Value: <Permiso 'Eliminar linea base'>
p22	Value: <Permiso 'Aprobar-rechazar item'>
p23	Value: <Permiso 'Solicitar reportes'>
p24	Value: <Permiso 'Aprobar-rechazar solicitud de cambio'>
c_rol	Value: ControllerRol()
rol2	Value: <Rol u'Administrador Principal'>
permisos2	Value: [<Permiso u'Crear usuario'>, <Permiso u'Modificar usuario'>...]
__package__	Value: None
error	Value: IntegrityError('(IntegrityError) duplicate key value viol...)

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Name	Description
permiso	Value: <Permiso u'Aprobar-rechazar solicitud de cambio'>

3 Package app

Created on 14/04/2013

Author: cristian

3.1 Modules

- **controlador** (*Section 4, p. 7*)
 - **contArchivo:** Sigma_System (*Section 5, p. 8*)
 - **contComite:** Created on 02/05/2013 (*Section 6, p. 10*)
 - **contFase:** Created on 02/05/2013 (*Section 7, p. 11*)
 - **contItem** (*Section 8, p. 12*)
 - **contPermiso:** Created on 02/05/2013 (*Section 9, p. 15*)
 - **contProy:** Created on 02/05/2013 (*Section 10, p. 16*)
 - **contRol:** Created on 02/05/2013 (*Section 11, p. 17*)
 - **contUsr:** Created on 01/05/2013 (*Section 12, p. 19*)
- **db_downgrade:** Created on 19/04/2013 (*Section 13, p. 20*)
- **decorators** (*Section 14, p. 21*)
- **email** (*Section 15, p. 22*)
- **forms:** Sygma_System :organization:CRF_Proyect :author:Cristian Candia :author:Ruth Centurion :author:Fernando Saucedo (*Section 16, p. 23*)
- **modelo:** Sigma_System (*Section 17, p. 51*)
 - **archivo:** Sigma_System (*Section 18, p. 53*)
 - **atributo:** Sigma_System (*Section 19, p. 56*)
 - **comite** (*Section 20, p. 60*)
 - **fase** (*Section 21, p. 63*)
 - **historial:** Sigma_System (*Section 22, p. 66*)
 - **item:** Sigma_System (*Section 23, p. 70*)
 - **lineabase:** Sigma_System (*Section 24, p. 76*)
 - **permiso** (*Section 25, p. 80*)
 - **proyecto** (*Section 26, p. 83*)
 - **rol:** Sygma_System :organization:CRF_Proyect (*Section 27, p. 86*)
 - **solicitud** (*Section 28, p. 89*)

- **usuario** (Section 29, p. 92)
- **voto** (Section 30, p. 95)
- **models**: Sigma_System :organization:CRF_Proyect
(Section 31, p. 97)
- **static** (Section 32, p. 98)
- **test** (Section 33, p. 99)
 - **testVarios2**: Created on 05/05/2013
(Section 34, p. 100)
- **testVarios**: Created on 05/05/2013
(Section 35, p. 101)
- **views**: Created on 14/04/2013
(Section 36, p. 103)
- **vista** (Section 37, p. 105)
 - **vistaAtributoTI**: Sigma_System
(Section 38, p. 107)
 - **vistaFase**: Created on 03/05/2013
(Section 39, p. 109)
 - **vistaItem** (Section 40, p. 110)
 - **vistaPermiso**: Created on 03/05/2013
(Section 41, p. 111)
 - **vistaProyecto**: Created on 25/04/2013
(Section 42, p. 112)
 - **vistaRol**: Created on 03/05/2013
(Section 43, p. 113)
 - **vistaTI**: Sigma_System
(Section 44, p. 114)
 - **vistaUsuario**: Created on 26/04/2013
(Section 45, p. 115)

3.2 Variables

Name	Description
mail	Value: Mail()
app	Value: Flask(__name__)
lm	Value: LoginManager()
db	Value: <SQLAlchemy engine='postgresql+psycopg2://cristian:usuari...
__package__	Value: 'app'

4 Package app.controlador

4.1 Modules

- **contArchivo:** Sigma_System
(Section 5, p. 8)
- **contComite:** Created on 02/05/2013
(Section 6, p. 10)
- **contFase:** Created on 02/05/2013
(Section 7, p. 11)
- **contItem** (Section 8, p. 12)
- **contPermiso:** Created on 02/05/2013
(Section 9, p. 15)
- **contProy:** Created on 02/05/2013
(Section 10, p. 16)
- **contRol:** Created on 02/05/2013
(Section 11, p. 17)
- **contUsr:** Created on 01/05/2013
(Section 12, p. 19)

4.2 Variables

Name	Description
__package__	Value: 'app.controlador'
db	Value: <SQLAlchemy engine='postgresql+psycopg2://cristian:usuari...

5 Module app.controlador.contArchivo

Sigma_System

Organization: CRF_Proyect

Author:

- Cristian Candia⁴
- Ruth Centurion⁵
- Fernando Saucedo⁶

5.1 Variables

Name	Description
__package__	Value: 'app.controlador'

5.2 Class ControllerAtributo

5.3 Class ControllerAtributoTI

5.3.1 Methods

regAtributoTI(*self*, *atributoTI*)

Metodo que registra un nuevo Atibuto de un Tipo de item

Parameters

atributoTI: Recibe el nuevo Tipo de item

Return Value

Respuesta de confirmacion o de fallo

getAtributoTIId(*self*, *id_TI*)

Metodo para obtener una lista de todos los atributos del TI

Parameters

id_TI: Id del Tipo de Item que solicita sus atributos

Return Value

Lista de Atributos asociados al Id del parametro

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getAtributoTIIdA(*self*, *id_atr*)

Metodo que retorna un atributo de un TI

Parameters*id_atr*: Id del atributo.**Return Value**

Objeto atributo.

modAtributoTI(*self*, *atributoTI*)

Metodo para actualizar un atributo existente en un TI

Parameters*atributoTI*: Atributo actualizado**Return Value**

Confirmacion o Aborto de la transaccion.

delAtributoTI(*self*, *atributoTI*)

Metodo para eliminar un atributo de un tipo de item.

Parameters*atributoTI*: Atributo a eliminar.**Return Value**

Confirmacion o Aborto de la transaccion.

6 Module app.controlador.contComite

Created on 02/05/2013

Author: cristian

6.1 Variables

Name	Description
<code>__package__</code>	Value: 'app.controlador'
<code>db</code>	Value: <SQLAlchemy engine='postgresql+psycopg2://cristian:usuari...

6.2 Class ControllerComite

6.2.1 Methods

```
asignarComite(self, usr, id_com)
```

```
asignarComiteAListaDeUsr(self, lista_idu, idc)
```

```
getComite(self, id_comite)
```

```
getComiteXIdp(self, idp)
```

```
getComites(self)
```

```
hayComite(self, idp=None)
```

```
regComite(self, **kwargsProy)
```

```
usrSinComiteIdc(self, idc)
```

7 Module *app.controlador.contFase*

Created on 02/05/2013

Author: cristian

7.1 Variables

Name	Description
<code>__package__</code>	Value: <code>'app.controlador'</code>

7.2 Class *ControllerFase*

7.2.1 Methods

```
regFase(self, **kwargsProy)
```

```
getFase(self, idfase)
```

```
getNombre(self, idf)
```

```
traerFases(self)
```

```
modFase(self, faseAux)
```

```
eliminarFase(self, fase)
```

```
buscarPorNombreFaseProyecto(self, nombre, idp2)
```

8 Module *app.controlador.contItem*

Note: Clase que define el controlador de Item

Author:

- Cristian Candia⁷
- Ruth Centurion⁸
- Fernando Saucedo⁹

8.1 Variables

Name	Description
<code>__package__</code>	Value: <code>'app.controlador'</code>

8.2 Class *ControllerItem*

8.2.1 Methods

regItem(*self*, ***kwargsItem*)

Metodo que registra un nuevo item

Parameters

kwargsItem: Recibe todos los datos para crear un nuevo item

Return Value

Respuesta de confirmacion o de fallo

getItemFase(*self*, *id*)

getItemAll(*self*)

codigoItem(*id_Proyecto*, *id_Fase*, *numeroItem*)

8.3 Class *ControllerTI*

Controlador de Tipo de Item

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⁸<mailto:ruthiccr@gmail.com>

⁹<mailto:carlifer.fernando@gmail.com>

8.3.1 Methods

getTIFase(*self*, *id*)

Metodo que devuelve el objeto(s) TI correspondiente a una fase

Parameters

id: Id de la fase del(los) objeto(s) TI solicitado

Return Value

objeto(s) TI de dicha fase

getTIAll(*self*)

Metodo que devuelve la lista de todos los TI existentes

Return Value

objeto/s TI de dicha fase

getTIId(*self*, *id*)

Metodo que retorna el objeto TI por su identificador.

Parameters

id: Id del TI el cual necesita.

Return Value

Objeto TI solicitado.

codigoTI(*id_Proyecto*, *id_Fase*, *numeroItem*)**regTI(*self*, *TI*)**

Metodo que registra un nuevo Tipo de item

Parameters

TI: Recibe el nuevo Tipo de item

Return Value

Respuesta de confirmacion o de fallo

delTI(*self*, *TI*)

Metodo que elimina el tipo de item

Parameters

TI: Tipo de Itema a eliminar

Return Value

Confirmacion o Aborto de la transaccion

modTI(*self*, *TI*)

Metodo que modifica el TI

Parameters

TI: Objeto de TipoItem a ser modificado

Return Value

Confirmacion o aborto de la transaccion

9 Module *app.controlador.contPermiso*

Created on 02/05/2013

Author: cristian

9.1 Variables

Name	Description
<code>__package__</code>	Value: <code>'app.controlador'</code>

9.2 Class *ControllerPermiso*

9.2.1 Methods

<code>getPermiso(<i>self</i>, <i>id_permiso</i>)</code>

<code>getPermisos(<i>self</i>)</code>

<code>regPermiso(<i>self</i>, <i>**kwargsProy</i>)</code>

10 Module app.controlador.contProy

Created on 02/05/2013

Author: cristian

10.1 Variables

Name	Description
<code>__package__</code>	Value: <code>'app.controlador'</code>

10.2 Class ControllerProy

10.2.1 Methods

```
regProyecto(self, **kwargsProy)
```

```
getFases(self, idp)
```

```
getNombre(self, idp)
```

```
getProy(self, idp)
```

```
getProyNombre(self, nombre)
```

```
traerProyectos(self)
```

```
modProyecto(self, proyAux)
```

```
eliminarProyecto(self, proyecto)
```

```
buscarPorNombreProyecto(self, nombre)
```

11 Module app.controlador.contRol

Created on 02/05/2013

Author: cristian

11.1 Variables

Name	Description
__package__	Value: 'app.controlador'

11.2 Class ControllerRol

11.2.1 Methods

```
regRol(self, **kwargsProy)
```

```
traerRoles(self)
```

```
getRolIdf(self, idf)
```

```
getIdfaseDeRol(self, idr)
```

```
cargarPermisos(self)
```

```
getPermisos_X_Rol(self, idr)
```

```
getlistaPermisos(self)
```

```
getRol(self, idr)
```

```
eliminarRol(self, rol)
```

```
asignarDesasignarPer(self, id_rol, permisos)
```

```
asignarPermisos(self, id_rol, id_permiso)
```

```
usrSinRolIdr(self, idr)
```

```
desasignarPermisos(self, id_rol, id_permiso)
```

```
modRol(self, rolAux)
```


buscarPorNombreRol (<i>self</i> , <i>nombre</i>)

12 Module app.controlador.contUsr

Created on 01/05/2013

Author: cristian

12.1 Variables

Name	Description
<code>__package__</code>	Value: <code>'app.controlador'</code>

12.2 Class ControllerUsr

12.2.1 Methods

```
regUsuario(self, **kwargsUsr)
```

```
getUsr(self, id)
```

```
getUsrName(self, name)
```

```
getUsrFull(self)
```

```
getRoles(self, idu)
```

```
asignarRolAListaDeUsr(self, usr, idr)
```

```
asignarRoles(self, id_usr, id_rol)
```

```
modUsuario(self, usuario)
```

```
eliminarUsr(self, usuario)
```

```
getPermisos(self, usr)
```

```
buscarPorNombreUsuario(self, nombre)
```

13 Module `app.db__downgrade`

Created on 19/04/2013

Author: cristian

13.1 Variables

Name	Description
v	Value: <code>api.db_version(SQLALCHEMY_DATABASE_URI, SQLALCHEMY_MIGRAT...</code>

14 Module `app.decorators`

14.1 Functions

<code>async(f)</code>

14.2 Variables

Name	Description
<code>__package__</code>	Value: <code>'app'</code>

15 Module `app.email`

15.1 Functions

<code>send_email(subject, sender, recipients, text_body, html_body)</code>
--

15.2 Variables

Name	Description
<code>__package__</code>	Value: <code>'app'</code>

16 Module app.forms

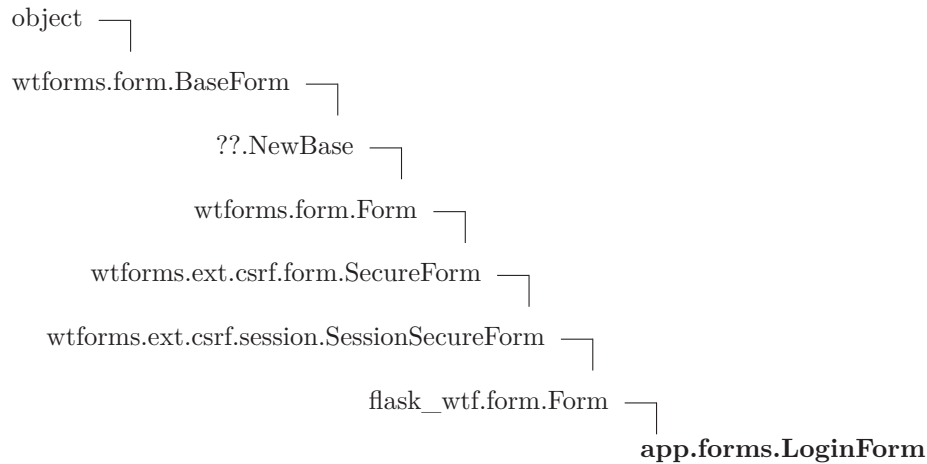
Sigma_System :organization:CRF_Proyect :author:Cristian Candia :author:Ruth Centurion :author:Fernando Saucedo

forms.py

16.1 Variables

Name	Description
__package__	Value: 'app'

16.2 Class LoginForm



16.2.1 Methods

Inherited from flask_wtf.form.Form

`__init__()`, `generate_csrf_token()`, `hidden_tag()`, `is_submitted()`, `validate_csrf_token()`, `validate_on_submit()`

Inherited from wtforms.form.Form

`__delattr__()`, `__delitem__()`, `__iter__()`, `__setitem__()`, `validate()`

Inherited from wtforms.form.BaseForm

`__contains__()`, `__getitem__()`, `populate_obj()`, `process()`

Inherited from object

```

__format__(), __getattr__(), __hash__(), __new__(), __reduce__(),
__reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __sub-
classhook__()

```

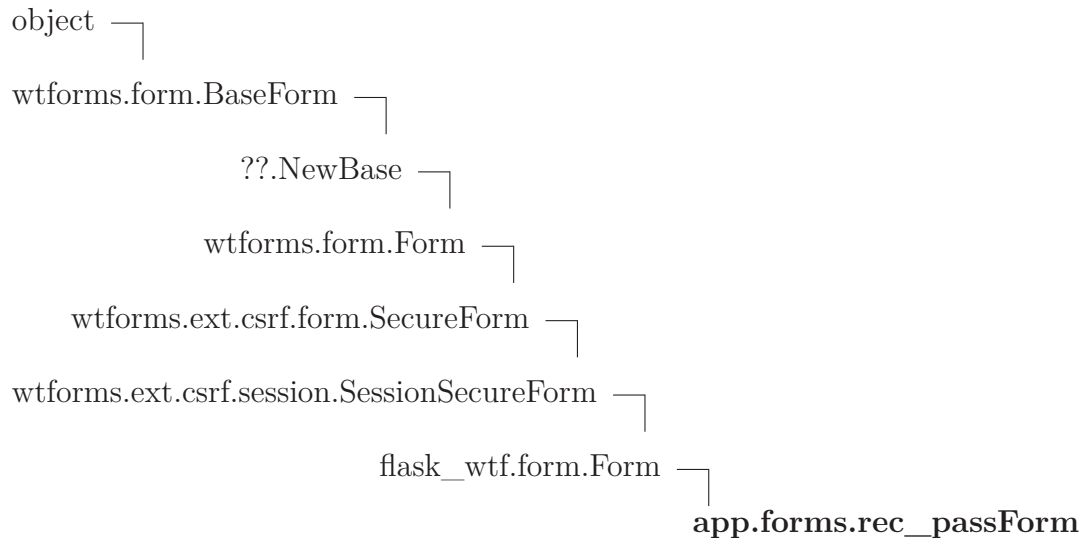
16.2.2 Properties

Name	Description
<i>Inherited from wtforms.ext.csrf.form.SecureForm</i>	
data	
<i>Inherited from wtforms.form.BaseForm</i>	
errors	
<i>Inherited from object</i>	
__class__	

16.2.3 Class Variables

Name	Description
nomUsr	Value: <UnboundField(TextField, ('openid',), {'validators': [<wt...
passWord	Value: <UnboundField(PasswordField, ('password',), {'validators'...
<i>Inherited from wtforms.ext.csrf.session.SessionSecureForm</i>	
SECRET_KEY, TIME_FORMAT, TIME_LIMIT	
<i>Inherited from wtforms.ext.csrf.form.SecureForm</i>	
csrf_token	

16.3 Class `rec_passForm`



16.3.1 Methods

Inherited from `flask_wtf.form.Form`

`__init__()`, `generate_csrf_token()`, `hidden_tag()`, `is_submitted()`, `validate_csrf_token()`, `validate_on_submit()`

Inherited from `wtforms.form.Form`

`__delattr__()`, `__delitem__()`, `__iter__()`, `__setitem__()`, `validate()`

Inherited from `wtforms.form.BaseForm`

`__contains__()`, `__getitem__()`, `populate_obj()`, `process()`

Inherited from `object`

`__format__()`, `__getattr__()`, `__hash__()`, `__new__()`, `__reduce__()`, `__reduce_ex__()`, `__repr__()`, `__setattr__()`, `__sizeof__()`, `__str__()`, `__subclasshook__()`

16.3.2 Properties

Name	Description
<i>Inherited from <code>wtforms.ext.csrf.form.SecureForm</code></i>	
<code>data</code>	
<i>Inherited from <code>wtforms.form.BaseForm</code></i>	

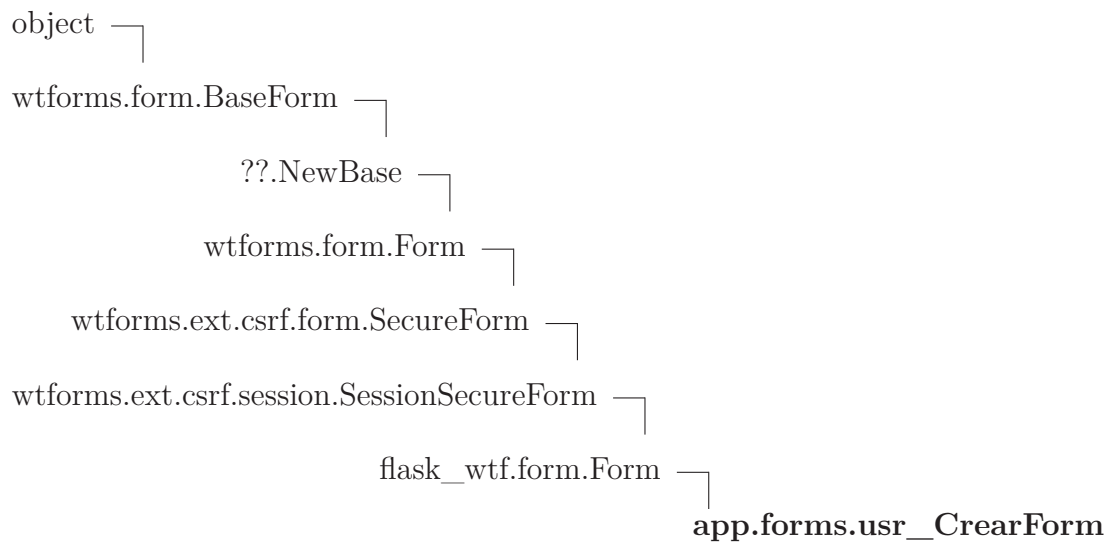
continued on next page

Name	Description
errors	
<i>Inherited from object</i>	
<code>__class__</code>	

16.3.3 Class Variables

Name	Description
nomUsr	Value: <UnboundField(TextField, ('name',)), {'validators': [<wtfo...
<i>Inherited from wtforms.ext.csrf.session.SessionSecureForm</i>	
SECRET_KEY, TIME_FORMAT, TIME_LIMIT	
<i>Inherited from wtforms.ext.csrf.form.SecureForm</i>	
csrf_token	

16.4 Class `usr_CrearForm`



16.4.1 Methods

Inherited from flask_wtf.form.Form

`__init__()`, `generate_csrf_token()`, `hidden_tag()`, `is_submitted()`, `validate_csrf_token()`, `validate_on_submit()`

Inherited from wtforms.form.Form

`__delattr__()`, `__delitem__()`, `__iter__()`, `__setitem__()`, `validate()`

Inherited from `wtforms.form.BaseForm`

`__contains__()`, `__getitem__()`, `populate_obj()`, `process()`

Inherited from object

`__format__()`, `__getattr__()`, `__hash__()`, `__new__()`, `__reduce__()`,
`__reduce_ex__()`, `__repr__()`, `__setattr__()`, `__sizeof__()`, `__str__()`, `__subclasshook__()`

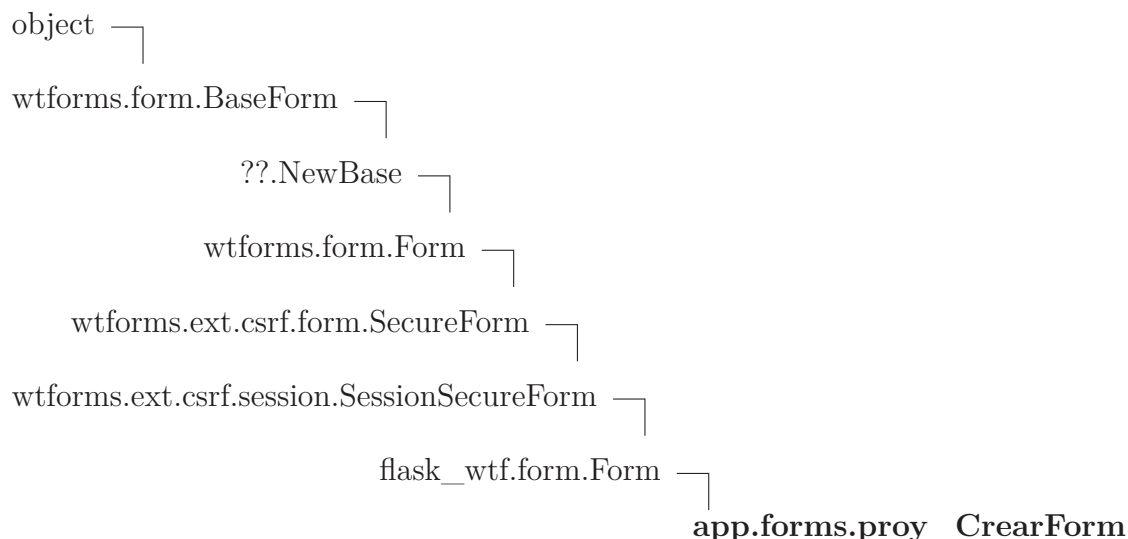
16.4.2 Properties

Name	Description
<i>Inherited from <code>wtforms.ext.csrf.form.SecureForm</code></i> data	
<i>Inherited from <code>wtforms.form.BaseForm</code></i> errors	
<i>Inherited from object</i> __class__	

16.4.3 Class Variables

Name	Description
nomUsr	Value: <UnboundField(TextField, ('nick',), {'validators': [<wtfo...
passWord	Value: <UnboundField(PasswordField, ('password',), {'validators'...
nombre	Value: <UnboundField(TextField, ('nombre',), {'validators': [<wt...
apellido	Value: <UnboundField(TextField, ('apellido',), {'validators': [<...
telefono	Value: <UnboundField(TextField, ('telefono',), {'validators': [<...
ci	Value: <UnboundField(TextField, ('ci',), {'validators': [<wtform...
e_mail	Value: <UnboundField(TextField, ('e_mail',), {'validators': [<wt...
<i>Inherited from <code>wtforms.ext.csrf.session.SessionSecureForm</code></i> SECRET_KEY, TIME_FORMAT, TIME_LIMIT	
<i>Inherited from <code>wtforms.ext.csrf.form.SecureForm</code></i> csrf_token	

16.5 Class `proy_CrearForm`



16.5.1 Methods

Inherited from `flask_wtf.form.Form`

`__init__()`, `generate_csrf_token()`, `hidden_tag()`, `is_submitted()`, `validate_csrf_token()`, `validate_on_submit()`

Inherited from `wtforms.form.Form`

`__delattr__()`, `__delitem__()`, `__iter__()`, `__setitem__()`, `validate()`

Inherited from `wtforms.form.BaseForm`

`__contains__()`, `__getitem__()`, `populate_obj()`, `process()`

Inherited from `object`

`__format__()`, `__getattr__()`, `__hash__()`, `__new__()`, `__reduce__()`, `__reduce_ex__()`, `__repr__()`, `__setattr__()`, `__sizeof__()`, `__str__()`, `__subclasshook__()`

16.5.2 Properties

Name	Description
<i>Inherited from <code>wtforms.ext.csrf.form.SecureForm</code></i>	
<code>data</code>	
<i>Inherited from <code>wtforms.form.BaseForm</code></i>	

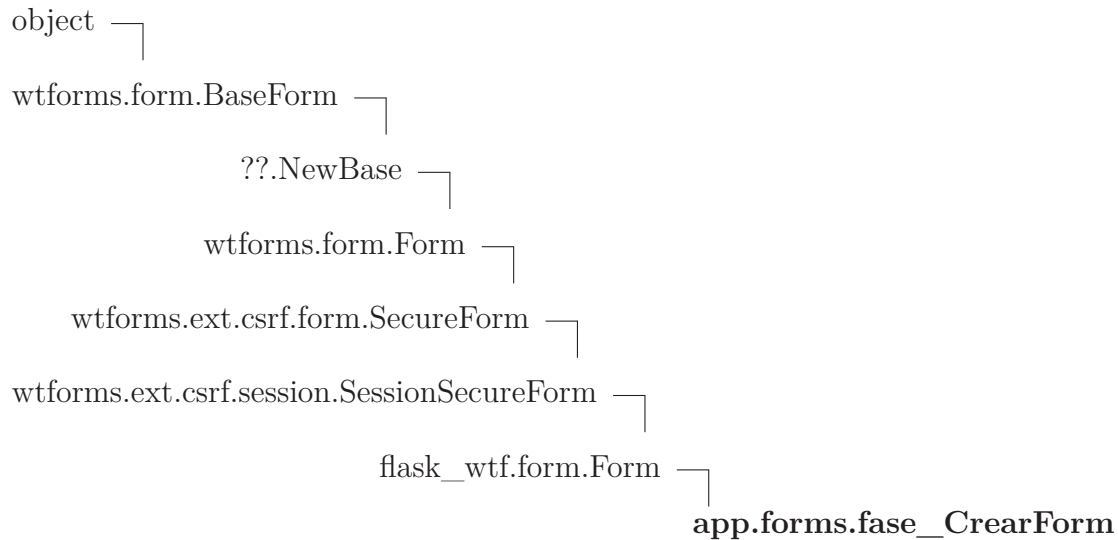
continued on next page

Name	Description
errors	
<i>Inherited from object</i>	
__class__	

16.5.3 Class Variables

Name	Description
idProy	Value: <UnboundField(IntegerField, ('idProy',), {})>
nomProy	Value: <UnboundField(TextField, ('nombre',), {'validators': [<wt...>
descripcion	Value: <UnboundField(TextField, ('desc',), {})>
fecha_de_creacion	Value: <UnboundField(DateField, ('fecha',), {})>
complejidad	Value: <UnboundField(IntegerField, ('complejidad',), {})>
estado	Value: <UnboundField(TextField, ('estado',), {})>
<i>Inherited from wtforms.ext.csrf.session.SessionSecureForm</i>	
SECRET_KEY, TIME_FORMAT, TIME_LIMIT	
<i>Inherited from wtforms.ext.csrf.form.SecureForm</i>	
csrf_token	

16.6 Class `fase_CrearForm`



16.6.1 Methods

Inherited from `flask_wtf.form.Form`

`__init__()`, `generate_csrf_token()`, `hidden_tag()`, `is_submitted()`, `validate_csrf_token()`, `validate_on_submit()`

Inherited from `wtforms.form.Form`

`__delattr__()`, `__delitem__()`, `__iter__()`, `__setitem__()`, `validate()`

Inherited from `wtforms.form.BaseForm`

`__contains__()`, `__getitem__()`, `populate_obj()`, `process()`

Inherited from `object`

`__format__()`, `__getattr__()`, `__hash__()`, `__new__()`, `__reduce__()`, `__reduce_ex__()`, `__repr__()`, `__setattr__()`, `__sizeof__()`, `__str__()`, `__subclasshook__()`

16.6.2 Properties

Name	Description
<i>Inherited from <code>wtforms.ext.csrf.form.SecureForm</code></i>	
<code>data</code>	
<i>Inherited from <code>wtforms.form.BaseForm</code></i>	

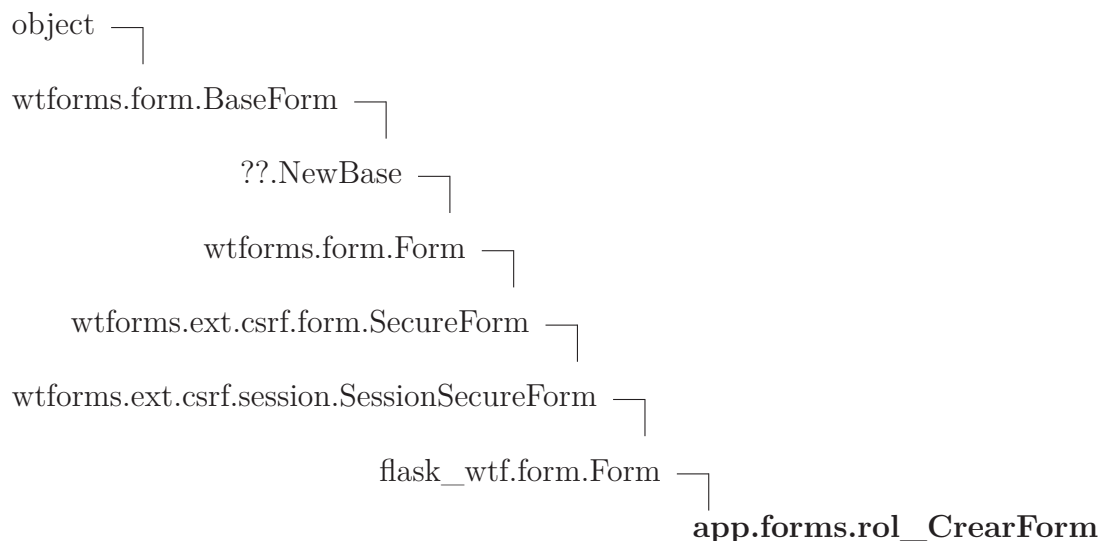
continued on next page

Name	Description
errors	
<i>Inherited from object</i>	
__class__	

16.6.3 Class Variables

Name	Description
idFase	Value: <UnboundField(IntegerField, ('idFase',), {})>
nomFase	Value: <UnboundField(TextField, ('nomFase',), {'validators': [<w...
posicion	Value: <UnboundField(IntegerField, ('posicion',), {'validators':...)
descripcion	Value: <UnboundField(TextField, ('descripcion',), {})>
cantidadItems	Value: <UnboundField(IntegerField, ('cantidadItems',), {})>
cantidadLB	Value: <UnboundField(IntegerField, ('cantidadLB',), {})>
estado	Value: <UnboundField(TextField, ('estado',), {})>
idProy	Value: <UnboundField(IntegerField, ('idProy',), {})>
<i>Inherited from wtforms.ext.csrf.session.SessionSecureForm</i>	
SECRET_KEY, TIME_FORMAT, TIME_LIMIT	
<i>Inherited from wtforms.ext.csrf.form.SecureForm</i>	
csrf_token	

16.7 Class `rol_CrearForm`



16.7.1 Methods

Inherited from `flask_wtf.form.Form`

`__init__()`, `generate_csrf_token()`, `hidden_tag()`, `is_submitted()`, `validate_csrf_token()`, `validate_on_submit()`

Inherited from `wtforms.form.Form`

`__delattr__()`, `__delitem__()`, `__iter__()`, `__setitem__()`, `validate()`

Inherited from `wtforms.form.BaseForm`

`__contains__()`, `__getitem__()`, `populate_obj()`, `process()`

Inherited from `object`

`__format__()`, `__getattr__()`, `__hash__()`, `__new__()`, `__reduce__()`, `__reduce_ex__()`, `__repr__()`, `__setattr__()`, `__sizeof__()`, `__str__()`, `__subclasshook__()`

16.7.2 Properties

Name	Description
<i>Inherited from <code>wtforms.ext.csrf.form.SecureForm</code></i>	
<code>data</code>	
<i>Inherited from <code>wtforms.form.BaseForm</code></i>	

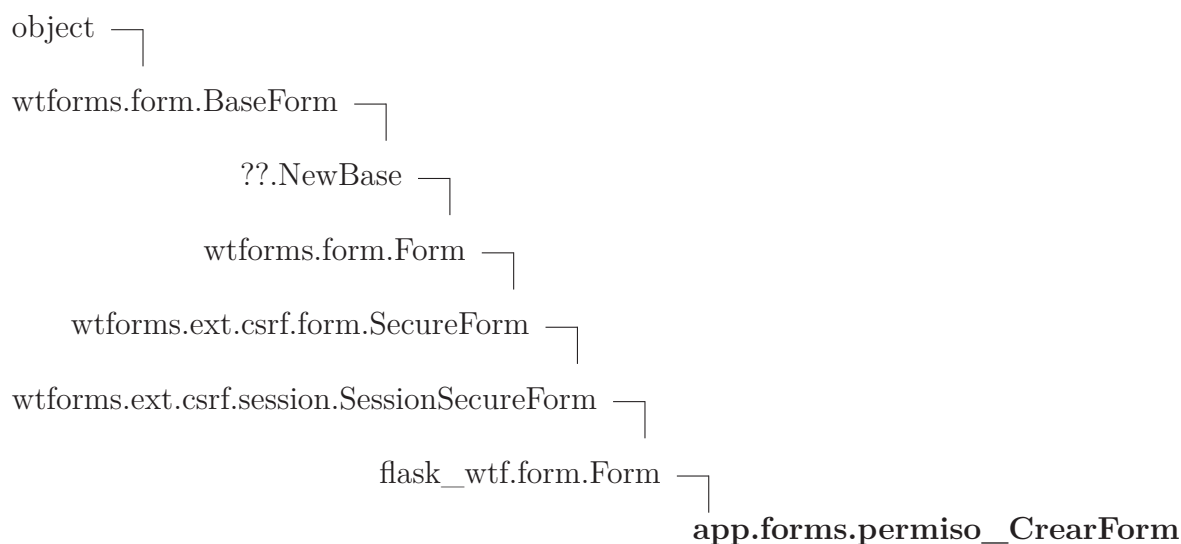
continued on next page

Name	Description
errors	
<i>Inherited from object</i>	
__class__	

16.7.3 Class Variables

Name	Description
idRol	Value: <UnboundField(IntegerField, ('idRol',), {})>
nomRol	Value: <UnboundField(TextField, ('nombre',), {'validators': [<wt...>
descripcion	Value: <UnboundField(TextField, ('descripcion',), {})>
idUsr	Value: <UnboundField(IntegerField, ('idUsr',), {})>
<i>Inherited from wtforms.ext.csrf.session.SessionSecureForm</i>	
SECRET_KEY, TIME_FORMAT, TIME_LIMIT	
<i>Inherited from wtforms.ext.csrf.form.SecureForm</i>	
csrf_token	

16.8 Class `permiso_CrearForm`



16.8.1 Methods

Inherited from flask_wtf.form.Form

`__init__()`, `generate_csrf_token()`, `hidden_tag()`, `is_submitted()`, `validate_csrf_token()`, `validate_on_submit()`

Inherited from wtforms.form.Form

`__delattr__()`, `__delitem__()`, `__iter__()`, `__setitem__()`, `validate()`

Inherited from wtforms.form.BaseForm

`__contains__()`, `__getitem__()`, `populate_obj()`, `process()`

Inherited from object

`__format__()`, `__getattr__()`, `__hash__()`, `__new__()`, `__reduce__()`, `__reduce_ex__()`, `__repr__()`, `__setattr__()`, `__sizeof__()`, `__str__()`, `__subclasshook__()`

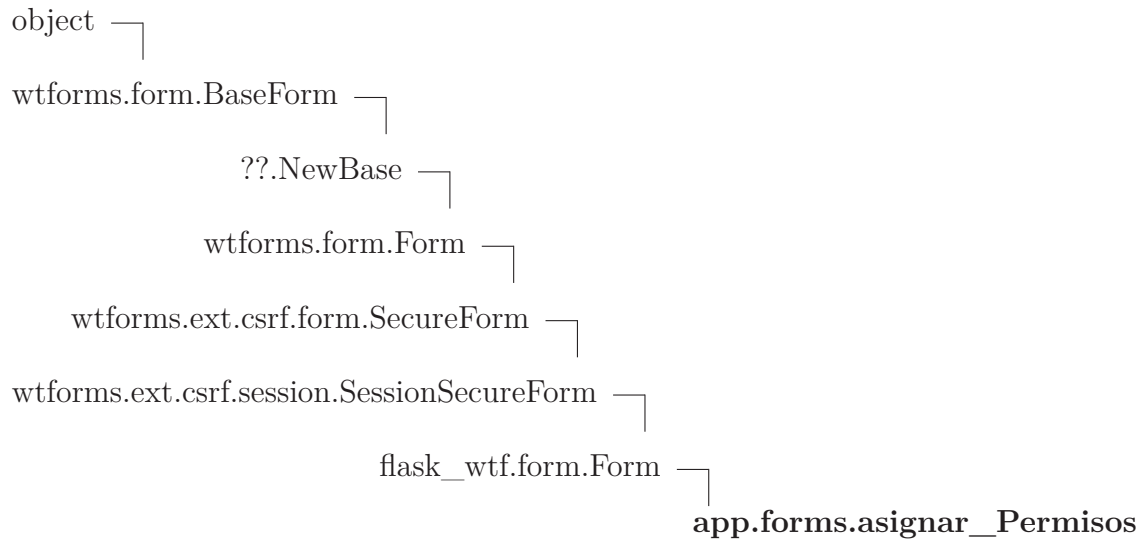
16.8.2 Properties

Name	Description
<i>Inherited from wtforms.ext.csrf.form.SecureForm</i> <code>data</code>	
<i>Inherited from wtforms.form.BaseForm</i> <code>errors</code>	
<i>Inherited from object</i> <code>__class__</code>	

16.8.3 Class Variables

Name	Description
<code>nombre</code>	Value: <code><UnboundField(TextField, ('nombre',), {'validators': [<wt...</code>
<code>codigo</code>	Value: <code><UnboundField(TextField, ('codigo',), {'validators': [<wt...</code>
<i>Inherited from wtforms.ext.csrf.session.SessionSecureForm</i> <code>SECRET_KEY</code> , <code>TIME_FORMAT</code> , <code>TIME_LIMIT</code>	
<i>Inherited from wtforms.ext.csrf.form.SecureForm</i> <code>csrf_token</code>	

16.9 Class `asignar__Permisos`



16.9.1 Methods

Inherited from `flask_wtf.form.Form`

`__init__()`, `generate_csrf_token()`, `hidden_tag()`, `is_submitted()`, `validate_csrf_token()`, `validate_on_submit()`

Inherited from `wtforms.form.Form`

`__delattr__()`, `__delitem__()`, `__iter__()`, `__setitem__()`, `validate()`

Inherited from `wtforms.form.BaseForm`

`__contains__()`, `__getitem__()`, `populate_obj()`, `process()`

Inherited from `object`

`__format__()`, `__getattr__()`, `__hash__()`, `__new__()`, `__reduce__()`, `__reduce_ex__()`, `__repr__()`, `__setattr__()`, `__sizeof__()`, `__str__()`, `__subclasshook__()`

16.9.2 Properties

Name	Description
<i>Inherited from <code>wtforms.ext.csrf.form.SecureForm</code></i>	<code>data</code>
<i>Inherited from <code>wtforms.form.BaseForm</code></i>	

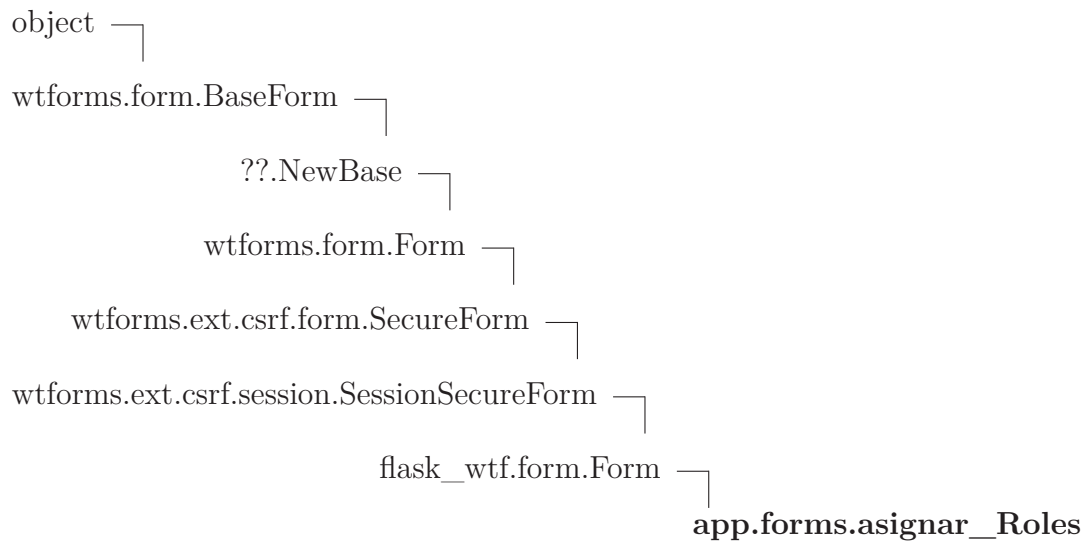
continued on next page

Name	Description
errors	
<i>Inherited from object</i>	
__class__	

16.9.3 Class Variables

Name	Description
id_rol	Value: <UnboundField(IntegerField, ('id_rol',), {})>
id_permiso	Value: <UnboundField(IntegerField, ('id_permiso',), {})>
<i>Inherited from wtforms.ext.csrf.session.SessionSecureForm</i>	
SECRET_KEY, TIME_FORMAT, TIME_LIMIT	
<i>Inherited from wtforms.ext.csrf.form.SecureForm</i>	
csrf_token	

16.10 Class asignar_Roles



16.10.1 Methods

Inherited from flask_wtf.form.Form

`__init__()`, `generate_csrf_token()`, `hidden_tag()`, `is_submitted()`, `validate_csrf_token()`, `validate_on_submit()`

Inherited from wtforms.form.Form

`__delattr__()`, `__delitem__()`, `__iter__()`, `__setitem__()`, `validate()`

Inherited from wtforms.form.BaseForm

`__contains__()`, `__getitem__()`, `populate_obj()`, `process()`

Inherited from object

`__format__()`, `__getattr__()`, `__hash__()`, `__new__()`, `__reduce__()`,
`__reduce_ex__()`, `__repr__()`, `__setattr__()`, `__sizeof__()`, `__str__()`, `__subclasshook__()`

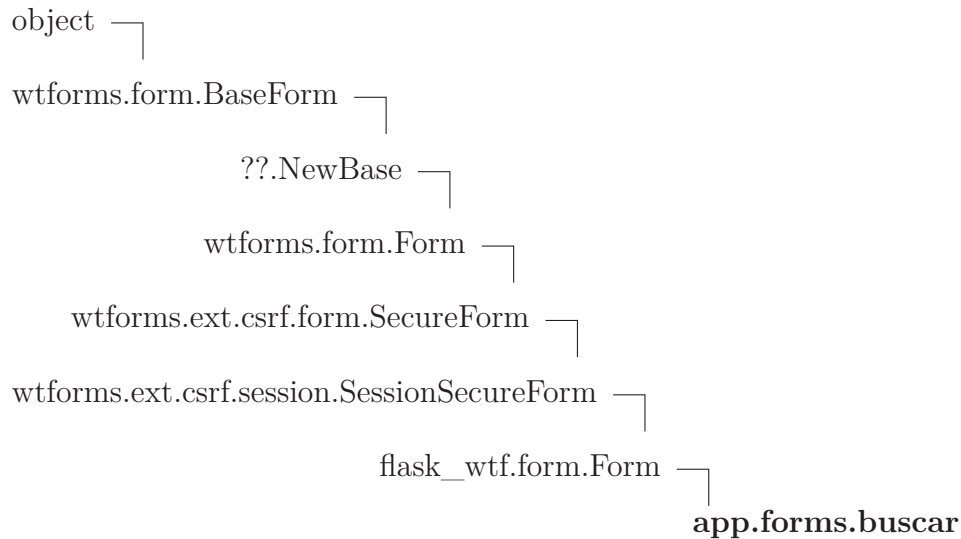
16.10.2 Properties

Name	Description
<i>Inherited from wtforms.ext.csrf.form.SecureForm</i> data	
<i>Inherited from wtforms.form.BaseForm</i> errors	
<i>Inherited from object</i> __class__	

16.10.3 Class Variables

Name	Description
id_usr	Value: <UnboundField(IntegerField, ('id_usr',), {})>
id_rol	Value: <UnboundField(IntegerField, ('id_rol',), {})>
<i>Inherited from wtforms.ext.csrf.session.SessionSecureForm</i> SECRET_KEY, TIME_FORMAT, TIME_LIMIT	
<i>Inherited from wtforms.ext.csrf.form.SecureForm</i> csrf_token	

16.11 Class *buscar*



16.11.1 Methods

Inherited from flask_wtf.form.Form

`__init__()`, `generate_csrf_token()`, `hidden_tag()`, `is_submitted()`, `validate_csrf_token()`, `validate_on_submit()`

Inherited from wtforms.form.Form

`__delattr__()`, `__delitem__()`, `__iter__()`, `__setitem__()`, `validate()`

Inherited from wtforms.form.BaseForm

`__contains__()`, `__getitem__()`, `populate_obj()`, `process()`

Inherited from object

`__format__()`, `__getattr__()`, `__hash__()`, `__new__()`, `__reduce__()`, `__reduce_ex__()`, `__repr__()`, `__setattr__()`, `__sizeof__()`, `__str__()`, `__subclasshook__()`

16.11.2 Properties

Name	Description
<i>Inherited from wtforms.ext.csrf.form.SecureForm</i>	
<code>data</code>	
<i>Inherited from wtforms.form.BaseForm</i>	

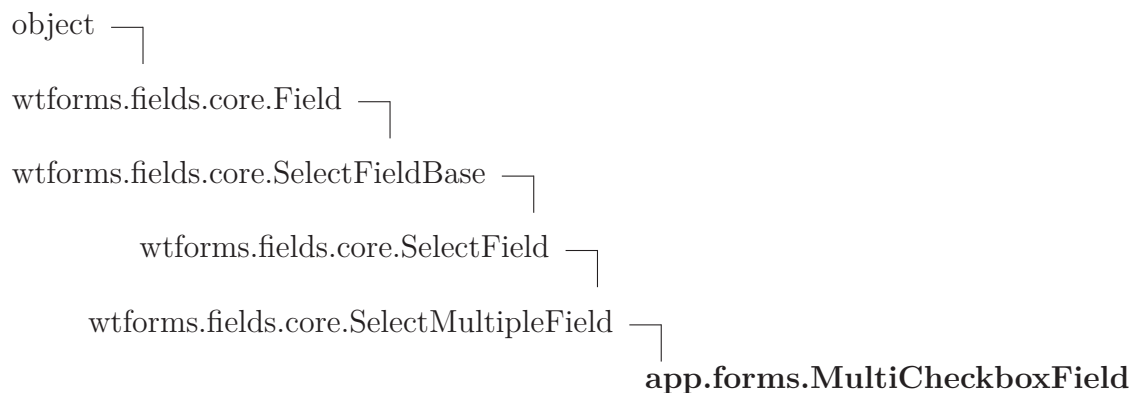
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Name	Description
errors	
<i>Inherited from object</i>	
__class__	

16.11.3 Class Variables

Name	Description
nombreBuscado	Value: <UnboundField(TextField, ('nombre-buscado',), {})>
<i>Inherited from wtforms.ext.csrf.session.SessionSecureForm</i>	
SECRET_KEY, TIME_FORMAT, TIME_LIMIT	
<i>Inherited from wtforms.ext.csrf.form.SecureForm</i>	
csrf_token	

16.12 Class MultiCheckboxField



16.12.1 Methods

Inherited from wtforms.fields.core.SelectMultipleField

iter_choices(), pre_validate(), process_data(), process_formdata()

Inherited from wtforms.fields.core.SelectField

__init__()

Inherited from wtforms.fields.core.SelectFieldBase

__iter__()

Inherited from wtforms.fields.core.Field

`__call__()`, `__html__()`, `__new__()`, `__str__()`, `__unicode__()`, `gettext()`, `ngettext()`, `populate_obj()`, `post_validate()`, `process()`, `validate()`

Inherited from object

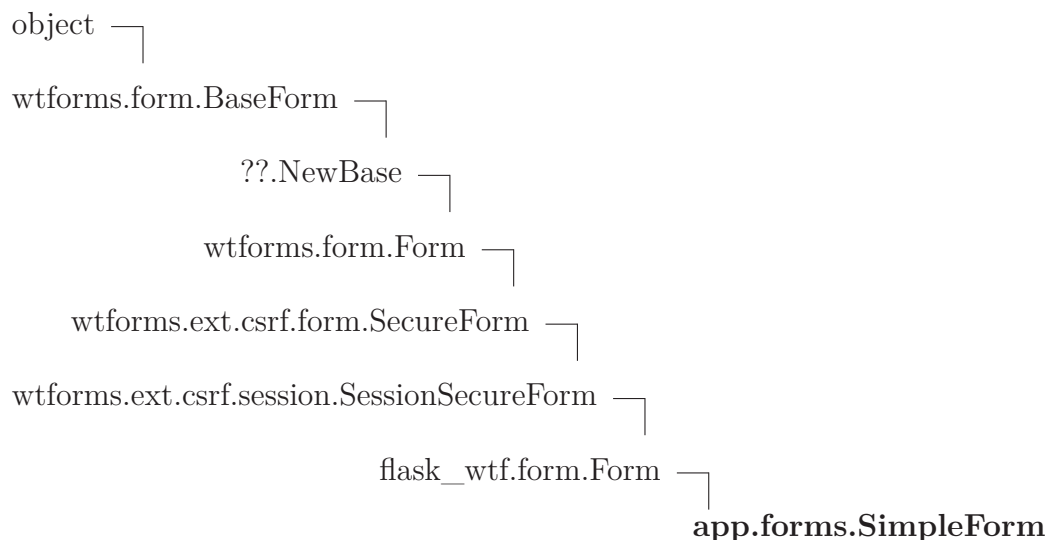
`__delattr__()`, `__format__()`, `__getattr__()`, `__hash__()`, `__reduce__()`, `__reduce_ex__()`, `__repr__()`, `__setattr__()`, `__sizeof__()`, `__subclasshook__()`

16.12.2 Properties

Name	Description
<i>Inherited from object</i>	
<code>__class__</code>	

16.12.3 Class Variables

Name	Description
<code>widget</code>	Value: <code>widgets.ListWidget(prefix_label=False)</code>
<code>option_widget</code>	Value: <code>widgets.CheckboxInput()</code>
<i>Inherited from wtforms.fields.core.Field</i>	
<code>do_not_call_in_templates</code> , <code>errors</code> , <code>process_errors</code> , <code>raw_data</code> , <code>validators</code>	

16.13 Class SimpleForm

16.13.1 Methods***Inherited from flask_wtf.form.Form***

`__init__()`, `generate_csrf_token()`, `hidden_tag()`, `is_submitted()`, `validate_csrf_token()`, `validate_on_submit()`

Inherited from wtforms.form.Form

`__delattr__()`, `__delitem__()`, `__iter__()`, `__setitem__()`, `validate()`

Inherited from wtforms.form.BaseForm

`__contains__()`, `__getitem__()`, `populate_obj()`, `process()`

Inherited from object

`__format__()`, `__getattr__()`, `__hash__()`, `__new__()`, `__reduce__()`, `__reduce_ex__()`, `__repr__()`, `__setattr__()`, `__sizeof__()`, `__str__()`, `__subclasshook__()`

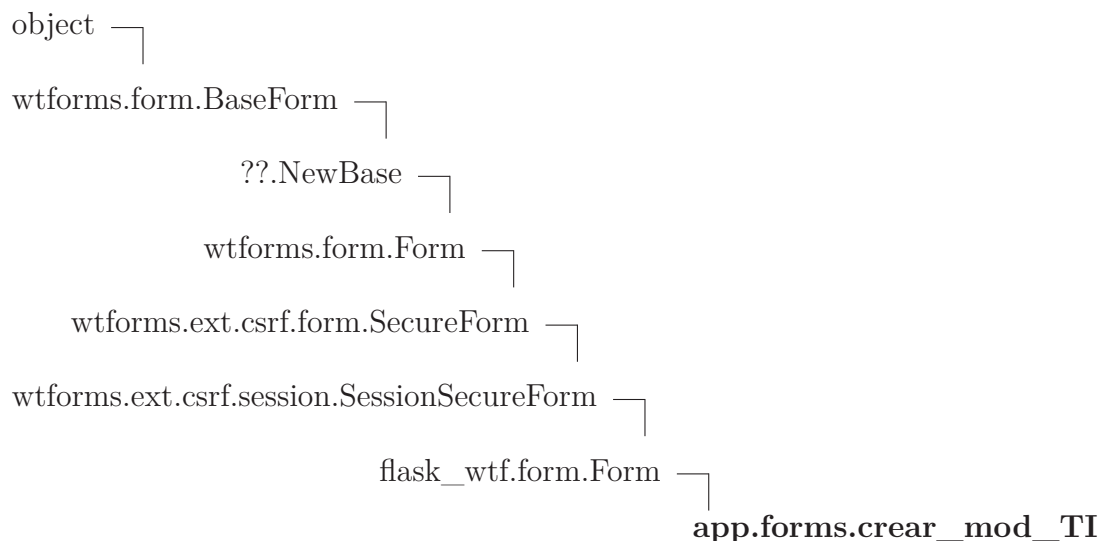
16.13.2 Properties

Name	Description
<i>Inherited from wtforms.ext.csrf.form.SecureForm</i> data	
<i>Inherited from wtforms.form.BaseForm</i> errors	
<i>Inherited from object</i> __class__	

16.13.3 Class Variables

Name	Description
string_of_files	Value: ['one\r\ntwo\r\nthree\r\n']
list_of_files	Value: ['one', 'two', 'three']
files	Value: [('one', 'one'), ('two', 'two'), ('three', 'three')]
example	Value: <UnboundField(MultiCheckboxField, ('Label',), {'choices':...)
x	Value: 'three'
<i>Inherited from wtforms.ext.csrf.session.SessionSecureForm</i> SECRET_KEY, TIME_FORMAT, TIME_LIMIT	
<i>Inherited from wtforms.ext.csrf.form.SecureForm</i> csrf_token	

16.14 Class `crear__mod__TI`



16.14.1 Methods

Inherited from `flask_wtf.form.Form`

`__init__()`, `generate_csrf_token()`, `hidden_tag()`, `is_submitted()`, `validate_csrf_token()`, `validate_on_submit()`

Inherited from `wtforms.form.Form`

`__delattr__()`, `__delitem__()`, `__iter__()`, `__setitem__()`, `validate()`

Inherited from `wtforms.form.BaseForm`

`__contains__()`, `__getitem__()`, `populate_obj()`, `process()`

Inherited from `object`

`__format__()`, `__getattr__()`, `__hash__()`, `__new__()`, `__reduce__()`, `__reduce_ex__()`, `__repr__()`, `__setattr__()`, `__sizeof__()`, `__str__()`, `__subclasshook__()`

16.14.2 Properties

Name	Description
<i>Inherited from <code>wtforms.ext.csrf.form.SecureForm</code></i>	
<code>data</code>	
<i>Inherited from <code>wtforms.form.BaseForm</code></i>	

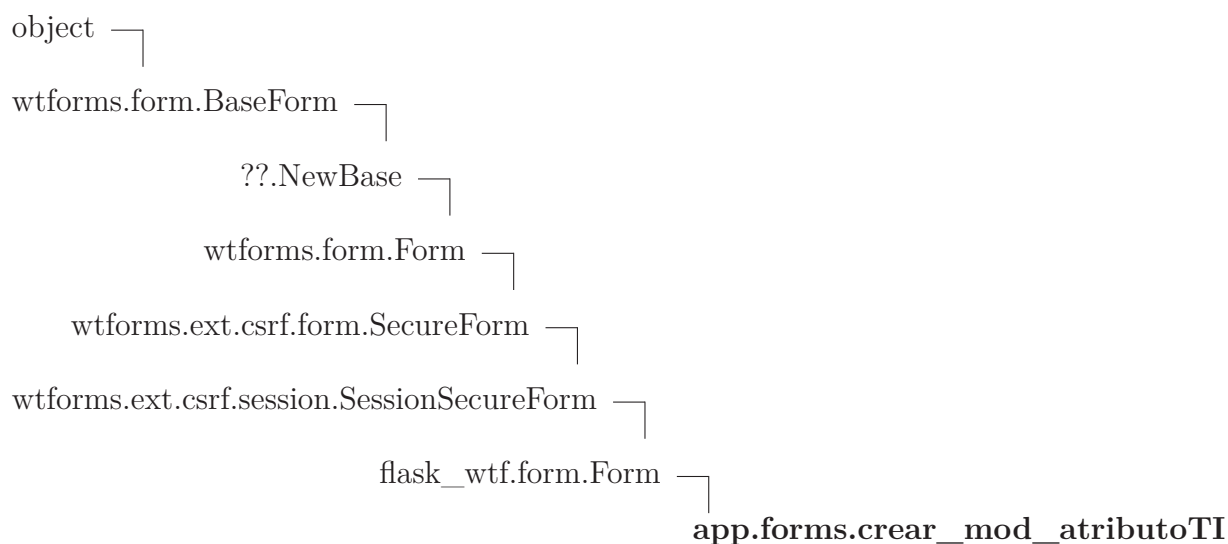
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Name	Description
errors	
<i>Inherited from object</i>	
__class__	

16.14.3 Class Variables

Name	Description
id_TI	Value: <UnboundField(IntegerField, ('id_TI',), {})>
codigo	Value: <UnboundField(TextField, ('codigo',), {})>
nombre_TI	Value: <UnboundField(TextField, ('nombre_TI',), {'validators': [...
descripcion	Value: <UnboundField(TextField, ('descripcion',), {})>
<i>Inherited from wtforms.ext.csrf.session.SessionSecureForm</i>	
SECRET_KEY, TIME_FORMAT, TIME_LIMIT	
<i>Inherited from wtforms.ext.csrf.form.SecureForm</i>	
csrf_token	

16.15 Class crear_mod_atributoTI



16.15.1 Methods

Inherited from flask_wtf.form.Form

`__init__()`, `generate_csrf_token()`, `hidden_tag()`, `is_submitted()`, `validate_csrf_token()`, `validate_on_submit()`

Inherited from wtforms.form.Form

`__delattr__()`, `__delitem__()`, `__iter__()`, `__setitem__()`, `validate()`

Inherited from wtforms.form.BaseForm

`__contains__()`, `__getitem__()`, `populate_obj()`, `process()`

Inherited from object

`__format__()`, `__getattr__()`, `__hash__()`, `__new__()`, `__reduce__()`, `__reduce_ex__()`, `__repr__()`, `__setattr__()`, `__sizeof__()`, `__str__()`, `__subclasshook__()`

16.15.2 Properties

Name	Description
<i>Inherited from wtforms.ext.csrf.form.SecureForm</i> data	
<i>Inherited from wtforms.form.BaseForm</i> errors	
<i>Inherited from object</i> __class__	

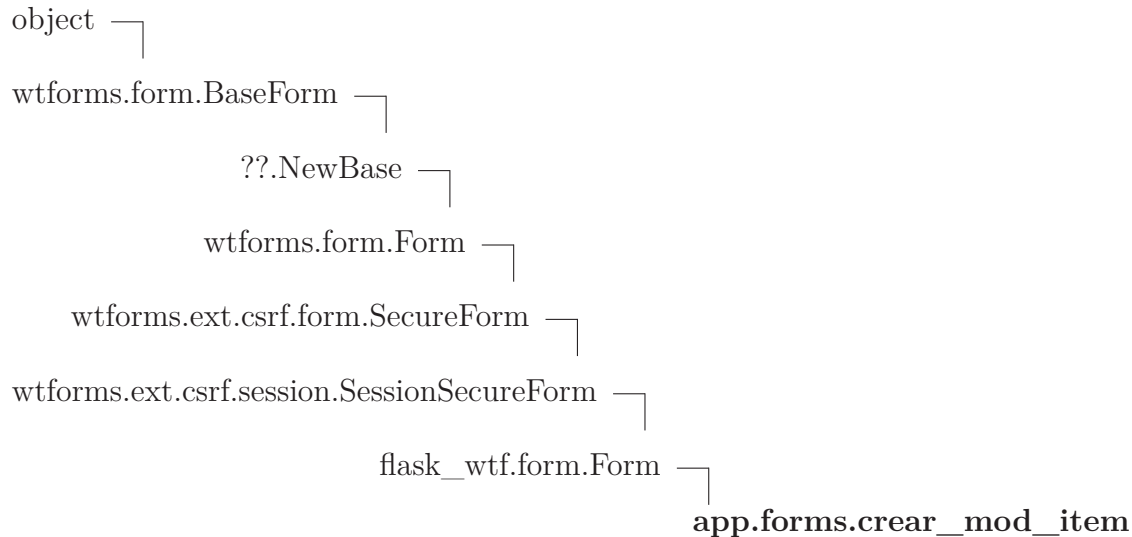
16.15.3 Class Variables

Name	Description
id	Value: <UnboundField(IntegerField, ('id',), {})>
nombre	Value: <UnboundField(TextField, ('nombre',), {'validators': [<wt...>]})>
tipo	Value: <UnboundField(SelectField, ('tipo',), {'choices': [('INT'...>]})>
valorDefault	Value: <UnboundField(TextField, ('valorDefault',), {'validators'...>)>
<i>Inherited from wtforms.ext.csrf.session.SessionSecureForm</i> SECRET_KEY, TIME_FORMAT, TIME_LIMIT	
<i>Inherited from wtforms.ext.csrf.form.SecureForm</i>	

continued on next page

Name	Description
<code>csrf_token</code>	

16.16 Class `crear__mod__item`



16.16.1 Methods

Inherited from `flask_wtf.form.Form`

`__init__()`, `generate_csrf_token()`, `hidden_tag()`, `is_submitted()`, `validate_csrf_token()`, `validate_on_submit()`

Inherited from `wtforms.form.Form`

`__delattr__()`, `__delitem__()`, `__iter__()`, `__setitem__()`, `validate()`

Inherited from `wtforms.form.BaseForm`

`__contains__()`, `__getitem__()`, `populate_obj()`, `process()`

Inherited from `object`

`__format__()`, `__getattr__()`, `__hash__()`, `__new__()`, `__reduce__()`, `__reduce_ex__()`, `__repr__()`, `__setattr__()`, `__sizeof__()`, `__str__()`, `__subclasshook__()`

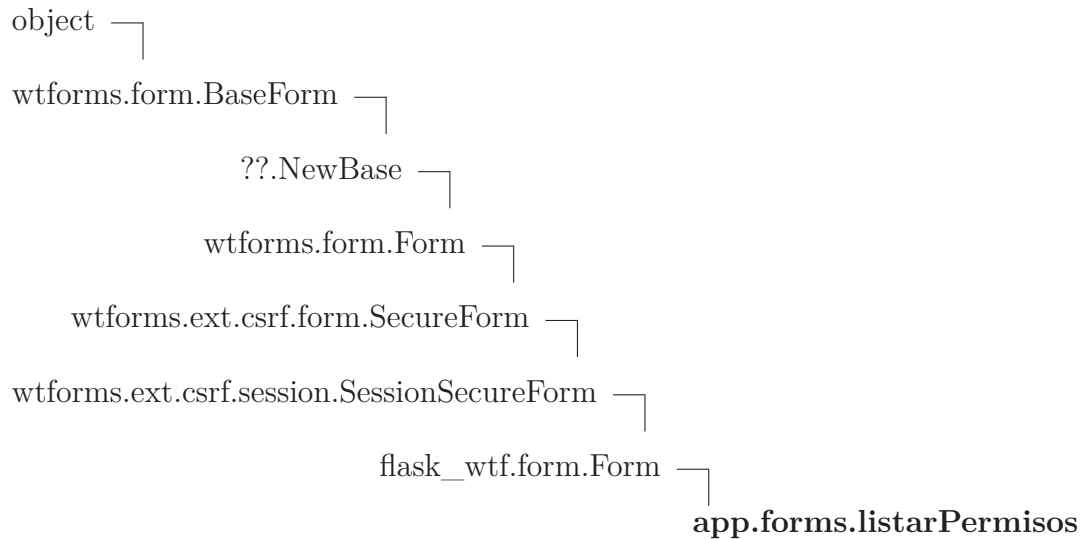
16.16.2 Properties

Name	Description
<i>Inherited from wtforms.ext.csrf.form.SecureForm</i>	
data	
<i>Inherited from wtforms.form.BaseForm</i>	
errors	
<i>Inherited from object</i>	
__class__	

16.16.3 Class Variables

Name	Description
id	Value: <UnboundField(IntegerField, ('id',), {})>
descripcion	Value: <UnboundField(TextAreaField, ('descripcion',), {})>
numero	Value: <UnboundField(IntegerField, ('numero',), {})>
numero_TI	Value: <UnboundField(IntegerField, ('numero_TI',), {})>
version	Value: <UnboundField(IntegerField, ('version',), {})>
complejidad	Value: <UnboundField(IntegerField, ('complejidad',), {})>
prioridad	Value: <UnboundField(SelectField, ('prioridad',), {'choices': [(...]
estado	Value: <UnboundField(SelectField, ('estado',), {'choices': [(1, ...]
observaciones	Value: <UnboundField(TextAreaField, ('observaciones',), {})>
<i>Inherited from wtforms.ext.csrf.session.SessionSecureForm</i>	
SECRET_KEY, TIME_FORMAT, TIME_LIMIT	
<i>Inherited from wtforms.ext.csrf.form.SecureForm</i>	
csrf_token	

16.17 Class `listarPermisos`



16.17.1 Methods

Inherited from `flask_wtf.form.Form`

`__init__()`, `generate_csrf_token()`, `hidden_tag()`, `is_submitted()`, `validate_csrf_token()`, `validate_on_submit()`

Inherited from `wtforms.form.Form`

`__delattr__()`, `__delitem__()`, `__iter__()`, `__setitem__()`, `validate()`

Inherited from `wtforms.form.BaseForm`

`__contains__()`, `__getitem__()`, `populate_obj()`, `process()`

Inherited from `object`

`__format__()`, `__getattr__()`, `__hash__()`, `__new__()`, `__reduce__()`, `__reduce_ex__()`, `__repr__()`, `__setattr__()`, `__sizeof__()`, `__str__()`, `__subclasshook__()`

16.17.2 Properties

Name	Description
<i>Inherited from <code>wtforms.ext.csrf.form.SecureForm</code></i>	<code>data</code>
<i>Inherited from <code>wtforms.form.BaseForm</code></i>	

continued on next page

Name	Description
errors	
<i>Inherited from object</i>	
__class__	

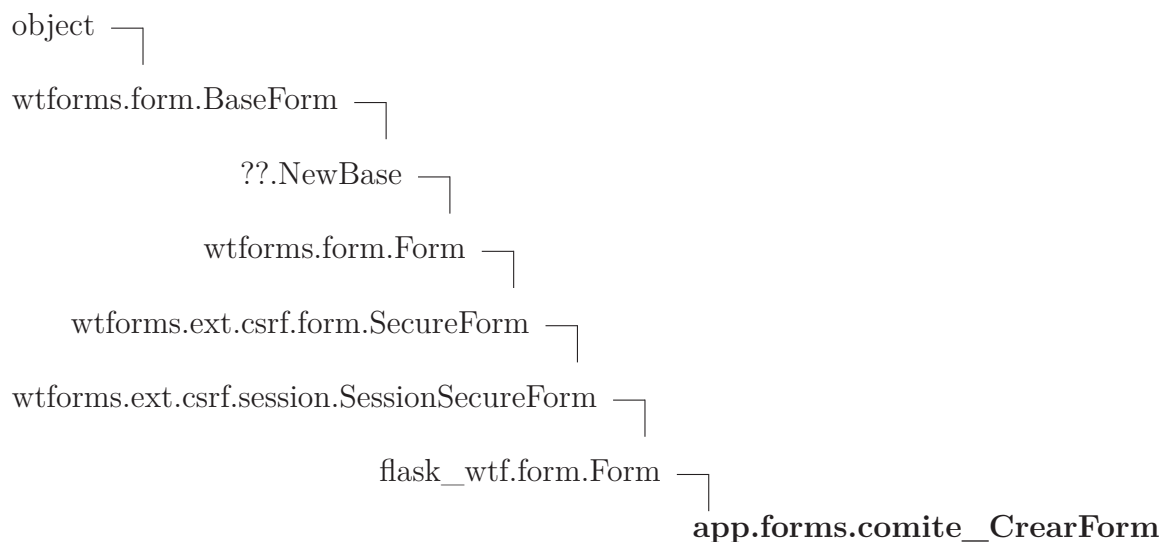
16.17.3 Class Variables

Name	Description
u1	Value: <UnboundField(BooleanField, (), {})>
u2	Value: <UnboundField(BooleanField, (), {})>
u3	Value: <UnboundField(BooleanField, (), {})>
u4	Value: <UnboundField(BooleanField, (), {})>
u5	Value: <UnboundField(BooleanField, (), {})>
u6	Value: <UnboundField(BooleanField, (), {})>
u7	Value: <UnboundField(BooleanField, (), {})>
u8	Value: <UnboundField(BooleanField, (), {})>
u9	Value: <UnboundField(BooleanField, (), {})>
u10	Value: <UnboundField(BooleanField, (), {})>
u11	Value: <UnboundField(BooleanField, (), {})>
u12	Value: <UnboundField(BooleanField, (), {})>
u13	Value: <UnboundField(BooleanField, (), {})>
u14	Value: <UnboundField(BooleanField, (), {})>
u15	Value: <UnboundField(BooleanField, (), {})>
u16	Value: <UnboundField(BooleanField, (), {})>
u17	Value: <UnboundField(BooleanField, (), {})>

continued on next page

Name	Description
u18	Value: <UnboundField(BooleanField, (), {})>
u19	Value: <UnboundField(BooleanField, (), {})>
u20	Value: <UnboundField(BooleanField, (), {})>
u21	Value: <UnboundField(BooleanField, (), {})>
u22	Value: <UnboundField(BooleanField, (), {})>
u23	Value: <UnboundField(BooleanField, (), {})>
u24	Value: <UnboundField(BooleanField, (), {})>
<i>Inherited from wtforms.ext.csrf.session.SessionSecureForm</i>	
SECRET_KEY, TIME_FORMAT, TIME_LIMIT	
<i>Inherited from wtforms.ext.csrf.form.SecureForm</i>	
csrf_token	

16.18 Class comite_CrearForm



16.18.1 Methods

Inherited from flask_wtf.form.Form

`__init__()`, `generate_csrf_token()`, `hidden_tag()`, `is_submitted()`, `validate_csrf_token()`, `validate_on_submit()`

Inherited from `wtforms.form.Form`

`__delattr__()`, `__delitem__()`, `__iter__()`, `__setitem__()`, `validate()`

Inherited from `wtforms.form.BaseForm`

`__contains__()`, `__getitem__()`, `populate_obj()`, `process()`

Inherited from object

`__format__()`, `__getattr__()`, `__hash__()`, `__new__()`, `__reduce__()`, `__reduce_ex__()`, `__repr__()`, `__setattr__()`, `__sizeof__()`, `__str__()`, `__subclasshook__()`

16.18.2 Properties

Name	Description
<i>Inherited from <code>wtforms.ext.csrf.form.SecureForm</code></i> <code>data</code>	
<i>Inherited from <code>wtforms.form.BaseForm</code></i> <code>errors</code>	
<i>Inherited from object</i> <code>__class__</code>	

16.18.3 Class Variables

Name	Description
<code>nomComite</code>	Value: <code><UnboundField(TextField, ('nomComite'), {'validators': [...</code>
<code>u1</code>	Value: <code><UnboundField(RadioField, (), {})></code>
<i>Inherited from <code>wtforms.ext.csrf.session.SessionSecureForm</code></i> <code>SECRET_KEY</code> , <code>TIME_FORMAT</code> , <code>TIME_LIMIT</code>	
<i>Inherited from <code>wtforms.ext.csrf.form.SecureForm</code></i> <code>csrf_token</code>	

17 Package app.modelo

Sigma_System

Organization: CRF_Proyect

Author:

- Cristian Candia¹⁰
- Ruth Centurion¹¹
- Fernando Saucedo¹²

17.1 Modules

- **archivo:** Sigma_System
(Section 18, p. 53)
- **atributo:** Sigma_System
(Section 19, p. 56)
- **comite** (Section 20, p. 60)
- **fase** (Section 21, p. 63)
- **historial:** Sigma_System
(Section 22, p. 66)
- **item:** Sigma_System
(Section 23, p. 70)
- **lineabase:** Sigma_System
(Section 24, p. 76)
- **permiso** (Section 25, p. 80)
- **proyecto** (Section 26, p. 83)
- **rol:** Sygma_System :organization:CRF_Proyect
(Section 27, p. 86)
- **solicitud** (Section 28, p. 89)
- **usuario** (Section 29, p. 92)
- **voto** (Section 30, p. 95)

17.2 Variables

Name	Description
Herencia_TipoItem	Value: Table('herencia_TI', MetaData(bind=None), Column('id', In...
ROLE_ADMIN	Value: 1

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¹²<mailto:carlifer.fernando@gmail.com>

Name	Description
ROLE_USER	Value: 0
__package__	Value: 'app.modelo'
db	Value: <SQLAlchemy engine='postgresql+psycopg2://cristian:usuari...
relacion_item	Value: Table('relacion_item', MetaData(bind=None), Column('id', ...

18 Module `app.modelo.archivo`

Sigma_System

Organization: CRF_Proyect

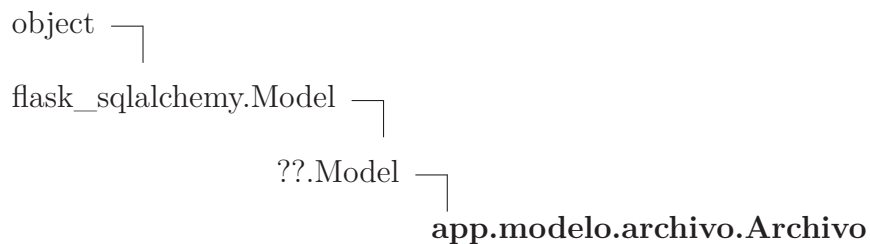
Author:

- Cristian Candia¹³
- Ruth Centurion¹⁴
- Fernando Saucedo¹⁵

18.1 Variables

Name	Description
<code>__package__</code>	Value: <code>'app.modelo'</code>

18.2 Class Archivo



Clase que representa a la entidad Archivo

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18.2.1 Methods

`__init__(self, nombre, datos, tipo, id_item, activo)`

A simple constructor that allows initialization from kwargs.

Sets attributes on the constructed instance using the names and values in “kwargs”.

Only keys that are present as attributes of the instance’s class are allowed. These could be, for example, any mapped columns or relationships.

Overrides: object.__init__ exitit(inherited documentation)

`__repr__(self)`

`repr(x)`

Overrides: object.__repr__ exitit(inherited documentation)

Inherited from `??Model`

`__mapper_cls__()`, `query()`

Inherited from object

`__delattr__()`, `__format__()`, `__getattr__()`, `__hash__()`, `__new__()`,
`__reduce__()`, `__reduce_ex__()`, `__setattr__()`, `__sizeof__()`, `__str__()`,
`__subclasshook__()`

18.2.2 Properties

Name	Description
<i>Inherited from object</i>	
<code>__class__</code>	

18.2.3 Class Variables

Name	Description
<code>__tablename__</code>	Value: 'archivo'
id	Value: db.Column(db.Integer, primary_key= True)
datos	Value: db.Column(db.Binary)
nombre	Value: db.Column(db.String)
tipo	Value: db.Column(db.String)

continued on next page

Name	Description
id_item	Value: db.Column(db.Integer, ForeignKey('item.id_item'))
activo	Value: db.Column(db.Boolean)
__mapper__	Value: <Mapper at 0x9974dcc; Archivo>
__table__	Value: Table('archivo', MetaData(bind=None), Column('id', Intege...
<i>Inherited from ??Model</i> metadata	

19 Module *app.modelo.atributo*

Sigma_System

Organization: CRF_Proyect

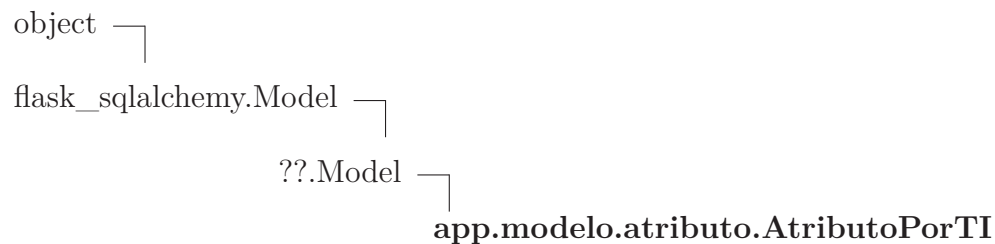
Author:

- Cristian Candia¹⁶
- Ruth Centurion¹⁷
- Fernando Saucedo¹⁸

19.1 Variables

Name	Description
<code>__package__</code>	Value: <code>'app.modelo'</code>

19.2 Class *AtributoPorTI*



Clase que representa a la Entidad Atributo por TI.

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19.2.1 Methods

__init__ (self, idTI, nombre, tipo, valorDefault)
Constructor de la clase AtributoPorTI
Parameters
idTI: Id del TI asociado
nombre: Nombre del Atributo
tipo: Tipo del Atributo
valorDefault: Valor por defecto del Atributo
Overrides: object.__init__

Inherited from ??Model

__mapper_cls__(), query()

Inherited from object

__delattr__(), __format__(), __getattr__(), __hash__(), __new__(),
 __reduce__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(),
 __str__(), __subclasshook__()

19.2.2 Properties

Name	Description
<i>Inherited from object</i>	
__class__	

19.2.3 Class Variables

Name	Description
__tablename__	Value: 'atributo_TI'
id_Atrib_TI	Clave primaria de la clase. Value: db.Column(db.Integer, primary_key= True)
id_TI	Atributo que enlaza un tipo de item con su atributo. Value: db.Column(Integer, ForeignKey('tipo_item.id_TI'), nullable= True)
nombre	Value: Column(String(64))
tipo	Value: Column(String(64))

continued on next page

Name	Description
<code>valorDefault</code>	Value: <code>Column(String(100))</code>
<code>__mapper__</code>	Value: <code><Mapper at 0x993b5ec; AtributoPorTI></code>
<code>__table__</code>	Value: <code>Table('atributo_TI', MetaData(bind=None), Column('id_Atri...</code>
<i>Inherited from</i> <code>??Model</code> <code>metadata</code>	

19.3 Class `AtributoPorItem`



Clase que representa a la Entidad Atributo por Item.

19.3.1 Methods

Inherited from object

```

__delattr__(), __format__(), __getattr__(), __hash__(), __init__(),
__new__(), __reduce__(), __reduce_ex__(), __repr__(), __setattr__(),
__sizeof__(), __str__(), __subclasshook__()

```

19.3.2 Properties

Name	Description
<i>Inherited from object</i> <code>__class__</code>	

19.3.3 Class Variables

Name	Description
<code>id_Atrib_Item</code>	Clave primaria de la clase. Value: <code>Column(None, Integer(), table=None, primary_key=True, nul...</code>
<code>id_Item</code>	Value: <code>Column(None, Integer(), ForeignKey('Item.id_Item'), table...</code>

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Name	Description
id_Atrib_TI	Value: Column(None, Integer(), ForeignKey('atributo_TI.id_Atrib_...'))
valor	Value: Column(None, String(length=100), table=None)
<i>Inherited from flask_sqlalchemy.Model</i> query	

20 Module *app.modelo.comite*

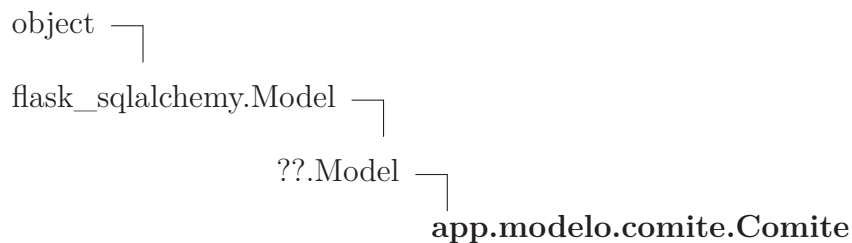
Organization: Sigma-System - CRF_Proyect

Authors: Cristian Candia, Ruth Centurion, Fernando Saucedo

20.1 Variables

Name	Description
<code>usr_por_comite</code>	Value: <code>Table('usr_comite', MetaData(bind=None), Column('id', Int...</code>
<code>__package__</code>	Value: <code>'app.modelo'</code>

20.2 Class Comite



Id que se le asigna al comite

20.2.1 Methods

`add_comite(self)`

`delete_comite(self)`

`get_id(self)`

`__repr__(self)`

`repr(x)`

`Overrides: object.__repr__ extit(inherited documentation)`

<code>__init__</code> (<i>self</i> , <i>**kwargs</i>)
A simple constructor that allows initialization from kwargs.
Sets attributes on the constructed instance using the names and values in “kwargs”.
Only keys that are present as attributes of the instance’s class are allowed. These could be, for example, any mapped columns or relationships.
Overrides: <code>object.__init__</code>

Inherited from `??Model`

`__mapper_cls__`() , `query`()

Inherited from `object`

`__delattr__`() , `__format__`() , `__getattr__`() , `__hash__`() , `__new__`() ,
`__reduce__`() , `__reduce_ex__`() , `__setattr__`() , `__sizeof__`() , `__str__`() ,
`__subclasshook__`()

20.2.2 Properties

Name	Description
<i>Inherited from <code>object</code></i>	
<code>__class__</code>	

20.2.3 Class Variables

Name	Description
<code>id</code>	Define el nombre del comite Value: <code>db.Column(db.Integer, primary_key= True)</code>
<code>nombre</code>	Almacena la cantidad de miembros del comite Value: <code>db.Column(db.String(64))</code>
<code>cant_miembros</code>	Define el proyecto al que pertenece Value: <code>db.Column(db.Integer)</code>
<code>id_proyecto</code>	registra el rol asociado al usuario Value: <code>db.Column(db.Integer)</code>
<code>usuarios</code>	Value: <code>db.relationship('User2', secondary= usr_por_comite, backr...</code>
<code>__mapper__</code>	Value: <code><Mapper at 0x9988a2c; Comite></code>

continued on next page

Name	Description
<code>__table__</code>	Value: <code>Table('comite', MetaData(bind=None), Column('id', Integer...</code>
<code>__tablename__</code>	Value: <code>'comite'</code>
<i>Inherited from ??Model</i> metadata	

21 Module `app.modelo.fase`

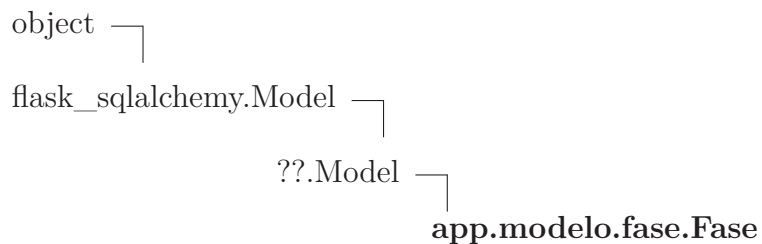
Organization: Sigma-System - CRF_Proyect

Authors: Cristian Candia, Ruth Centurion, Fernando Saucedo

21.1 Variables

Name	Description
<code>__package__</code>	Value: <code>'app.modelo'</code>

21.2 Class Fase



Id que se le asigna a la fase

21.2.1 Methods

<code>add_fase(self)</code>

<code>__repr__(self)</code>

<code>repr(x)</code>

Overrides: <code>object.__repr__</code> extit(inherited documentation)
--

<code>delete_fase(self)</code>

<code>__init__</code> (<i>self</i> , <i>**kwargs</i>)
A simple constructor that allows initialization from kwargs.
Sets attributes on the constructed instance using the names and values in “kwargs”.
Only keys that are present as attributes of the instance’s class are allowed. These could be, for example, any mapped columns or relationships.
Overrides: object. <code>__init__</code>

Inherited from `??Model`

`__mapper_cls__`() , `query`()

Inherited from object

`__delattr__`() , `__format__`() , `__getattr__`() , `__hash__`() , `__new__`() ,
`__reduce__`() , `__reduce_ex__`() , `__setattr__`() , `__sizeof__`() , `__str__`() ,
`__subclasshook__`()

21.2.2 Properties

Name	Description
<i>Inherited from object</i>	
<code>__class__</code>	

21.2.3 Class Variables

Name	Description
id	Define el nombre de la fase Value: <code>db.Column(db.Integer, primary_key= True)</code>
nombre	Registra la posicion de la fase en el proyecto Value: <code>db.Column(db.String(64))</code>
posicion	Registra la descripcion de la fase Value: <code>db.Column(db.Integer)</code>
descripcion	Registra la cantidad de items de la fase Value: <code>db.Column(db.String(120))</code>
cantidadItems	Registra la cantidad de linea base de una base Value: <code>db.Column(db.Integer)</code>
cantidadLB	Registra el estado de una fase Value: <code>db.Column(db.Integer)</code>
estado	Value: <code>db.Column(db.String(64))</code>

continued on next page

Name	Description
id_proyecto	Value: db.Column(db.Integer, db.ForeignKey('proyecto.id'))
__mapper__	Value: <Mapper at 0x991456c; Fase>
__table__	Value: Table('fase', MetaData(bind=None), Column('id', Integer())...
__tablename__	Value: 'fase'
fase	Value: <sqlalchemy.orm.attributes.InstrumentedAttribute object a...>
fase_LB	Value: <sqlalchemy.orm.attributes.InstrumentedAttribute object a...>
proyecto	Value: <sqlalchemy.orm.attributes.InstrumentedAttribute object a...>
<i>Inherited from ??Model metadata</i>	

22 Module `app.modelo.historial`

Sigma_System

Organization: CRF_Proyect

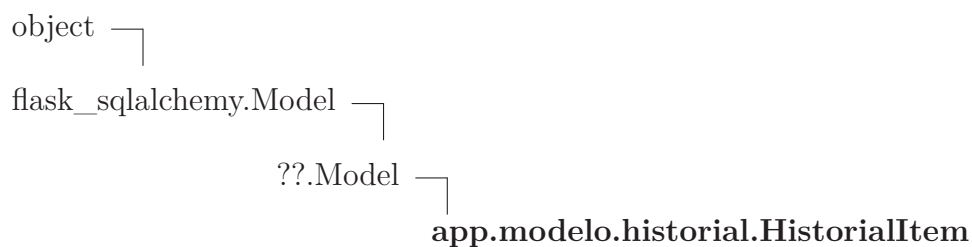
Author:

- Cristian Candia¹⁹
- Ruth Centurion²⁰
- Fernando Saucedo²¹

22.1 Variables

Name	Description
<code>__package__</code>	Value: <code>'app.modelo'</code>

22.2 Class `HistorialItem`



Clase que representa a la entidad `historial_item`.

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22.2.1 Methods

__init__ (self, **kwargs)
A simple constructor that allows initialization from kwargs.
Sets attributes on the constructed instance using the names and values in “kwargs”.
Only keys that are present as attributes of the instance’s class are allowed. These could be, for example, any mapped columns or relationships.
Overrides: object.__init__

Inherited from ??Model

__mapper_cls__(), query()

Inherited from object

__delattr__(), __format__(), __getattr__(), __hash__(), __new__(),
 __reduce__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(),
 __str__(), __subclasshook__()

22.2.2 Properties

Name	Description
<i>Inherited from object</i>	
__class__	

22.2.3 Class Variables

Name	Description
__tablename__	Value: 'historial_item'
id_historial_item	Clave primaria de la entidad. Value: db.Column(db.Integer, primary_key= True)
tipoModificacion	Value: db.Column(db.String(100))
fechaModificacion	Value: db.Column(db.Date)
id_item	Value: db.Column(db.Integer, db.ForeignKey('item.id_item'))
id_usuario	Value: db.Column(db.Integer, db.ForeignKey('user2.id'))
__mapper__	Value: <Mapper at 0x994252c; HistorialItem>

continued on next page

Name	Description
<code>__table__</code>	Value: <code>Table('historial_item', MetaData(bind=None), Column('id_h...</code>
<i>Inherited from</i> <code>??Model</code> metadata	

22.3 Class *HistorialLineaBase*



22.3.1 Methods

<code>__init__</code> (<i>self</i> , <i>**kwargs</i>)
A simple constructor that allows initialization from kwargs.
Sets attributes on the constructed instance using the names and values in “kwargs”.
Only keys that are present as attributes of the instance’s class are allowed. These could be, for example, any mapped columns or relationships.
Overrides: <code>object.__init__</code>

Inherited from `??Model`

`__mapper_cls__`() , `query`()

Inherited from `object`

`__delattr__`() , `__format__`() , `__getattr__`() , `__hash__`() , `__new__`() ,
`__reduce__`() , `__reduce_ex__`() , `__repr__`() , `__setattr__`() , `__sizeof__`() ,
`__str__`() , `__subclasshook__`()

22.3.2 Properties

Name	Description
<i>Inherited from</i> <code>object</code>	

continued on next page

Name	Description
__class__	

22.3.3 Class Variables

Name	Description
__tablename__	Value: 'historial_relacion'
id	Value: db.Column(db.Integer, primary_key= True)
id_lb	Value: db.Column(None, db.ForeignKey("linea_base.id"), nullable=...)
operacion	Value: db.Column(db.String(100))
id_usuario	Value: db.Column(db.Integer, db.ForeignKey('user2.id'))
fecha	Value: db.Column(db.Date)
__mapper__	Value: <Mapper at 0x997422c; HistorialLineaBase>
__table__	Value: Table('historial_relacion', MetaData(bind=None), Column('...'
<i>Inherited from ??Model metadata</i>	

23 Module *app.modelo.item*

Sigma_System

Organization: CRF_Proyect

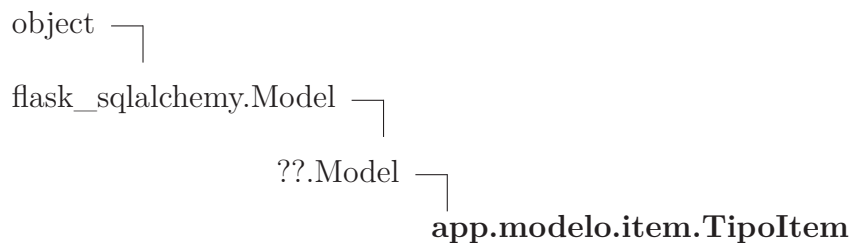
Author:

- Cristian Candia²²
- Ruth Centurion²³
- Fernando Saucedo²⁴

23.1 Variables

Name	Description
ROLE_USER	Value: 0
ROLE_ADMIN	Value: 1
Herencia_TipoItem	Entidad para realizar la herencia entre TIs Value: Table('herencia_TI', MetaData(bind=None), Column('id', In...
relacion_item	Definicion de la entidad relaciones Value: Table('relacion_item', MetaData(bind=None), Column('id', ...
__package__	Value: 'app.modelo'

23.2 Class *TipoItem*



Note: Clase que representa a la Entidad Tipo de Item.

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²⁴<mailto:carlifer.fernando@gmail.com>

23.2.1 Methods

__init__ (self, codigo, nombre_TI, descripcion, proyecto_id, fase_id)
Constructor de la clase TipoItem
Parameters
codigo: codigo con el que le registra el sistema al TI
nombre_TI: nombre que le asigna el usuario
descripcion: descripcion del TI
proyecto_id: id del proyecto asociado
fase_id: id de la fase asociada
Overrides: object.__init__

Inherited from ?? .Model

__mapper_cls__(), query()

Inherited from object

__delattr__(), __format__(), __getattr__(), __hash__(), __new__(),
 __reduce__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(),
 __str__(), __subclasshook__()

23.2.2 Properties

Name	Description
<i>Inherited from object</i>	
__class__	

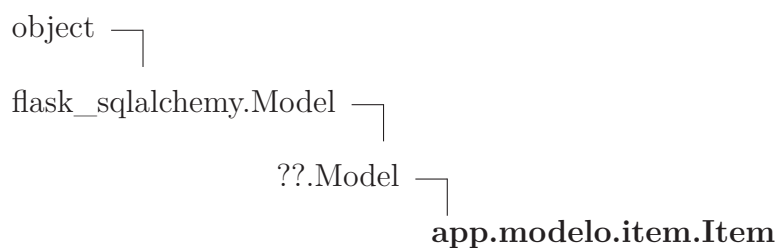
23.2.3 Class Variables

Name	Description
__tablename__	Value: 'tipo_item'
id_TI	Clave primaria de la tabla. Value: db.Column(db.Integer, primary_key= True)
codigo	Value: db.Column(db.String(100))
nombre_TI	Atributo que representa el codigo del tipo de item. Value: db.Column(db.String(100))
descripcion	Atributo que describe al tipo de item. Value: db.Column(db.String(100))

continued on next page

Name	Description
proyecto_id	Value: db.Column(None, db.ForeignKey("proyecto.id"), nullable=T...
proyecto	Atributos que relacionan el proyecto con el tipo de item. Value: db.relation('Proyecto', backref=db.backref('proyecto'))
fase_id	Value: db.Column(None, db.ForeignKey("fase.id"), nullable=True)
fase	Value: db.relation('Fase', backref=db.backref('fase'))
items	Atributos que relacionan la fase con el tipo de item. Value: db.relation('Item', backref=db.backref('item'))
__mapper__	Value: <Mapper at 0x9925aac; TipoItem>
__table__	Value: Table('tipo_item', MetaData(bind=None), Column('id_TI', I...
<i>Inherited from ??Model</i> metadata	

23.3 Class Item



Note: Clase que representa a la entidad Item

23.3.1 Methods

__repr__ (<i>self</i>)
repr(x)
Overrides: object.__repr__
Note: Metodo que imprime el nombre que representa al objeto

__init__ (<i>self</i> , **kwargs)
A simple constructor that allows initialization from kwargs.
Sets attributes on the constructed instance using the names and values in “kwargs”.
Only keys that are present as attributes of the instance’s class are allowed. These could be, for example, any mapped columns or relationships.
Overrides: object.__init__

Inherited from ?? .Model

__mapper_cls__(), query()

Inherited from object

__delattr__(), __format__(), __getattr__(), __hash__(), __new__(),
 __reduce__(), __reduce_ex__(), __setattr__(), __sizeof__(), __str__(),
 __subclasshook__()

23.3.2 Properties

Name	Description
<i>Inherited from object</i> __class__	

23.3.3 Class Variables

Name	Description
id_item	Id asignado a cada item del proyecto Value: db.Column(db.Integer, primary_key= True)
descripcion	Atributo para dar una descripcion sobre el item Value: db.Column(db.String(200))

continued on next page

Name	Description
numero	Atributo para saber cantidad de items por fase Value: db.Column(db.Integer)
num_x_TI	Atributo para saber cantidad de items de ese tipo de item por fase Value: db.Column(db.Integer)
id_TI	Atributo para definir el tipo de item Value: db.Column(db.Integer, db.ForeignKey('tipo_item.id_TI'))
id_fase	Atributo que define la fase a la que pertenece ese item Value: db.Column(db.Integer, db.ForeignKey('fase.id'))
version	Atributo que define la version del item. Value: db.Column(db.Integer)
complejidad	Atributo que define la complejidad del item. Value: db.Column(db.Integer)
prioridad	Atributo que define la prioridad del item. 1. Alta. 2. Media. 3. Baja Value: db.Column(db.Integer)
estado	Atributo que define el estado en que se encuentra el item. 1 = Aprobado. 2 = Desaprobado. 3 = Bloqueado. 4 = Revision-Bloqueada. 5 = Revision-Desbloqueada 6 = Finalizada Value: db.Column(db.Integer)
borrado	Atributo que indica el borrado logico del item. Value: db.Column(db.Boolean)
observaciones	Atributo que define las observaciones correspondientes al item. Value: db.Column(db.String(200))
__mapper__	Value: <Mapper at 0x993542c; Item>
__table__	Value: Table('item', MetaData(bind=None), Column('id_item', Inte...
__tablename__	Value: 'item'

continued on next page

Name	Description
item	Value: <sqlalchemy.orm.attributes.InstrumentedAttribute object a...
<i>Inherited from ??Model</i> metadata	

24 Module *app.modelo.lineabase*

Sigma_System

Organization: CRF_Proyect

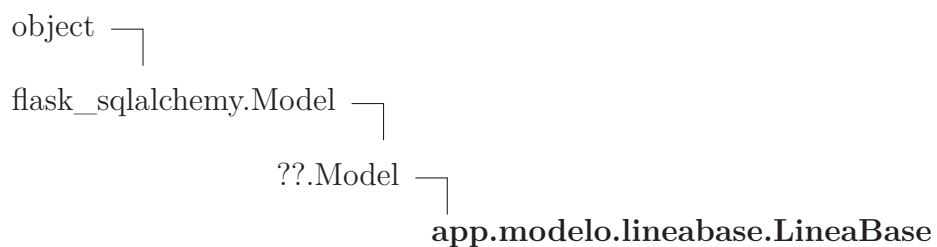
Author:

- Cristian Candia²⁵
- Ruth Centurion²⁶
- Fernando Saucedo²⁷

24.1 Variables

Name	Description
<code>__package__</code>	Value: <code>'app.modelo'</code>

24.2 Class *LineaBase*



Clase que representa a la entidad *linea_base*

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24.2.1 Methods

<code>__init__(self, **kwargs)</code>
A simple constructor that allows initialization from kwargs.
Sets attributes on the constructed instance using the names and values in “kwargs”.
Only keys that are present as attributes of the instance’s class are allowed. These could be, for example, any mapped columns or relationships.
Overrides: object.__init__

Inherited from `??Model`

`__mapper_cls__()`, `query()`

Inherited from object

`__delattr__()`, `__format__()`, `__getattr__()`, `__hash__()`, `__new__()`,
`__reduce__()`, `__reduce_ex__()`, `__repr__()`, `__setattr__()`, `__sizeof__()`,
`__str__()`, `__subclasshook__()`

24.2.2 Properties

Name	Description
<i>Inherited from object</i>	
<code>__class__</code>	

24.2.3 Class Variables

Name	Description
<code>__tablename__</code>	Value: 'linea_base'
id	Clave primaria de la entidad. Value: db.Column(db.Integer, primary_key= True)
nombre	Value: db.Column(db.String(50))
estado	Value: db.Column(db.String(50))
fecha_creacion	Value: db.Column(db.Date)
fase_id	Value: db.Column(None, db.ForeignKey("fase.id"), nullable= True)
fase	Value: db.relation('Fase', backref= db.backref('fase_LB'))

continued on next page

Name	Description
<code>__mapper__</code>	Value: <Mapper at 0x997be8c; LineaBase>
<code>__table__</code>	Value: Table('linea_base', MetaData(bind=None), Column('id', Int...
<i>Inherited from</i> <i>??Model</i> metadata	

24.3 Class *ItemsPorLineaBase*



Clase que representa a la entidad `items_x_LB`

24.3.1 Methods

<code>__init__</code> (<i>self</i> , <i>**kwargs</i>)
A simple constructor that allows initialization from kwargs.
Sets attributes on the constructed instance using the names and values in “kwargs”.
Only keys that are present as attributes of the instance’s class are allowed. These could be, for example, any mapped columns or relationships.
Overrides: <code>object.__init__</code>

Inherited from *??Model*

`__mapper_cls__`() , `query`()

Inherited from *object*

`__delattr__`() , `__format__`() , `__getattr__`() , `__hash__`() , `__new__`() ,
`__reduce__`() , `__reduce_ex__`() , `__repr__`() , `__setattr__`() , `__sizeof__`() ,
`__str__`() , `__subclasshook__`()

24.3.2 Properties

Name	Description
<i>Inherited from object</i>	
__class__	

24.3.3 Class Variables

Name	Description
__tablename__	Value: 'items_x_LB'
id	Value: db.Column(db.Integer, primary_key= True)
id_item	Value: db.Column(db.Integer, db.ForeignKey('item.id_item'))
id_linea_base	Value: db.Column(db.Integer, db.ForeignKey('linea_base.id'))
__mapper__	Value: <Mapper at 0x99829cc; ItemsPorLineaBase>
__table__	Value: Table('items_x_LB', MetaData(bind=None), Column('id', Int...
<i>Inherited from ??Model</i>	
metadata	

25 Module `app.modelo.permiso`

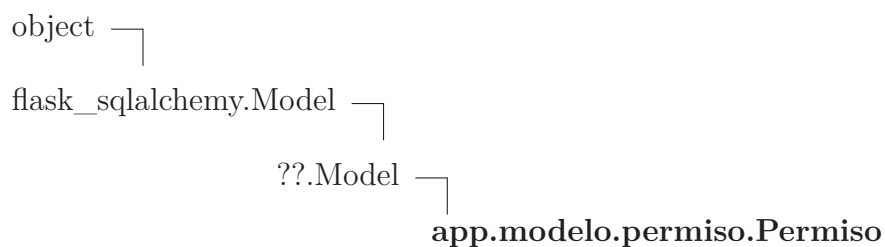
Organization: Sigma-System - CRF_Proyect

Authors: Cristian Candia, Ruth Centurion, Fernando Saucedo

25.1 Variables

Name	Description
<code>__package__</code>	Value: <code>'app.modelo'</code>

25.2 Class Permiso



Id que se le asigna a un permiso especifico

25.2.1 Methods

<code>add_permiso(<i>self</i>)</code>

<code>__repr__(<i>self</i>)</code>

<code>repr(x)</code>

Overrides: <code>object.__repr__</code> extit(inherited documentation)
--

<code>__init__</code> (<i>self</i> , <i>**kwargs</i>)
A simple constructor that allows initialization from kwargs.
Sets attributes on the constructed instance using the names and values in “kwargs”.
Only keys that are present as attributes of the instance’s class are allowed. These could be, for example, any mapped columns or relationships.
Overrides: <code>object.__init__</code>

Inherited from `??`.Model

`__mapper_cls__`() , `query`()

Inherited from object

`__delattr__`() , `__format__`() , `__getattr__`() , `__hash__`() , `__new__`() ,
`__reduce__`() , `__reduce_ex__`() , `__setattr__`() , `__sizeof__`() , `__str__`() ,
`__subclasshook__`()

25.2.2 Properties

Name	Description
<i>Inherited from object</i> <code>__class__</code>	

25.2.3 Class Variables

Name	Description
id	Define el nombre del permiso Value: <code>db.Column(db.Integer, primary_key= True)</code>
nombre	Registra el codigo del permiso Value: <code>db.Column(db.String(64))</code>
codigo	Value: <code>db.Column(db.String(64))</code>
<code>__mapper__</code>	Value: <code><Mapper at 0x992072c; Permiso></code>
<code>__table__</code>	Value: <code>Table('permiso', MetaData(bind=None), Column('id', Intege...</code>
<code>__tablename__</code>	Value: <code>'permiso'</code>
roles	Value: <code><sqlalchemy.orm.attributes.InstrumentedAttribute object a...</code>

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Name	Description
<i>Inherited from ??.</i> Model metadata	

26 Module `app.modelo.proyecto`

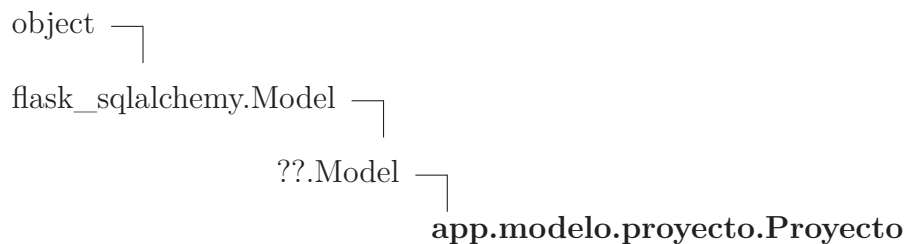
Organization: Sigma-System - CRF_Proyect

Authors: Cristian Candia, Ruth Centurion, Fernando Saucedo

26.1 Variables

Name	Description
<code>__package__</code>	Value: <code>'app.modelo'</code>

26.2 Class Proyecto



Id que se le asigna al usuario

26.2.1 Methods

<code>add__proy(self)</code>

<code>delete__proyecto(self)</code>

<code>__repr__(self)</code>

`repr(x)`

Overrides: `object.__repr__` extit(inherited documentation)

```
__init__(self, **kwargs)
```

A simple constructor that allows initialization from kwargs.

Sets attributes on the constructed instance using the names and values in “kwargs”.

Only keys that are present as attributes of the instance’s class are allowed. These could be, for example, any mapped columns or relationships.

Overrides: object.__init__

Inherited from ?? .Model

```
__mapper_cls__() , query()
```

Inherited from object

```
__delattr__() , __format__() , __getattr__() , __hash__() , __new__() ,  
__reduce__() , __reduce_ex__() , __setattr__() , __sizeof__() , __str__() ,  
__subclasshook__()
```

26.2.2 Properties

Name	Description
<i>Inherited from object</i> __class__	

26.2.3 Class Variables

Name	Description
id	Define el nombre del proyecto Value: db.Column(db.Integer, primary_key= True)
nombre	Indica la descripcion del proyecto Value: db.Column(db.String(64), index= True, unique= True)
descripcion	Registra la fecha de creacion del proyecto Value: db.Column(db.String(120), nullable= False)
fecha_de_creacion	Registra la complejidad total del proyecto Value: db.Column(db.Date)
complejidad_total	Indica el estado actual del proyecto Value: db.Column(db.Integer)
estado	Value: db.Column(db.String(50))

continued on next page

Name	Description
fases	Value: db.relationship('Fase', backref='proyecto', lazy='dynam...
__mapper__	Value: <Mapper at 0x990c52c; Proyecto>
__table__	Value: Table('proyecto', MetaData(bind=None), Column('id', Integ...
__tablename__	Value: 'proyecto'
proyecto	Value: <sqlalchemy.orm.attributes.InstrumentedAttribute object a...
<i>Inherited from ??Model</i>	
metadata	

27 Module app.modelo.rol

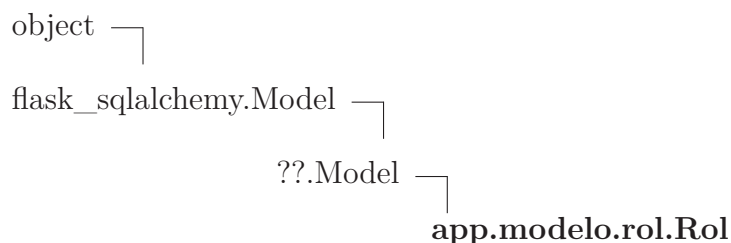
Syigma_System :organization:CRF_Proyect

Authors: Cristian Candia, Ruth Centurion, Fernando Saucedo models.py

27.1 Variables

Name	Description
permiso_por_rol	:note: Clase que representa a los roles Value: Table('permiso_rol', MetaData(bind=None), Column('id', In...
__package__	Value: 'app.modelo'

27.2 Class Rol



Id que se le asigna a un rol especifico

27.2.1 Methods

```
add_rol(self)
```

```
delete_rol(self)
```

```
__repr__(self)
```

```
repr(x)
```

```
Overrides: object.__repr__ extit(inherited documentation)
```

```
__init__(self, **kwargs)
```

A simple constructor that allows initialization from kwargs.

Sets attributes on the constructed instance using the names and values in “kwargs”.

Only keys that are present as attributes of the instance’s class are allowed. These could be, for example, any mapped columns or relationships.

Overrides: object.__init__

Inherited from ?? .Model

```
__mapper_cls__() , query()
```

Inherited from object

```
__delattr__() , __format__() , __getattr__() , __hash__() , __new__() ,  
__reduce__() , __reduce_ex__() , __setattr__() , __sizeof__() , __str__() ,  
__subclasshook__()
```

27.2.2 Properties

Name	Description
<i>Inherited from object</i> __class__	

27.2.3 Class Variables

Name	Description
id	Define el nombre del rol Value: db.Column(db.Integer, primary_key= True)
nombre	Registra la descripcion del rol Value: db.Column(db.String(64))
descripcion	Value: db.Column(db.String(120))
permisos	Value: db.relationship('Permiso', secondary= permiso_por_rol, ba...
id_proyecto	Value: db.Column(db.Integer, db.ForeignKey('proyecto.id'))
id_fase	Value: db.Column(db.Integer, db.ForeignKey('fase.id'))
__mapper__	Value: <Mapper at 0x9919a0c; Rol>

continued on next page

Name	Description
<code>__table__</code>	Value: <code>Table('rol', MetaData(bind=None), Column('id', Integer()),...</code>
<code>__tablename__</code>	Value: <code>'rol'</code>
<code>usuarios</code>	Value: <code><sqlalchemy.orm.attributes.InstrumentedAttribute object a...</code>
<i>Inherited from ??Model</i> metadata	

28 Module *app.modelo.solicitud*

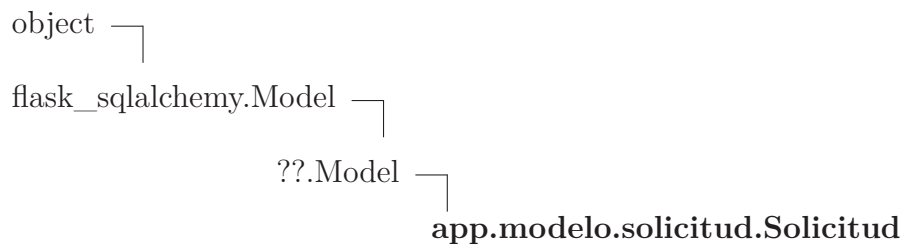
Organization: Sigma-System - CRF_Proyect

Authors: Cristian Candia, Ruth Centurion, Fernando Saucedo

28.1 Variables

Name	Description
<code>__package__</code>	Value: <code>'app.modelo'</code>

28.2 Class *Solicitud*



28.2.1 Methods

<code>add_solicitud(<i>self</i>)</code>

<code>__repr__(<i>self</i>)</code>

`repr(x)`

Overrides: `object.__repr__` extit(inherited documentation)

<code>delete_solicitud(<i>self</i>)</code>
--


```
__init__(self, **kwargs)
```

A simple constructor that allows initialization from kwargs.

Sets attributes on the constructed instance using the names and values in “kwargs”.

Only keys that are present as attributes of the instance’s class are allowed. These could be, for example, any mapped columns or relationships.

Overrides: `object.__init__`

Inherited from `??Model`

```
__mapper_cls__()
```

, `query()`

Inherited from `object`

```
__delattr__()
```

, `__format__()`, `__getattr__()`, `__hash__()`, `__new__()`,
`__reduce__()`, `__reduce_ex__()`, `__setattr__()`, `__sizeof__()`, `__str__()`,
`__subclasshook__()`

28.2.2 Properties

Name	Description
<i>Inherited from <code>object</code></i>	
<code>__class__</code>	

28.2.3 Class Variables

Name	Description
<code>id</code>	Value: <code>db.Column(db.Integer, primary_key= True)</code>
<code>nombre</code>	Value: <code>db.Column(db.String(64))</code>
<code>impacto_total</code>	Value: <code>db.Column(db.String(50))</code>
<code>costo_total</code>	Value: <code>db.Column(db.Integer)</code>
<code>estado</code>	Value: <code>db.Column(db.String(50))</code>
<code>id_comite</code>	Value: <code>db.Column(db.Integer, db.ForeignKey('comite.id'))</code>
<code>id_usuario</code>	Value: <code>db.Column(db.Integer, db.ForeignKey('user2.id'))</code>
<code>cantidad_votos</code>	Value: <code>db.Column(db.Integer)</code>
<code>__mapper__</code>	Value: <code><Mapper at 0x998ea0c; Solicitud></code>

continued on next page

Name	Description
<code>__table__</code>	Value: <code>Table('solicitud', MetaData(bind=None), Column('id', Inte...</code>
<code>__tablename__</code>	Value: <code>'solicitud'</code>
<i>Inherited from</i> <code>??Model</code> metadata	

29 Module app.modelo.usuario

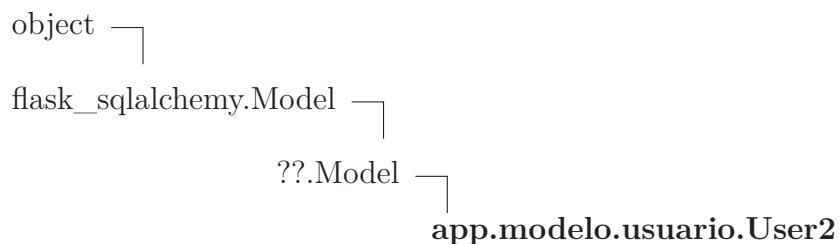
Organization: Sigma-System - CRF_Proyect

Authors: Cristian Candia, Ruth Centurion, Fernando Saucedo

29.1 Variables

Name	Description
ROLE_USER	Value: 0
ROLE_ADMIN	Value: 1
rol_por_usuario	Value: Table('rol_usuario', MetaData(bind=None), Column('id', In...
__package__	Value: 'app.modelo'

29.2 Class User2



Note: Clase que representa al usuario

29.2.1 Methods

`add_usr(self)`

`delete_usr(self)`

`is_authenticated(self)`

`is_active(self)`

`is_anonymous(self)`

`get_id(self)`

```
__repr__(self)
```

```
repr(x)
```

Overrides: object.__repr__ extit(inherited documentation)

```
__init__(self, **kwargs)
```

A simple constructor that allows initialization from kwargs.

Sets attributes on the constructed instance using the names and values in “kwargs”.

Only keys that are present as attributes of the instance’s class are allowed. These could be, for example, any mapped columns or relationships.

Overrides: object.__init__

Inherited from ?? .Model

```
__mapper_cls__(), query()
```

Inherited from object

```
__delattr__(), __format__(), __getattr__(), __hash__(), __new__(),
__reduce__(), __reduce_ex__(), __setattr__(), __sizeof__(), __str__(),
__subclasshook__()
```

29.2.2 Properties

Name	Description
<i>Inherited from object</i>	
__class__	

29.2.3 Class Variables

Name	Description
id	Id que se le asigna al usuario Value: db.Column(db.Integer, primary_key= True)
name	Define el nickname del usuario Value: db.Column(db.String(64), index= True, unique= True)
passWord	almacena el password del user Value: db.Column(db.String(120), index= True, unique= True)

continued on next page

Name	Description
nombre	Define el nombre del usuario Value: db.Column(db.String(64))
apellido	Define el apellido del usuario Value: db.Column(db.String(64))
telefono	Define el telefono del usuario Value: db.Column(db.String(15))
ci	Registra el documento del usuario Value: db.Column(db.String(15))
e_mail	Almacena una direccion de correo elec del usuario Value: db.Column(db.String(100), unique=True)
roles	Value: db.relationship('Rol', secondary=rol_por_usuario, backre...
__mapper__	Value: <Mapper at 0x98d55ac; User2>
__table__	Value: Table('user2', MetaData(bind=None), Column('id', Integer(...
__tablename__	Value: 'user2'
comites	Value: <sqlalchemy.orm.attributes.InstrumentedAttribute object a...
<i>Inherited from ??Model</i> metadata	

30 Module *app.modelo.voto*

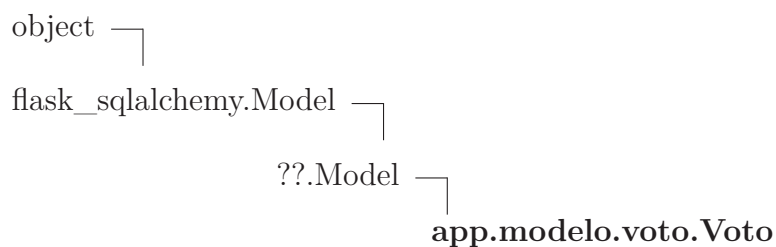
Organization: Sigma-System - CRF_Proyect

Authors: Cristian Candia, Ruth Centurion, Fernando Saucedo

30.1 Variables

Name	Description
<code>__package__</code>	Value: <code>'app.modelo'</code>

30.2 Class Voto



Id que se le asigna a un permiso especifico

30.2.1 Methods

<code>add_voto(<i>self</i>)</code>

<code>__repr__(<i>self</i>)</code>

<code>repr(x)</code>

Overrides: <code>object.__repr__</code> extit(inherited documentation)
--

```
__init__(self, **kwargs)
```

A simple constructor that allows initialization from kwargs.

Sets attributes on the constructed instance using the names and values in “kwargs”.

Only keys that are present as attributes of the instance’s class are allowed. These could be, for example, any mapped columns or relationships.

Overrides: object.__init__

Inherited from ??Model

```
__mapper_cls__() , query()
```

Inherited from object

```
__delattr__() , __format__() , __getattr__() , __hash__() , __new__() ,  
__reduce__() , __reduce_ex__() , __setattr__() , __sizeof__() , __str__() ,  
__subclasshook__()
```

30.2.2 Properties

Name	Description
<i>Inherited from object</i> __class__	

30.2.3 Class Variables

Name	Description
id	Value: db.Column(db.Integer, primary_key= True)
id_solicitud	Value: db.Column(db.Integer)
id_usuario	Value: db.Column(db.Integer)
voto	Value: db.Column(db.Integer)
__mapper__	Value: <Mapper at 0xa36190c; Voto>
__table__	Value: Table('voto', MetaData(bind=None), Column('id', Integer())...
__tablename__	Value: 'voto'
<i>Inherited from ??Model</i> metadata	

31 Module *app.models*

Sigma_System :organization:CRF_Project

Authors: Cristian Candia, Ruth Centurion, Fernando Saucedo

models.py

31.1 Variables

Name	Description
ROLE_USER	Value: 0
ROLE_ADMIN	:note: Clase que representa al usuario Value: 1
__package__	Value: 'app'

32 Package app.static

32.1 Variables

Name	Description
__package__	Value: None

33 Package app.test

33.1 Modules

- **testVarios2:** Created on 05/05/2013
(Section 34, p. 100)

33.2 Variables

Name	Description
__package__	Value: None

34 Module *app.test.testVarios2*

Created on 05/05/2013

Author: cristian

34.1 Variables

Name	Description
basedir	Value: <code>os.path.abspath(os.path.dirname(__file__))</code>

34.2 Class *TestUser2*

`unittest.TestCase` └─
 `app.test.testVarios2.TestUser2`

34.2.1 Methods

<code>setUp(self)</code>

<code>testGuardar(self)</code>

<code>tearDown(self)</code>

35 Module *app.testVarios*

Created on 05/05/2013

Author: cristian

35.1 Variables

Name	Description
<code>__package__</code>	Value: 'app'

35.2 Class *TestUser2*



35.2.1 Methods

setUp(*self*)

Hook method for setting up the test fixture before exercising it.

Overrides: `unittest.case.TestCase.setUp` extit(inherited documentation)

test_test1(*self*)

test_test2(*self*)

test_test3(*self*)

test_test4(*self*)

tearDown(*self*)

Hook method for deconstructing the test fixture after testing it.

Overrides: `unittest.case.TestCase.tearDown` extit(inherited documentation)

Inherited from `unittest.case.TestCase`

__call__(), __eq__(), __hash__(), __init__(), __ne__(), __repr__(),
 __str__(), addCleanup(), addTypeEqualityFunc(), assertAlmostEqual(), asser-
 tAlmostEquals(), assertDictContainsSubset(), assertDictEqual(), assertEqual(), as-
 sertEquals(), assertFalse(), assertGreater(), assertGreaterEqual(), assertIn(), as-
 sertIs(), assertIsInstance(), assertIsNone(), assertIsNot(), assertIsNotNone(), as-
 sertItemsEqual(), assertLess(), assertLessEqual(), assertListEqual(), assertMulti-
 LineEqual(), assertNotAlmostEqual(), assertNotAlmostEquals(), assertNotEqual(),
 assertNotEquals(), assertNotIn(), assertNotIsInstance(), assertNotRegexMatches(),
 assertRaises(), assertRaisesRegex(), assertRegexMatches(), assertSequenceEqual(),
 assertSetEqual(), assertTrue(), assertTupleEqual(), assert_(), countTestCases(),
 debug(), defaultTestResult(), doCleanups(), fail(), failIf(), failIfAlmostEqual(),
 failIfEqual(), failUnless(), failUnlessAlmostEqual(), failUnlessEqual(), failUnless-
 Raises(), id(), run(), setUpClass(), shortDescription(), skipTest(), tearDownClass()

Inherited from object

__delattr__(), __format__(), __getattr__(), __new__(), __reduce__(),
 __reduce_ex__(), __setattr__(), __sizeof__(), __subclasshook__()

35.2.2 Properties

Name	Description
<i>Inherited from object</i>	
__class__	

35.2.3 Class Variables

Name	Description
<i>Inherited from unittest.case.TestCase</i>	
longMessage, maxDiff	

36 Module *app.views*

Created on 14/04/2013

Author: cristian

36.1 Functions

<code>index(*args, **kwargs)</code>

<code>login()</code>

<code>before_request()</code>

<code>admin(*args, **kwargs)</code>

<code>logout()</code>

<code>listadoUsuarios()</code>

Devuelve un listado de los usuarios

<code>usuario(*args, **kwargs)</code>

Devuelve los datos de un Usuario en Concreto
--

<code>usr_crear(*args, **kwargs)</code>

<code>usr_modificar(*args, **kwargs)</code>

<code>usr_eliminar(*args, **kwargs)</code>
--

<code>buscar_str(nom)</code>

<code>usr_listar(*args, **kwargs)</code>
--

36.2 Variables

Name	Description
user1	Value: None

continued on next page

Name	Description
load_user	Value: None
c_user	Value: ControllerUsr()
__package__	Value: 'app'

37 Package app.vista

37.1 Modules

- **vistaAtributoTI**: Sigma_System
(Section 38, p. 107)
- **vistaFase**: Created on 03/05/2013
(Section 39, p. 109)
- **vistaItem** (Section 40, p. 110)
- **vistaPermiso**: Created on 03/05/2013
(Section 41, p. 111)
- **vistaProyecto**: Created on 25/04/2013
(Section 42, p. 112)
- **vistaRol**: Created on 03/05/2013
(Section 43, p. 113)
- **vistaTI**: Sigma_System
(Section 44, p. 114)
- **vistaUsuario**: Created on 26/04/2013
(Section 45, p. 115)

37.2 Variables

Name	Description
ADMINS	Value: ['carlifer.fernando@gmail.com', 'kandia88@gmail.com']
__package__	Value: 'app.vista'
app	Value: Flask(__name__)
c_TI	Value: ControllerTI()
c_atribTI	Value: ControllerAtributoTI()
c_comite	Value: ControllerComite()
c_fase	Value: ControllerFase()
c_fases	Value: ControllerFase()
c_item	Value: ControllerItem()
c_per	Value: ControllerPermiso()
c_permiso	Value: ControllerPermiso()
c_proy	Value: ControllerProy()
c_proyecto	Value: ControllerProy()
c_rol	Value: ControllerRol()
c_usr	Value: ControllerUsr()
current_user	Value: ??
db	Value: <SQLAlchemy engine='postgresql+psycopg2://cristian:usuari...>
g	Value: <LocalProxy unbound>

continued on next page

Name	Description
lm	Value: LoginManager()
request	Value: <LocalProxy unbound>
session	Value: <LocalProxy unbound>

38 Module *app.vista.vistaAtributoTI*

Sigma_System

Organization: CRF_Proyect

Author:

- Cristian Candia²⁸
- Ruth Centurion²⁹
- Fernando Saucedo³⁰

38.1 Functions

atributoTI(*args, **kwargs)

Vista que da acceso a la pagina de los atributos del TI que es pasado como parametro

crearAtributoTI(*args, **kwargs)

Vista para crear el Tipo de Item

Parameters

idf: id de la fase asociada.

idp: id del proyecto asociado.

modificarAtributoTI(idATI=None, idTI=None, idf=None, idp=None)

Vista que modifica un Atributo de un TipoItem.

eliminarTI(idATI=None, idTI=None, idf=None, idp=None)

Vista correspondiente a la eliminacion de un Atributo de un Tipo de Item

38.2 Variables

Name	Description
c_fase	Value: ControllerFase()
c_proy	Value: ControllerProy()
c_TI	Value: ControllerTI()

continued on next page

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²⁹<mailto:ruthiccr@gmail.com>

³⁰<mailto:carlifer.fernando@gmail.com>

Name	Description
c_atribTI	Value: ControllerAtributoTI()
__package__	Value: 'app.vista'

39 Module *app.vista.vistaFase*

Created on 03/05/2013

Author: cristian

39.1 Functions

<code>fase(*args, **kwargs)</code>

<code>crearFase(*args, **kwargs)</code>

<code>fase__listar(*args, **kwargs)</code>
--

<code>configurarFase(idp=None, idf=None)</code>

<code>modificarFase()</code>

<code>eliminarFase(idf=None, idp=None)</code>

<code>buscarFase(idp=None)</code>

Devuelve una lista de fases que coincidan con el nombre proporcionado

39.2 Variables

Name	Description
<code>c_fase</code>	Value: <code>ControllerFase()</code>
<code>c_proy</code>	Value: <code>ControllerProy()</code>
<code>__package__</code>	Value: <code>'app.vista'</code>

40 Module `app.vista.vistaItem`

Note: Clase que define la vista de Item

Author:

- Cristian Candia³¹
- Ruth Centurion³²
- Fernando Saucedo³³

40.1 Functions

listadoItemFase(<i>id</i>)

Devuelve un listado de todos los items de la fase pasada como parametro

itemFase(<i>id</i>=None)

listadoFases()

Devuelve un listado de todos los items de la fase pasada como parametro

listadoProyectos()

Devuelve un listado de todos los items de la fase pasada como parametro

itemProy()

nuevoItem()

40.2 Variables

Name	Description
<code>c_item</code>	Value: <code>ControllerItem()</code>
<code>c_proyecto</code>	Value: <code>ControllerProy()</code>
<code>c_fases</code>	Value: <code>ControllerFase()</code>
<code>__package__</code>	Value: <code>'app.vista'</code>

³¹<mailto:kandia88@gmail.com>

³²<mailto:ruthiccr@gmail.com>

³³<mailto:carlifer.fernando@gmail.com>

41 Module *app.vista.vistaPermiso*

Created on 03/05/2013

Author: cristian

41.1 Functions

```
permiso(*args, **kwargs)
```

```
crearPermiso(*args, **kwargs)
```

```
permiso__listar(*args, **kwargs)
```

41.2 Variables

Name	Description
c_permiso	Value: ControllerPermiso()
__package__	Value: 'app.vista'

42 Module *app.vista.vistaProyecto*

Created on 25/04/2013

Author: cristian

42.1 Functions

proy2 (*args, **kwargs)

Devuelve los datos de un Proyecto en Concreto

proyecto (*args, **kwargs)

crearProyecto (*args, **kwargs)
--

proy__listar (*args, **kwargs)

modificarProyecto ()

eliminarProy (id=None)

configurarProyecto (idp=None)

crearComite (idp=None)

asignarMiembros (*args, **kwargs)
--

asigUsrComite (*args, **kwargs)
--

buscarProyecto ()

Devuelve una lista de proyectos que coincidan con el nombre proporcionado

42.2 Variables

Name	Description
c_comite	Value: ControllerComite()
c_proy	Value: ControllerProy()
__package__	Value: 'app.vista'

43 Module *app.vista.vistaRol*

Created on 03/05/2013

Author: cristian

43.1 Functions

```
rol_proyFase(*args, **kwargs)
```

```
rol(*args, **kwargs)
```

```
crearRol(*args, **kwargs)
```

```
rol_listar(*args, **kwargs)
```

```
asignarRoles(*args, **kwargs)
```

```
asigUsrRol(*args, **kwargs)
```

```
asignarPermisos2(*args, **kwargs)
```

```
modificarRol(idf=None)
```

```
buscarRol(idu=None)
```

Devuelve una lista de roles que coincidan con el nombre proporcionado

```
eliminarRol(idr=None, idf=None)
```

43.2 Variables

Name	Description
c_rol	Value: ControllerRol()
c_usr	Value: ControllerUsr()
c_per	Value: ControllerPermiso()
__package__	Value: 'app.vista'

44 Module *app.vista.vistaTI*

Sigma_System

Organization: CRF_Proyect

Author:

- Cristian Candia³⁴
- Ruth Centurion³⁵
- Fernando Saucedo³⁶

44.1 Functions

TI (*args, **kwargs)

crearTI (idf=None, idp=None)

Vista para crear el Tipo de Item

Parameters

idf: id de la fase asociada.

idp: id del proyecto asociado.

modificarTI (idTI=None, idf=None, idp=None)
--

Vista que modifica un TipoItem.

eliminarTI (idTI=None, idf=None, idp=None)

Vista correspondiente a la eliminacion de un Tipo de Item

44.2 Variables

Name	Description
c_proy	Value: ControllerProy()
c_TI	Value: ControllerTI()
c_fase	Value: ControllerFase()
__package__	Value: 'app.vista'

³⁴<mailto:kandia88@gmail.com>

³⁵<mailto:ruthiccr@gmail.com>

³⁶<mailto:carlifer.fernando@gmail.com>

45 Module `app.vista.vistaUsuario`

Created on 26/04/2013

Author: cristian

45.1 Functions

<code>crearUsuario(*args, **kwargs)</code>
--

<code>modificarUsuario(*args, **kwargs)</code>
--

<code>eliminarUsuario(id=None)</code>

<code>recuperarPass()</code>

<code>busquedaPorNombre(nombre)</code>
--

Devuelve un listado de los usuarios que coincidan con un nombre

<code>buscarUsuario()</code>

Devuelve una lista de usuarios que coincidan con el nombre proporcionado
--

<code>helloWorld()</code>

<code>helloWorld2()</code>

45.2 Variables

Name	Description
<code>c_usr</code>	Vista para agregar un usuario Value: <code>ControllerUsr()</code>
<code>__package__</code>	Value: <code>'app.vista'</code>

46 Module asignarRol

Created on 17/05/2013

Author: cristian

46.1 Variables

Name	Description
user	Value: <User u'admin'>
rol	Value: <Rol u'Administrador Principal'>
c_usr	Value: ControllerUsr()
__package__	Value: None

47 Module config

Created on 14/04/2013

Authors: Cristian Candia, Ruth Centurion, Fernando Saucedo

47.1 Variables

Name	Description
CSRF_ENABLED	Value: True
SECRET_KEY	Value: 'you-will-never-guess'
basedir	Value: '/home/cristian/git/microblogRepo/microblog'
SQLALCHEMY_DATABASE_URI	Value: 'postgresql+psycopg2://cristian:usuario@localhost/app'
SQLALCHEMY_MIGRATE_REPO	Configuracion del correo del sistema Value: '/home/cristian/git/microblogRepo/microblog/db_repository'
MAIL_SERVER	Value: 'smtp.googlemail.com'
MAIL_PORT	Value: 465
MAIL_USE_TLS	Value: False
MAIL_USE_SSL	Value: True
MAIL_USERNAME	Value: 'sigmasystem21'
MAIL_PASSWORD	Value: 'useruser'
ADMINS	Value: ['carlifer.fernando@gmail.com', 'kandia88@gmail.com']
__package__	Value: None

48 Module db_create

Created on 19/04/2013

Author: cristian

49 Module db_migrate

Created on 19/04/2013

Author: cristian

49.1 Variables

Name	Description
migration	Value: '/home/cristian/git/microblogRepo/microblog/db_repository.'
old_model	Value: ...
script	Value: 'from sqlalchemy import *\nfrom migrate import *\n\nfro...
a	Value: None
__package__	Value: None

50 Package db_repository

50.1 Modules

- **manage** (*Section 51, p. 121*)
- **versions** (*Section 52, p. 122*)

50.2 Variables

Name	Description
__package__	Value: None

51 Module *db_repository.manage*

51.1 Variables

Name	Description
<code>__package__</code>	Value: <code>'db_repository'</code>

52 Package db_repository.versions

52.1 Variables

Name	Description
__package__	Value: None

53 Module db_upgrade

Created on 19/04/2013

Author: cristian

53.1 Variables

Name	Description
__package__	Value: None

54 Module deletePermisos

Created on 17/05/2013

Author: cristian

54.1 Variables

Name	Description
permisos	Value: [<Permiso u'Crear usuario'>, <Permiso u'Modificar usuario...>]
__package__	Value: None
p	Value: <Permiso u'Aprobar-rechazar solicitud de cambio'>

55 Module deleteRol

Sygma_System :organization:CRF_Proyect :author:Cristian Candia :author:Ruth Centurion :author:Fernando Saucedo

deleteRol.py

55.1 Variables

Name	Description
roles	Value: [<Rol u'Administrador Principal'>, <Rol u'Administrador P...
__package__	Value: None
r	Value: <Rol u'Administrador Principal'>

56 Module deleteUsr

Sygma_System :organization:CRF_Proyect :author:Cristian Candia :author:Ruth Centurion :author:Fernando Saucedo

deleteUsr.py

56.1 Variables

Name	Description
users	Value: [<User u'admin'>]
__package__	Value: None
u	Value: <User u'admin'>

57 Module run

Created on 14/04/2013

Author: cristian miguel

58 Script script-microblog_wsgi

58.1 Variables

Name	Description
__package__	Value: None

59 Script script-microblog_wsgi__

60 Script script-microdoc_txt

61 Script script-microdoc__txt__

62 Script script-ss_wsgi__

63 Module test

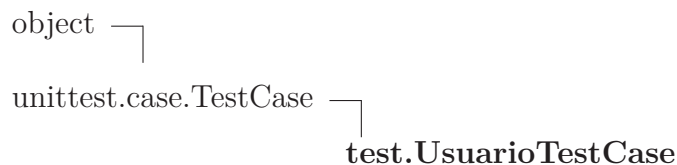
Created on 20/04/2013

Author: cristian

63.1 Variables

Name	Description
<code>__package__</code>	Value: None

63.2 Class *UsuarioTestCase*



63.2.1 Methods

setUp(*self*)

Hook method for setting up the test fixture before exercising it.

Overrides: `unittest.case.TestCase.setUp` `exitit`(inherited documentation)

tearDown(*self*)

Hook method for deconstructing the test fixture after testing it.

Overrides: `unittest.case.TestCase.tearDown` `exitit`(inherited documentation)

login(*self*, *nombre*, *password*)

test_login(*self*)

Inherited from `unittest.case.TestCase`

`__call__()`, `__eq__()`, `__hash__()`, `__init__()`, `__ne__()`, `__repr__()`, `__str__()`, `addCleanup()`, `addTypeEqualityFunc()`, `assertAlmostEqual()`, `assertAlmostEquals()`, `assertDictContainsSubset()`, `assertDictEqual()`, `assertEqual()`, `as-`

sertEquals(), assertFalse(), assertGreater(), assertGreaterEqual(), assertIn(), as-
 sertIs(), assertIsInstance(), assertIsNone(), assertIsNot(), assertIsNotNone(), as-
 sertItemsEqual(), assertLess(), assertLessEqual(), assertListEqual(), assertMulti-
 LineEqual(), assertNotAlmostEqual(), assertNotAlmostEquals(), assertNotEqual(),
 assertNotEquals(), assertNotIn(), assertNotIsInstance(), assertNotRegexpMatches(),
 assertRaises(), assertRaisesRegexp(), assertRegexpMatches(), assertSequenceEqual(),
 assertSetEqual(), assertTrue(), assertTupleEqual(), assert_(), countTestCases(),
 debug(), defaultTestResult(), doCleanups(), fail(), failIf(), failIfAlmostEqual(),
 failIfEqual(), failUnless(), failUnlessAlmostEqual(), failUnlessEqual(), failUnless-
 Raises(), id(), run(), setUpClass(), shortDescription(), skipTest(), tearDownClass()

Inherited from object

__delattr__(), __format__(), __getattr__(), __new__(), __reduce__(),
 __reduce_ex__(), __setattr__(), __sizeof__(), __subclasshook__()

63.2.2 Properties

Name	Description
<i>Inherited from object</i>	
__class__	

63.2.3 Class Variables

Name	Description
<i>Inherited from unittest.case.TestCase</i>	
longMessage, maxDiff	

64 Module testVarios1

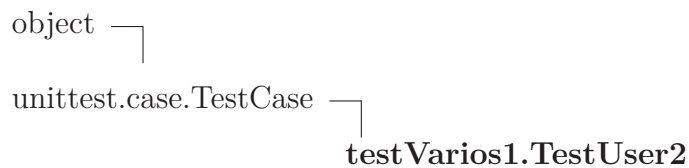
Created on 05/05/2013

Author: cristian

64.1 Variables

Name	Description
basedir	Value: '/home/cristian/git/microblogRepo/microblog'
__package__	Value: None

64.2 Class TestUser2



64.2.1 Methods

setUp(*self*)

Hook method for setting up the test fixture before exercising it.

Overrides: unittest.case.TestCase.setUp extit(inherited documentation)

testGuardar(*self*)

testModificarUsuario(*self*)

testCrearProyecto(*self*)

testModificarProyecto(*self*)

tearDown(*self*)

Hook method for deconstructing the test fixture after testing it.

Overrides: unittest.case.TestCase.tearDown exitit(inherited documentation)

Inherited from unittest.case.TestCase

__call__(), __eq__(), __hash__(), __init__(), __ne__(), __repr__(), __str__(), addCleanup(), addTypeEqualityFunc(), assertAlmostEqual(), assertAlmostEqual(), assertDictContainsSubset(), assertDictEqual(), assertEqual(), assertEquals(), assertFalse(), assertGreater(), assertGreaterEqual(), assertIn(), assertIs(), assertIsInstance(), assertIsNone(), assertIsNot(), assertIsNotNone(), assertItemsEqual(), assertLess(), assertLessEqual(), assertListEqual(), assertMultiLineEqual(), assertNotAlmostEqual(), assertNotAlmostEquals(), assertNotEqual(), assertNotEquals(), assertNotIn(), assertNotIsInstance(), assertNotRegexMatches(), assertRaises(), assertRaisesRegex(), assertRegexMatches(), assertSequenceEqual(), assertSetEqual(), assertTrue(), assertTupleEqual(), assert_(), countTestCases(), debug(), defaultTestResult(), doCleanups(), fail(), failIf(), failIfAlmostEqual(), failIfEqual(), failUnless(), failUnlessAlmostEqual(), failUnlessEqual(), failUnlessRaises(), id(), run(), setUpClass(), shortDescription(), skipTest(), tearDownClass()

Inherited from object

__delattr__(), __format__(), __getattr__(), __new__(), __reduce__(), __reduce_ex__(), __setattr__(), __sizeof__(), __subclasshook__()

64.2.2 Properties

Name	Description
<i>Inherited from object</i>	
__class__	

64.2.3 Class Variables

Name	Description
<i>Inherited from unittest.case.TestCase</i>	
longMessage, maxDiff	

65 Package testes

65.1 Modules

- **testVarios4:** Created on 05/05/2013
(Section 66, p. 138)

65.2 Variables

Name	Description
__package__	Value: None

66 Module testes.testVarios4

Created on 05/05/2013

Author: cristian

66.1 Variables

Name	Description
basedir	Value: '/home/cristian/git/microblogRepo/microblog/testes'
__package__	Value: 'testes'

66.2 Class TestUser2



66.2.1 Methods

setUp(*self*)

Hook method for setting up the test fixture before exercising it.

Overrides: unittest.case.TestCase.setUp extit(inherited documentation)

testGuardar(*self*)

tearDown(*self*)

Hook method for deconstructing the test fixture after testing it.

Overrides: unittest.case.TestCase.tearDown extit(inherited documentation)

Inherited from unittest.case.TestCase

__call__(), __eq__(), __hash__(), __init__(), __ne__(), __repr__(),
__str__(), addCleanup(), addTypeEqualityFunc(), assertAlmostEqual(), asser-
tAlmostEquals(), assertDictContainsSubset(), assertDictEqual(), assertEqual(), as-

sertEquals(), assertFalse(), assertGreater(), assertGreaterEqual(), assertIn(), as-
 sertIs(), assertIsInstance(), assertIsNone(), assertIsNot(), assertIsNotNone(), as-
 sertItemsEqual(), assertLess(), assertLessEqual(), assertListEqual(), assertMulti-
 LineEqual(), assertNotAlmostEqual(), assertNotAlmostEquals(), assertNotEqual(),
 assertNotEquals(), assertNotIn(), assertNotIsInstance(), assertNotRegexpMatches(),
 assertRaises(), assertRaisesRegexp(), assertRegexpMatches(), assertSequenceEqual(),
 assertSetEqual(), assertTrue(), assertTupleEqual(), assert_(), countTestCases(),
 debug(), defaultTestResult(), doCleanups(), fail(), failIf(), failIfAlmostEqual(),
 failIfEqual(), failUnless(), failUnlessAlmostEqual(), failUnlessEqual(), failUnless-
 Raises(), id(), run(), setUpClass(), shortDescription(), skipTest(), tearDownClass()

Inherited from object

__delattr__(), __format__(), __getattr__(), __new__(), __reduce__(),
 __reduce_ex__(), __setattr__(), __sizeof__(), __subclasshook__()

66.2.2 Properties

Name	Description
<i>Inherited from object</i>	
__class__	

66.2.3 Class Variables

Name	Description
<i>Inherited from unittest.case.TestCase</i>	
longMessage, maxDiff	

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