How to display an attribute of a foreign key in the Django admin page

Asked 8 years, 6 months ago   Active 7 months ago   Viewed 4k times

I want to display the level field of the `category` to which the `product` is related on the object's admin page.

```
class Category(models.Model):
    name = models.CharField(max_length=50, default=False)
    level = models.IntegerField(help_text="1, 2 ,3 or 4")

class Product(models.Model):
    category = models.ForeignKey(Category)
    name = models.CharField(max_length=100)


    prepopulated_fields = {'slug': ('name',)}
    fieldsets = [
        ('Product Info',{'fields': ['name', 'slug','partno','description']}),
        ('Categorisation',{'fields': ['brand','category']}),
```

I have found references to list_filter, but nothing regarding how to show the field.

Does anyone know how to do this?

django   model   django-admin

edited Jun 27 '19 at 20:43   asked Aug 10 '11 at 10:03

user10755417   bytejunkie
                                                829   11   25

Define a method on the ModelAdmin class which returns the value of the related field, and include that in `list_display` .

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```python
class ProductAdmin(admin.ModelAdmin):
    list_display = ('name', 'level')
    model = Product

    def level(self, obj):
        return obj.category.level
```

answered Aug 15 '11 at 9:14

[Daniel Roseman](#)
499k 49 646 701

In your admin.py file

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```python
class ProductAdmin(admin.ModelAdmin):
    list_display = ('name', 'category__level', 'category')

admin.site.register(Product, ProductAdmin)
```

Try this.............

answered Aug 10 '11 at 10:34

[Priyank Patel](#)
3,109 15 20

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im trying to show the category level inside the product listing, not on the product index page. also, you can't do this unless the item you're trying to add is a callable or an attribute, which is easy to fix with a model method... but not quite what im trying to do. – [bytejunkie](#) Aug 10 '11 at 11:01

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▽

```python
class Category(models.Model):
    name = models.CharField(max_length=50, default=False)
    level = models.IntegerField(help_text="1, 2 ,3 or 4")

    def __unicode__(self):
        return u'%s [%d]' % (self.name, self.level)
```

So the select box will show it.

answered Aug 10 '11 at 10:30

rewritten
13.7k   2   36   46

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not a bad workaround and one i will have to adopt if there isn't a correct way of doing what I'm trying to do. –   bytejunkie   Aug 10 '11 at 11:01

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