

Django

admin



План

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- кастомизация на уровне шаблонов



Models to admin

```
admin.site.register(Student)
```

```
class StudentAdmin(admin.ModelAdmin):  
    pass
```

```
admin.site.register(Student, StudentAdmin)
```

```
@admin.register(Student)  
class StudentAdmin(admin.ModelAdmin):  
    pass
```



Admin - options - item view

```
@admin.register(Student)
class StudentAdmin(admin.ModelAdmin):
    fields = ['name', 'surname']
    exclude = ['surname']
    filter_vertical = ['courses']
    filter_horizontal = ['courses']
    radio_fields = {"package": admin.HORIZONTAL}
    raw_id_fields = ['group']
    readonly_fields = ['package']
    save_as = True
    save_on_top = True
```



Admin - options - item view

```
@admin.register(Student)
class StudentAdmin(admin.ModelAdmin):
    formfield_overrides = {
        models.DateField:
            {'widget': widgets.TextInput},
    }
    prepopulated_fields = {"slug": ("name",)}
```



Admin - item view - inlines

```
class StudienInline(admin.  
StackedInline):  
    model = Student
```

```
@admin.register(Group)  
class GroupAdmin(admin.ModelAdmin):  
    inlines = [StudienInline]
```



Admin - item view - field sets

```
@admin.register(Student)
class StudentAdmin(admin.ModelAdmin):
    fieldsets = [
        (None, {'fields': ['name', 'surname']}),
        ('More information',
         {'fields': ['email'],
          'classes': ['collapse']}),
    ]
```



Admin - options - list view

```
@admin.register(Student)
class StudentAdmin(admin.ModelAdmin):
    actions_on_top = True
    actions_on_bottom = False
    date_hierarchy = 'date_of_birth'
    list_display = ['name', 'package']
    list_display_links = ['name']
    list_max_show_all = 200
    list_per_page = 20
    ordering = ['package', 'name']
```



Admin - options - list view

```
@admin.register(Student)
class StudentAdmin(admin.ModelAdmin):
    list_filter = ['package', 'group',
                  'courses', 'courses__start_date']
    search_fields = ['name', 'group__name']
```



Admin - options - list view - edit

```
@admin.register(Student)
class StudentAdmin(admin.ModelAdmin):
    list_editable = ['package']
```



Admin - внешний вид

Шаблоны админки внутри `app contrib.admin`
`templates/admin/`

- `base.html`
- `base_site.html`
- `index.html`

`templates/admin/app_name/model_name`

- `app_index.html`
- `change_form.html`
- `change_list.html`



Admin - конфигурация всей админки

```
from django.contrib.admin import AdminSite
```

```
class PBAdminSite(AdminSite):  
    site_header = 'PyBursa admin'  
    site_title = 'PyBursa Title'  
    index_title = 'PyBursa Index'  
    index_template = 'admin/index.html'
```

```
pb_admin_site = PBAdminSite(name='pybursaadmin')
```

```
urlpatterns = patterns('',  
    (r'^pbadmin/', include(admin_site.urls)),  
)
```

