

msaSDK Module

.auth.admin

Classes

GroupAdmin

Bases: `ModelAdmin`

Admin Group object

Attributes

group_schema `class-attribute`

```
group_schema = None
```

link_model_fields `class-attribute`

```
link_model_fields = [Group.roles]
```

model `class-attribute`

```
model = Group
```

page_schema `class-attribute`

```
page_schema = PageSchema(  
    label=_("Group"), icon="fa fa-group"  
)
```

readonly_fields `class-attribute`

```
readonly_fields = ['key']
```

PermissionAdmin

Bases: `ModelAdmin`

Admin Permission object

Attributes

`group_schema` class-attribute

```
group_schema = None
```

`model` class-attribute

```
model = Permission
```

`page_schema` class-attribute

```
page_schema = PageSchema(  
    label=_("Permission"), icon="fa fa-lock"  
)
```

`readonly_fields` class-attribute

```
readonly_fields = ['key']
```

RoleAdmin

Bases: `ModelAdmin`

Admin Role object

Attributes

`group_schema` class-attribute

```
group_schema = None
```

`link_model_fields` class-attribute

```
link_model_fields = [Role.permissions]
```

`model` class-attribute

```
model = Role
```

page_schema class-attribute

```
page_schema = PageSchema(
    label=_("Role"), icon="fa fa-group"
)
```

readonly_fields class-attribute

```
readonly_fields = ['key']
```

UserAdmin

Bases: ModelAdmin

The User Admin object from the AuthAdminSite

Attributes

exclude class-attribute

```
exclude = ['password']
```

group_schema class-attribute

```
group_schema = None
```

link_model_fields class-attribute

```
link_model_fields = [User.roles, User.groups]
```

model class-attribute

```
model: Type[BaseUser] = None
```

page_schema class-attribute

```
page_schema = PageSchema(label=_("User"), icon="fa fa-user")
```

search_fields class-attribute

```
search_fields = [User.username]
```

Functions

on_create_pre async

```
on_create_pre(
    request: Request, obj, **kwargs
) -> Dict[str, Any]
```

on_update_pre async

```
on_update_pre(
    request: Request, obj, item_id: List[int], **kwargs
) -> Dict[str, Any]
```

UserInfoFormAdmin

Bases: FormAdmin

The default User Info Form from the AuthAdminSite

Attributes

form class-attribute

```
form = Form(mode=DisplayModeEnum.horizontal)
```

form_init class-attribute

```
form_init = True
```

group_schema class-attribute

```
group_schema = None
```

page class-attribute

```
page = Page(title=_('User Profile'))
```

page_path class-attribute

```
page_path = '/userinfo'
```

page_route_kwargs class-attribute

```
page_route_kwargs = {'name': 'userinfo'}
```

page_schema class-attribute

```
page_schema = None
```

schema class-attribute

```
schema: Type[MSABaseModel] = None
```

schema_submit_out class-attribute

```
schema_submit_out: Type[BaseUser] = None
```

user_model class-attribute

```
user_model: Type[BaseUser] = User
```

Functions

get_form async

```
get_form(request: Request) -> Form
```

get_init_data async

```
get_init_data(
    request: Request, **kwargs
) -> MSACRUDOut[Any]
```

handle async

```
handle(
    request: Request, data: MSABaseModel, **kwargs
) -> MSACRUDOut[Any]
```

has_page_permission async

```
has_page_permission(request: Request) -> bool
```

UserLoginFormAdmin

Bases: `FormAdmin`, `ABC`

The default User Login Form from the AuthAdminSite

Attributes

`page` class-attribute

```
page = Page(title=_('User Login'))
```

`page_parser_mode` class-attribute

```
page_parser_mode = 'html'
```

`page_path` class-attribute

```
page_path = '/login'
```

`page_route_kwargs` class-attribute

```
page_route_kwargs = {'name': 'login'}
```

`page_schema` class-attribute

```
page_schema = None
```

`schema` class-attribute

```
schema: Type[MSABaseModel] = None
```

`schema_submit_out` class-attribute

```
schema_submit_out: Type[UserLoginOut] = None
```

Functions

`get_form` async

```
get_form(request: Request) -> Form
```

get_page async

```
get_page(request: Request) -> Page
```

handle async

```
handle(
    request: Request, data: MSABaseModel, **kwargs
) -> MSACRUDOut[MSABaseModel]
```

has_page_permission async

```
has_page_permission(request: Request) -> bool
```

route_page property

```
route_page() -> Callable
```

route_submit property

```
route_submit()
```

UserRegFormAdmin

Bases: FormAdmin, ABC

The default User Registration Form from the AuthAdminSite

Attributes

page class-attribute

```
page = Page(title=_('User Register'))
```

page_parser_mode class-attribute

```
page_parser_mode = 'html'
```

page_path class-attribute

```
page_path = '/reg'
```

page_route_kwargs class-attribute

```
page_route_kwargs = {'name': 'reg'}
```

page_schema class-attribute

```
page_schema = None
```

schema class-attribute

```
schema: Type[MSABaseModel] = None
```

schema_submit_out class-attribute

```
schema_submit_out: Type[UserLoginOut] = None
```

user_model class-attribute

```
user_model: Type[BaseUser] = User
```

Functions

get_form async

```
get_form(request: Request) -> Form
```

get_page async

```
get_page(request: Request) -> Page
```

handle async

```
handle(
    request: Request, data: MSABaseModel, **kwargs
) -> MSACRUDOut[MSABaseModel]
```

has_page_permission async


```
has_page_permission(request: Request) -> bool
```

route_submit property

```
route_submit()
```

Functions

attach_page_head

```
attach_page_head(page: Page) -> Page
```

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