

# msaSDK Module

## **.admin.utils.fields**

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### Classes

### Functions

#### Field

```
Field(  
    default: Any = Undefined,  
    *,  
    default_factory: Optional[NoArgAnyCallable] = None,  
    alias: str = None,  
    title: str = None,  
    description: str = None,  
    exclude: Union[  
        AbstractSet[Union[int, str]],  
        Mapping[Union[int, str], Any],  
        Any,  
    ] = None,  
    include: Union[  
        AbstractSet[Union[int, str]],  
        Mapping[Union[int, str], Any],  
        Any,  
    ] = None,  
    const: bool = None,  
    gt: float = None,  
    ge: float = None,  
    lt: float = None,  
    le: float = None,  
    multiple_of: float = None,  
    min_items: int = None,  
    max_items: int = None,  
    min_length: int = None,  
    max_length: int = None,  
    allow_mutation: bool = True,  
    regex: str = None,  
    primary_key: bool = False,  
    foreign_key: Optional[Any] = None,  
    unique: bool = False,  
    nullable: Union[bool, UndefinedType] = Undefined,  
    index: Union[bool, UndefinedType] = Undefined,  
    sa_column: Union[Column, UndefinedType] = Undefined,
```

```
sa_column_args: Union[
    Sequence[Any], UndefinedType
] = Undefined,
sa_column_kwargs: Union[
    Mapping[str, Any], UndefinedType
] = Undefined,
schema_extra: Optional[Dict[str, Any]] = None,
msa_ui_form_item: Union[FormItem, dict, str] = None,
msa_ui_filter_item: Union[FormItem, dict, str] = None,
msa_ui_table_column: Union[
    TableColumn, dict, str
] = None
) -> Any
```

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