

# msaSDK Module

## **.db.crud.utils**

---

## Attributes

**\_\_version\_\_** module-attribute

```
__version__ = '0.1.1'
```

## Classes

## Functions

### paginator\_factory

```
paginator_factory(  
    perPage_max: Optional[int] = None,  
) -> Type[MSACRUDPaginator]
```

### parser\_item\_id

```
parser_item_id(  
    item_id: str = Path(  
        Ellipsis,  
        min_length=1,  
        title="pk",  
        example="1,2,3",  
        description="Primary key or list of primary keys",  
    )  
    ) -> List[str]
```

### parser\_str\_set\_list

```
parser_str_set_list(set_str: Union[int, str]) -> List[str]
```

## schema\_create\_by\_modelfield

```
schema_create_by_modelfield(  
    schema_name: str,  
    modelfields: Iterable[ModelField],  
    *,  
    set_none: bool = False,  
    namespaces: Dict[str, Any] = None,  
    extra: Extra = Extra.ignore,  
    **kwargs  
) -> Type[BaseModel]
```

## schema\_create\_by\_schema

```
schema_create_by_schema(  
    schema_cls: Type[BaseModel],  
    schema_name: str,  
    *,  
    include: Set[str] = None,  
    exclude: Set[str] = None,  
    set_none: bool = False,  
    **kwargs  
) -> Type[BaseModel]
```

## validator\_skip\_blank

```
validator_skip_blank(  
    cls,  
    v,  
    config: BaseConfig,  
    field: ModelField,  
    *args,  
    **kwargs  
)
```

---

Last update: September 13, 2022

Created: September 13, 2022