msaSDK Module

.db.crud.parser

Attributes

SQLModelField [module-attribute]

```
SQLModelField = Union[str, InstrumentedAttribute]
```

SQLModelListField module-attribute

```
SQLModelListField = Union[Type[SQLModel], SQLModelField]
```

Classes

MSASQLModelFieldParser

Attributes

default_model [instance-attribute]

```
default_model = default_model
```

Functions

__init__

```
__init__(default_model: Type[SQLModel])
```

conv_row_to_dict

```
conv_row_to_dict(
    rows: Union[Row, List[Row]]
```

```
) -> Union[None, Dict[str, Any], List[Dict[str, Any]]]
```

sqlalchemy row to dict

filter_insfield

```
filter_insfield(
    fields: Iterable[Union[SQLModelListField, Any]],
    save_class: Tuple[type] = None,
) -> List[Union[InstrumentedAttribute, Any]]
```

get_alias

```
get_alias(
    field: Union[Column, SQLModelField, Label]
) -> str
```

get_column

```
get_column(field: SQLModelField) -> Optional[Column]
```

sqlalchemy Column

get_insfield

```
get_insfield(
    field: SQLModelField,
) -> Optional[InstrumentedAttribute]
```

get_modelfield

```
get_modelfield(
   field: Union[ModelField, SQLModelField],
   deepcopy: bool = False,
) -> Optional[ModelField]
```

pydantic ModelField

get_name

```
get_name(field: InstrumentedAttribute) -> str
```

get_row_keys

```
get_row_keys(row: Row) -> List[str]

sqlalchemy row keys

get_select_keys

get_select_keys(stmt: Select) -> List[str]

sqlalchemy select keys

get_sqlmodel_insfield

get_sqlmodel_insfield(
    model: Type[SQLModel],
) -> List[InstrumentedAttribute]

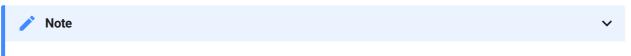
Excluding the relationship field
```

Functions

get_python_type_parse cached

```
get_python_type_parse(
    field: Union[InstrumentedAttribute, Column]
) -> Callable
```

This function returns a cached instance of the Python Type Callable object.



 $\label{lem:caching} \textbf{Caching is used to prevent re-reading the environment every time the object is used.}$

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