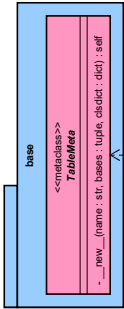


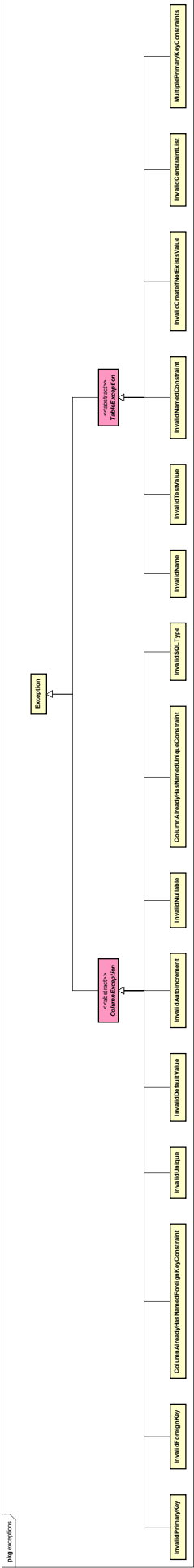
Column

- data_type: SQLType
- unnamed_foreign_key: ForeignKey | None
- unnamed_primary_key: bool
- auto_increment: bool
- auto_increment: dict
- nullable: bool
- nullable: bool
- default: Any
- unnamed_constraints_repr: tuple
- unnamed_constraints: list[ForeignKeyConstraint] | None
- named_foreign_key: ForeignKeyConstraint | None
- named_unique: bool
- init: (data_type: SQLType, foreign_key: ForeignKey | None = None, primary_key: bool = False, auto_increment: str | None = None, nullable: bool = False, unique: bool = False, default: Any = None): None
- validate_data_type(data_type: SQLType): None
- is_data_type_valid(data_type: SQLType): bool
- validate_unnamed_fk(foreign_key: ForeignKey | None): None
- is_foreign_key_valid(foreign_key: ForeignKey | None): bool
- is_foreign_key_valid(foreign_key: ForeignKey | None): bool
- is_foreign_key_valid(foreign_key: ForeignKey | None): bool
- validate_auto_increment(auto_increment: str | None): None
- is_auto_increment_valid(auto_increment: str | None): bool
- validate_nullable(nullable: bool): None
- is_nullable_valid(nullable: bool): bool
- validate_unique(unique: bool): None
- is_unique_valid(unique: bool): bool
- is_default_value_valid(default: Any): bool
- handle_data_type(data_type: SQLType): SQLType
- handle_auto_increment(auto_increment: str): str
- define_unnamed_constraints_if_wrong(): None
- set_nullable_if_wrong(): None
- set_constraints_if_wrong(): None
- get_auto_increment_constraint_repr(): str | None
- get_nullable_constraint_repr(): str | None
- get_unique_constraint_repr(): str | None
- get_default_value_constraint_repr(): str | None
- get_constraints(owner: type, name: str): None
- str: str
- define_primary_key_from_named_constraint(): None
- define_foreign_key_from_named_constraint(fk_const: ForeignKeyConstraint): None
- define_unique_from_named_constraint(): None
- is_primary_key_named(): bool
- is_foreign_key_named(): bool
- named: str
- data_type: SQLType
- foreign_key: ForeignKey | ForeignKeyConstraint | @property
- primary_key: bool
- auto_increment: bool
- auto_increment: @property
- nullable: bool
- nullable: @property
- default: Any
- default: @property

Table

- tablename: str | None = None
- constraints: list[NamedConstraint] | None = None
- tables: list[Table] = []
- name: str
- test: bool
- create_if_not_exists: bool
- init: (create_if_not_exists: bool = False, test: bool = False): None
- validate_name(name: str): None
- is_name_valid(name: str): bool
- is_name_valid(name: str): bool
- is_bool(value: Any): bool
- validate_create_if_not_exists(create_if_not_exists: bool): None
- is_constraint_list_valid(constraints: list[NamedConstraint]): bool
- are_there_multiple_pk_constraints(constraints: list[NamedConstraint]): bool
- set_named_constraints_on_columns(constraints: list[NamedConstraint]): None
- set_named_primary_key_on_column(const: str | list[str]): None
- set_named_foreign_key_on_column(fk_const: ForeignKeyConstraint): None
- set_named_unique_on_column(const: str): None
- str: str
- all_tables: list[Table]
- create_query_all_tables: str
- tablename: str
- columns: list[Column]
- primary_key: list[Column]
- named_constraints: list[NamedConstraint]
- test: bool
- @property





Exception

exceptions

SQLException
ColumnException

SQLException
TableException

InvalidDefaultValue

InvalidPrimaryKey

ColumnAlreadyHasNameSelfPrimaryKeyConstraint

InvalidNullTable

InvalidSQLType

InvalidForeignKey

InvalidAutoIncrement

InvalidUnique

ColumnAlreadyHasNameUniqueConstraint

InvalidConstraintList

InvalidNamedConstraint

MultiplePrimaryKeysConstraint

InvalidCreateAndNotCreatableValue

InvalidName

InvalidTableName

Column

Table

<table>
<column>
<table>
<table>

Table