iuap單表後端產生器

Link:

取得 table schema

```sql
SELECT UPPER(' ['+ C.NAME+'] ') AS 'COLUMN_NAME',
       UPPER(' ['+T.NAME+'] ') AS 'TYPE'
FROM SYS.COLUMNS C
LEFT JOIN
  (
    SELECT A.NAME,
           A.SYSTEM_TYPE_ID
    FROM SYS.TYPES A
    WHERE A.NAME <> 'SYSNAME'
  )T ON T.SYSTEM_TYPE_ID = C.SYSTEM_TYPE_ID
WHERE C.OBJECT_ID = OBJECT_ID('MTAD_STEEL_SERIES') --_TABLE_NAME
```

以上方 SQL 取得表格的 column name 跟 type, 最後一行 OBJECT_ID 為 table 名稱, 結果如下

```sql
SELECT UPPER(' ['+ C.NAME+'] ') AS 'COLUMN_NAME',
       UPPER(' ['+T.NAME+'] ') AS 'TYPE'
FROM SYS.COLUMNS C
LEFT JOIN
  (
    SELECT A.NAME,
           A.SYSTEM_TYPE_ID
    FROM SYS.TYPES A
    WHERE A.NAME <> 'SYSNAME'
  )T ON T.SYSTEM_TYPE_ID = C.SYSTEM_TYPE_ID
WHERE C.OBJECT_ID = OBJECT_ID('MTAD_STEEL_SERIES')
```

100 %

結果 | 訊息

	COLUMN_NAME	TYPE
1	[CREATE_TIME]	[VARCHAR]
2	[CREATE_USER]	[VARCHAR]
3	[LAST_MODIFIED]	[VARCHAR]
4	[LAST_MODIFY_USER]	[VARCHAR]
5	[BPM_STATE]	[DECIMAL]
6	[TS]	[VARCHAR]
7	[DR]	[DECIMAL]
8	[TENANT_ID]	[VARCHAR]
9	[ID]	[CHAR]
10	[CODE]	[VARCHAR]
11	[NAME]	[NVARCHAR]

將下方結果全選複製貼到 # Table Schema 欄位

設定專案資訊

Table Name

MTAD_STEEL_SERIES

Table Schema

```
[CREATE_USER]      [VARCHAR]
[LAST_MODIFIED]    [VARCHAR]
[LAST_MODIFY_USER]     [VARCHAR]
[BPM_STATE]   [DECIMAL]
[TS]          [VARCHAR]
[DR]          [DECIMAL]
[TENANT_ID]   [VARCHAR]
[ID]          [CHAR]
[CODE]    [VARCHAR]
[NAME]    [NVARCHAR]
```

Package Name

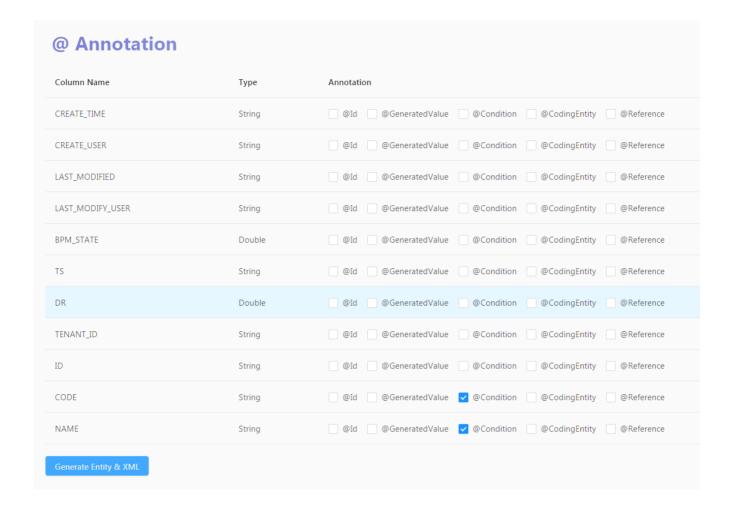com.walsin.ytmes.mta

Project Name

steelseries

Submit

- Table Name : 表格名稱
- Table Schema : 上一步驟的結果內容, 以中括號分割
- Package Name : BJ4
- Project Name : BJ4

點下方 Submit 按鈕設定欄位註解

設定**Entity**欄位註解

@ Annotation

Column Name	Type	Annotation				
CREATE_TIME	String	☐ @Id	☐ @GeneratedValue	☐ @Condition	☐ @CodingEntity	☐ @Reference
CREATE_USER	String	☐ @Id	☐ @GeneratedValue	☐ @Condition	☐ @CodingEntity	☐ @Reference
LAST_MODIFIED	String	☐ @Id	☐ @GeneratedValue	☐ @Condition	☐ @CodingEntity	☐ @Reference
LAST_MODIFY_USER	String	☐ @Id	☐ @GeneratedValue	☐ @Condition	☐ @CodingEntity	☐ @Reference
BPM_STATE	Double	☐ @Id	☐ @GeneratedValue	☐ @Condition	☐ @CodingEntity	☐ @Reference
TS	String	☐ @Id	☐ @GeneratedValue	☐ @Condition	☐ @CodingEntity	☐ @Reference
DR	Double	☐ @Id	☐ @GeneratedValue	☐ @Condition	☐ @CodingEntity	☐ @Reference
TENANT_ID	String	☐ @Id	☐ @GeneratedValue	☐ @Condition	☐ @CodingEntity	☐ @Reference
ID	String	☐ @Id	☐ @GeneratedValue	☐ @Condition	☐ @CodingEntity	☐ @Reference
CODE	String	☐ @Id	☐ @GeneratedValue	☑ @Condition	☐ @CodingEntity	☐ @Reference
NAME	String	☐ @Id	☐ @GeneratedValue	☑ @Condition	☐ @CodingEntity	☐ @Reference

Generate Entity & XML

勾選需要的 annotation,

ps: ID, TENAMT_ID 寫死不用勾

點下方按鈕產生後端代碼

Entity 會多建立者的參照供前端顯示使用

```java
    // 建立者,使用參照
    @Column(name = "create_user")
    @Condition
    @Reference(code = "wbUser", srcProperties = { "refname" }, desProperties = {
"createUserName" })
    private String createUser;

    public String getCreateUser() {
        return createUser;
    }

    public void setCreateUser(String createUser) {
        this.createUser = createUser;
```

```java
    }

    // 建立者 Name
    @Transient
    private String createUserName;

    public String getCreateUserName() {
        return createUserName;
    }

    public void setCreateUserName(String createUserName) {
        this.createUserName = createUserName;
    }

    // 修改者,使用參照
    @Column(name = "last_modify_user")
    @Condition
    @Reference(code = "wbUser", srcProperties = { "refname" }, desProperties = {
"lastModifyUserName" })
    private String lastModifyUser;

    public String getLastModifyUser() {
        return lastModifyUser;
    }

    public void setLastModifyUser(String lastModifyUser) {
        this.lastModifyUser = lastModifyUser;
    }

    // 修改者 Name
    @Transient
    private String lastModifyUserName;

    public String getLastModifyUserName() {
        return lastModifyUserName;
    }

    public void setLastModifyUserName(String lastModifyUserName) {
        this.lastModifyUserName = lastModifyUserName;
    }
```

Happy Hunting!

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