

實現 DataTable 對映成 Model 的小工具

一、使用框架實作小工具：

- 1.輕量級 ORM - Dapper
2. Windows Forms App (.NET Framework)

二、小工具介紹：

在系統介接的時候，多少會有新舊系統或是資料轉換上的需求或是使用第三方 ORM 框架(如 Dapper)，例如舊的 DB 的 Table 到新的 DB 的 Table 並沒有完全對開使用一樣的欄位資訊，此時需要自己手動建置 Model，當欄位比較多時，還有可能會打錯，也很耗時比對，於是想開發直接從 Db 抓取 Table 的欄位產出 Model 使用，省時及避免人手建置錯誤。

三、小工具操作：

1. 填寫資料庫連線資訊，必填資料未填寫會跳提示

The screenshot shows a Windows application window titled "產Model". Inside, there's a section titled "Db連線資訊" (Database Connection Information). It contains several input fields: "IP" (with a hint "ex : 11.111.111.111,2011"), "ID", "PASSWORD", "Db Name", and "Table Name". There are also buttons for "測試連線" (Test Connection) and "產Model". A modal dialog box is open, displaying the following error message: "IP未填寫! ID未填寫! 密碼未填寫! DbName未填寫!" (IP not filled! ID not filled! Password not filled! DbName not filled!). At the bottom of the dialog is a "確定" (OK) button.

2.可以測是否有K E Y 錯連線訊息



3.產置前先判斷連線是否有誤，成功後，將 DataTable 產的 Model 貼至程式中

The screenshot shows a Windows application window titled "產Model". The window is divided into two main sections. The top section, titled "Db連線資訊" (Database Connection Information), contains input fields for "IP", "ID", "PASSWORD", and "Db Name". The "IP" field has a placeholder example "ex : 11.111.111.111,2011". Below these fields is a "Table Name" field containing "TRANS1". To the right of the "Table Name" field are two buttons: "測試連線" (Test Connection) and "產Model" (Generate Model). The bottom section of the window displays a C# code block for a class named "TRANS1". The code defines several public string properties with get and set methods.

Db連線資訊

IP ex : 11.111.111.111,2011

ID

PASSWORD

Db Name

Table Name

```
public class TRANS1
{
    public string STOCK_OUT { get; set; }
    public string TRANS_NO { get; set; }
    public string STOCK_IN { get; set; }
    public string STOCKIN_NO { get; set; }
    public string TRANS_CODE { get; set; }
    public string OUT_ADD_SALE { get; set; }
    public string IN_SUBTRACT_SALE { get; set; }
    public string OUT_SUBTRACT_CURRENT { get; set; }
    public string IN_ADD_CURRENT { get; set; }
    public string TRANS_DATE { get; set; }
    public string TRANS_TYPE { get; set; }
    public string REASON_NO { get; set; }
    public string REASON_NAME { get; set; }
    public string KEYIN_DATE { get; set; }
}
```