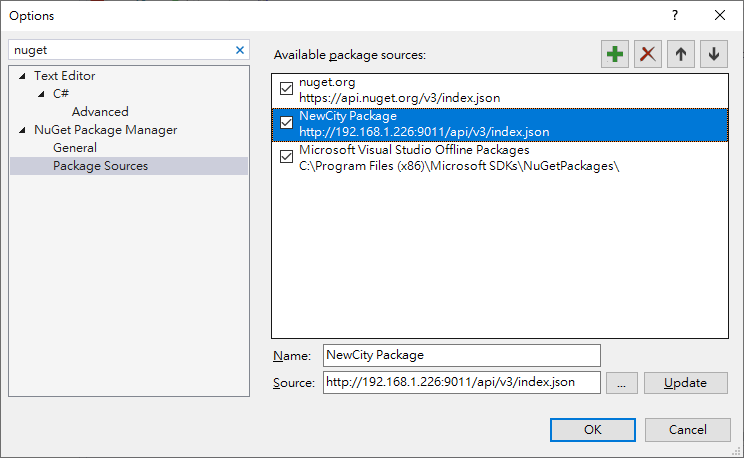
* 資料庫連線

1. **DataBase：MraiaDB Cluster**
2. **連線字串：**"server=192.168.1.226;database=PMERP;Persist Security Info=False;uid=itlife;pwd=1qaz@WSX"
3. **SQL工具：HeidiSQL**

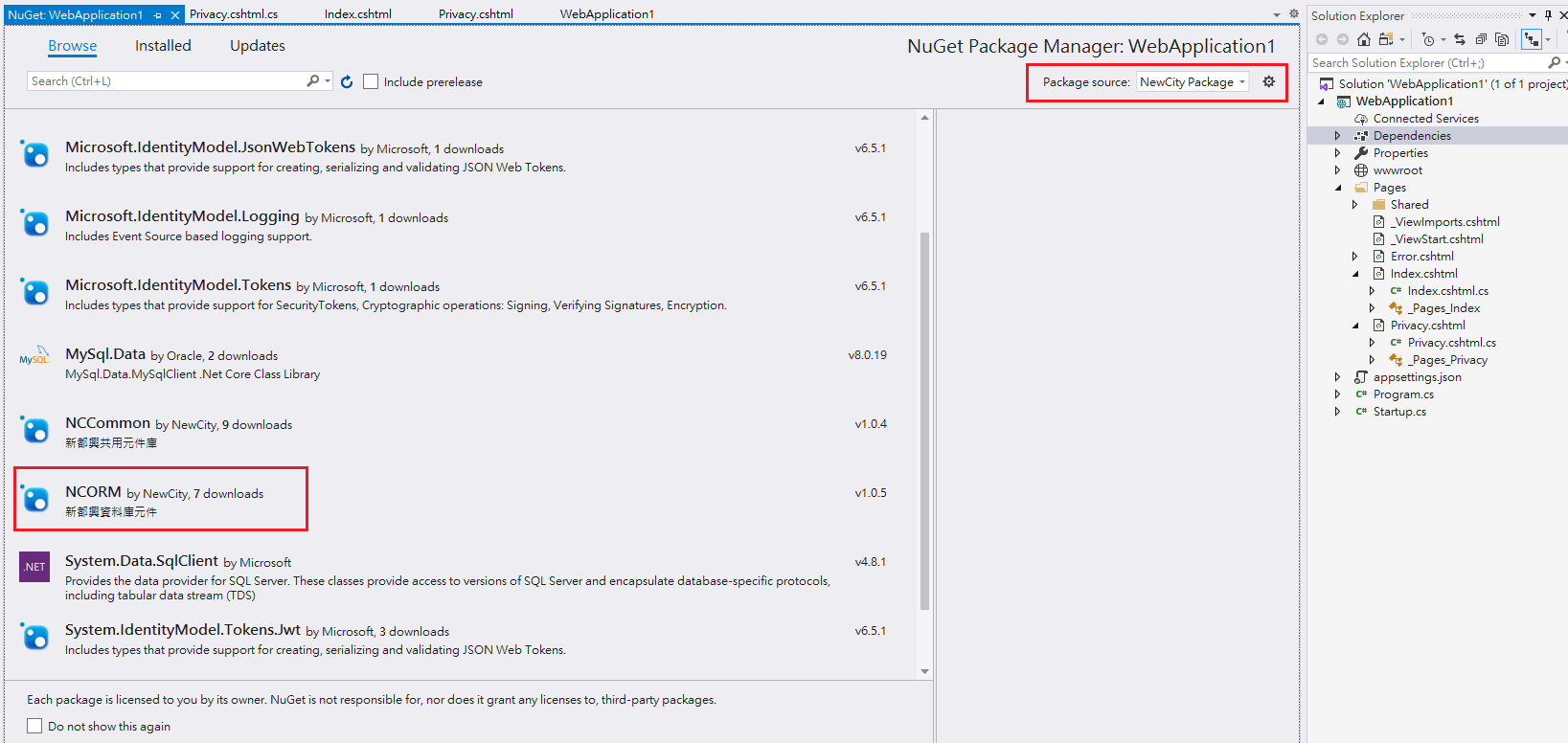
* ORM使用方式

**1.在Vistual Studio中加入套件來源參考：**



外網請連http://60.249.15.96:8111/api/v3/index.json

**2.專案中安裝套件**



**3. 使用範例**

static void Main(string[] args)

{

/////////單一資料表操作/////////

//宣告DB實體

DBEntity dBEntity = new DBEntity(DBType.MySql, "server=192.168.1.xxx;database=PMERP;Persist Security Info=False;uid=qq;pwd=xx");

//宣告欲查詢資料表類別

User u = new User()

{

//給定查詢key值,或給定其他欄位條件

Id = Guid.Parse("97d52e4c-8472-11ea-a6ce-1ab29814667c")

};

//宣告資料表操作類別

TableEntity<User> userTable = new TableEntity<User>(dBEntity);

//查詢

var result = userTable.Select(u);

foreach (User \_user in result)

{

//do job

}

//更新單筆

result[0].Name = "NewName";

userTable.Update(result[0]);

//更新多筆

result[0].Name = "NewName";

result[1].Name = "NewName";

userTable.Update(result);

//刪除單筆

userTable.Delete(result[0]);

//刪除多筆

userTable.Delete(result);

/////////多資料表操作/////////

//自訂SQL查詢;

QueryCmd qc = new QueryCmd(DBType.MySql, "server=192.168.1.226;database=PMERP;Persist Security Info=False;uid=qq;pwd=xx");

var result = await qc.GetQueryResult("select Id,Path,Name from File");

foreach (var r in result)

{

Console.WriteLine($"Id={r.Id}, Path={r.Path}, Name={r.Name}");

}

}

**4.Model的繼承與覆寫**

## 宣告自訂類別FileInfoData繼承至ORM的File Model

[Table("File")] //指定此自訂類對應到的資料表名稱

public class FileInfoData : File //繼承ORM的model

{

/// <summary>

/// Token是否有效

/// </summary>

[JsonIgnore] //輸出JSON時忽略

[IgnoreDataMember] //此屬性為AP端的自訂欄位，設定ORM略過此項目

public bool TokenValid { get; set; }

[JsonPropertyName("File\_Id")] //複寫父類別用以修改輸出JSON的名稱

public override Guid Id { get => base.Id; set => base.Id = value; }

## }

## 5.其餘範本請參考NewCityWebAPITemplate程式碼