www.PragimTech.com

Pragim@PragimTech.com

Part 67 – Alter database table columns without dropping table

Venkat
PRAGIM Technologies
kudvenkat@gmail.com
http://csharp-video-tutorials.blogspot.com

In this session we will learn

- Alter database table columns without dropping table

SQL Server Video Series

Part 64 - Replacing cursors using joins
Part 65 - List all tables in a sql server database using a query
Part 66 - Writing re-runnable sql server scripts

Link to Dot Net Basics, ASP.NET, C#, ADO.NET and SQL Server video series
http://www.youtube.com/user/kudvenkat/videos?view=1

PRAGIM Technologies | 9900113931 | www.pragimtech.com | www.facebook.com/pragimtech
http://csharp-video-tutorials.blogspot.com

Alter columns without dropping table

Column Name	Data Type	Allow Nulls
ID	int	☐
Name	nvarchar(50)	☑
Gender	nvarchar(50)	☑
Salary	nvarchar(50)	☑

→

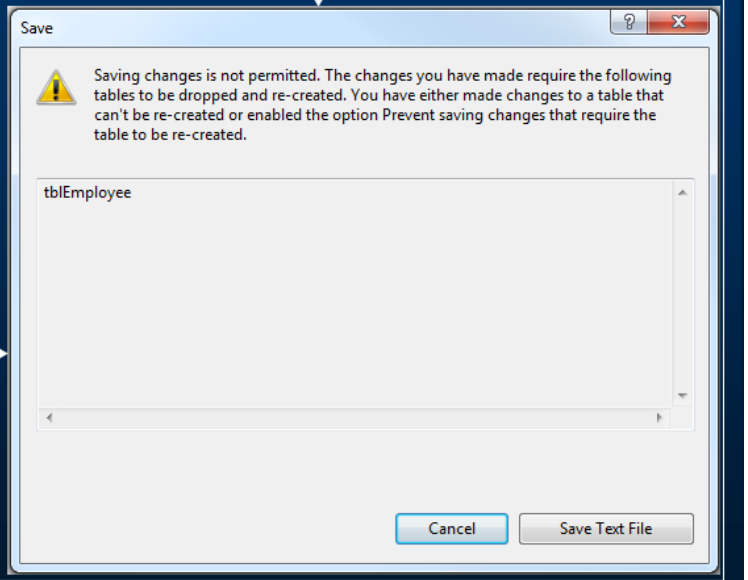
Column Name	Data Type	Allow Nulls
ID	int	☐
Name	nvarchar(50)	☑
Gender	nvarchar(50)	☑
Salary	int	☑

↓

Gender	Total
Female	10700
Male	15000

By default, changing Salary column data type from NVARCHAR(50) to INT using the designer is not allowed. You will get an error as shown here

→



PRAGIM Technologies | 9900113931 | www.pragimtech.com | www.facebook.com/pragimtech

http://csharp-video-tutorials.blogspot.com

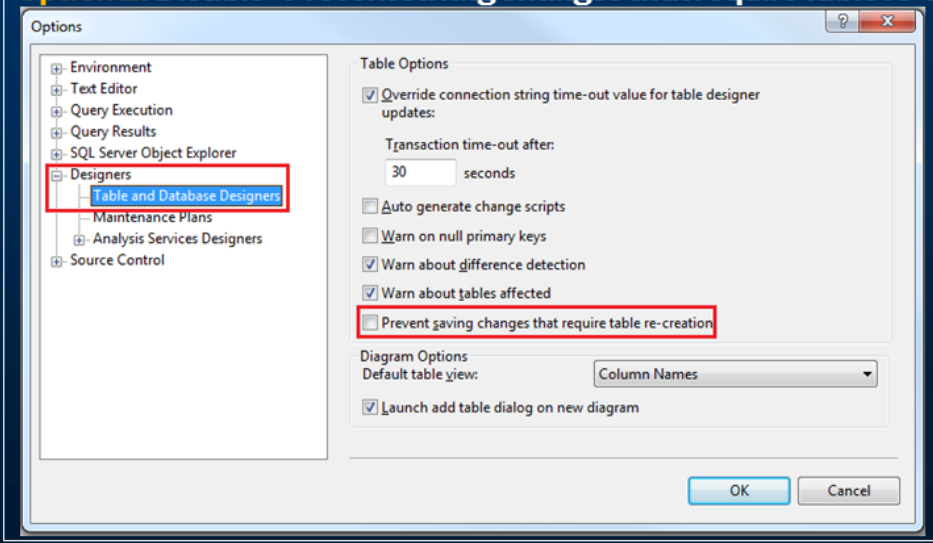
Alter columns without dropping table

How to alter the database table definition without the need to drop, re-create and again populate the table with data?

Option 1: Use a SQL query to alter the column as shown below

```
ALTER TABLE tblEmployee
ALTER COLUMN Salary INT
```

Option 2: Disable "Prevent saving changes that require table re-creation" option



PRAGIM Technologies | 9900113931 | www.pragimtech.com | www.facebook.com/pragimtech

http://csharp-video-tutorials.blogspot.com

Additional Resources

- PRAGIM Home Page:
  - www.PragimTech.com
- Resources:
  - ASP.NET Interview Questions
  - www.VenkatASPInterview.Blogspot.com
  - C# Interview Questions
  - www.VenkatCSharpInterview.Blogspot.com
  - SQL Server Interview Questions
  - www.venkatsqlinterview.Blogspot.com

PRAGIM Technologies | 9900113931 | www.pragimtech.com | www.facebook.com/pragimtech
http://csharp-video-tutorials.blogspot.com