

Part 4 – Default Constraint

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In this session we will learn

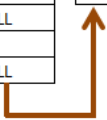
- Adding a default constraint

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Default Constraint

tblPerson				tblGender	
ID	Name	Email	GenderID	ID	Gender
1	Jade	j@j.com	2	1	Male
2	Mary	m@m.com	3	2	Female
3	Martin	ma@ma.com	1	3	Unknown
4	Rob	r@r.com	NULL		
5	May	may@may.com	2		
6	Kristy	k@k.com	NULL		



A column default can be specified using Default constraint. The **DEFAULT** constraint is used to insert a default value into a column. The default value will be added to all new records, if no other value is specified, including NULL.

Altering an existing column to add a default constraint:

```
ALTER TABLE {TABLE_NAME}
ADD CONSTRAINT {CONSTRAINT_NAME}
DEFAULT {DEFAULT_VALUE} FOR {EXISTING_COLUMN_NAME}
```

Adding a new column, with default value, to an existing table:

```
ALTER TABLE {TABLE_NAME}
ADD {COLUMN_NAME} {DATA_TYPE} {NULL | NOT NULL}
CONSTRAINT {CONSTRAINT_NAME} DEFAULT {DEFAULT_VALUE}
```

Dropping a constraint:

```
ALTER TABLE {TABLE_NAME}
DROP CONSTRAINT {CONSTRAINT_NAME}
```

Additional Resources

- PRAGIM Home Page:

- <http://www.PragimTech.com>

- Resources:

- ASP.NET Interview Questions
 - <http://www.VenkatASPInterview.Blogspot.com>
 - C# Interview Questions
 - <http://www.VenkatCSharpInterview.Blogspot.com>

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