

# Default Values

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### Note

The configuration in this section is applicable to relational databases in general. The extension methods shown here will become available when you install a relational database provider (due to the shared *Microsoft.EntityFrameworkCore.Relational* package).

The default value of a column is the value that will be inserted if a new row is inserted but no value is specified for the column.

## Conventions

By convention, a default value is not configured.

## Data Annotations

You can not set a default value using Data Annotations.

## Fluent API

## Fluent API

You can use the Fluent API to specify the default value for a property.

C#

 Copy

```
class MyContext : DbContext
{
    public DbSet<Blog> Blogs { get; set; }

    protected override void OnModelCreating(ModelBuilder modelBuilder)
    {
        modelBuilder.Entity<Blog>()
            .Property(b => b.Rating)
            .HasDefaultValue(3);
    }
}

public class Blog
{
    public int BlogId { get; set; }
    public string Url { get; set; }
    public int Rating { get; set; }
}
```

You can also specify a SQL fragment that is used to calculate the default value.

C#

 Copy

```
class MyContext : DbContext
{
    public DbSet<Blog> Blogs { get; set; }

    protected override void OnModelCreating(ModelBuilder modelBuilder)
    {
        modelBuilder.Entity<Blog>()
            .Property(b => b.Created)
```

```
        .HasDefaultValueSql("getdate()");  
    }  
}  
  
public class Blog  
{  
    public int BlogId { get; set; }  
    public string Url { get; set; }  
    public DateTime Created { get; set; }  
}
```