

Overriding identity tables properties / columns in EF Core 8 has no effect

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I'm overriding the `IdentityRole` / `IdentityClaim`, etc.

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However, I've noticed that some of these fields has no effect either in Fluent API or via attributes.



Class that overrides `IdentityRole<Guid>`:



```
public class AccountRole : IdentityRole<Guid>
{
}
```

And with fluent API:

```
entity.Property(e => e.Name)
    .ValueGeneratedNever()
    .HasDefaultValue<string>(null) // CANNOT BE OVERRIDDEN - Default is ALLOW
NULL
    .HasMaxLength(100) // CANNOT BE OVERRIDDEN - Default = 256
    .IsRequired(true);

entity.Property(e => e.NormalizedName)
    .ValueGeneratedNever()
    .HasDefaultValue<string>(null) // CANNOT BE OVERRIDDEN - Default is ALLOW
NULL
    .HasMaxLength(100) // CANNOT BE OVERRIDDEN - Default = 256
    .IsRequired(true);
```

For instance, I have no use of a `Role` name with the max length of 256. Building potential indexes against these tables will be improved if these values can be overridden.

What happens is I get a script that contains something like this:

```
ALTER TABLE [AspNetRoles]
    ALTER COLUMN [Name] nvarchar(256) NOT NULL;

ALTER TABLE [AspNetRoles] ADD DEFAULT N'' FOR [Name];
```

I have not specified that it should set "Empty String" as default or that it should be 256 characters.

Some of the other tables in Identity* works. This is just one of those that doesn't.

- Is there any reason for this?
- Can this somehow be changed?

(Override the properties / apply new properties has no effect neither)

c# sql entity-framework entity-framework-core ef-fluent-api

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edited May 20 at 17:04



marc_s

753k 183 1.4k 1.5k

asked May 20 at 15:06



Deukalion

2,646 10 33 52

Maybe `.IsRequired(false)` ? – Svyatoslav Danyliv May 20 at 15:58

And then IdentityRole makes a workaround to add a default value N" which happens nowhere else in EF Core? NOT NULL and no defaults. A role name should be required and not be allowed to be ". – Deukalion May 21 at 8:29

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