Ajay Patel

EF Core

EF Core Trick: View EF Core's Full Picture

```
userEntity.Name = user.Name;
userEntity.Email = user.Email;
userEntity.IsActive = user.IsActive;

string before = _dbContext.ChangeTracker.DebugView.LongView;

_dbContext.Users.Update(userEntity);

string after = _dbContext.ChangeTracker.DebugView.LongView;

await _dbContext.Save
e

throw new Exception("
```

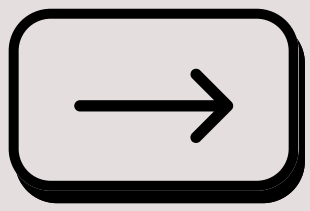
Text Visualizer

Expression: _dbContext.ChangeTracker.DebugView.LongView

String manipulation: None

Value:

```
User {UserId: 1} Modified
    UserId: 1 PK
    Address: 'Valsad' Modified
    Email: 'john@xyz.com' Modified Originally
'ajay@xyz.com'
    IsActive: 'True' Modified
    Name: 'John' Modified Originally 'Ajay'
```



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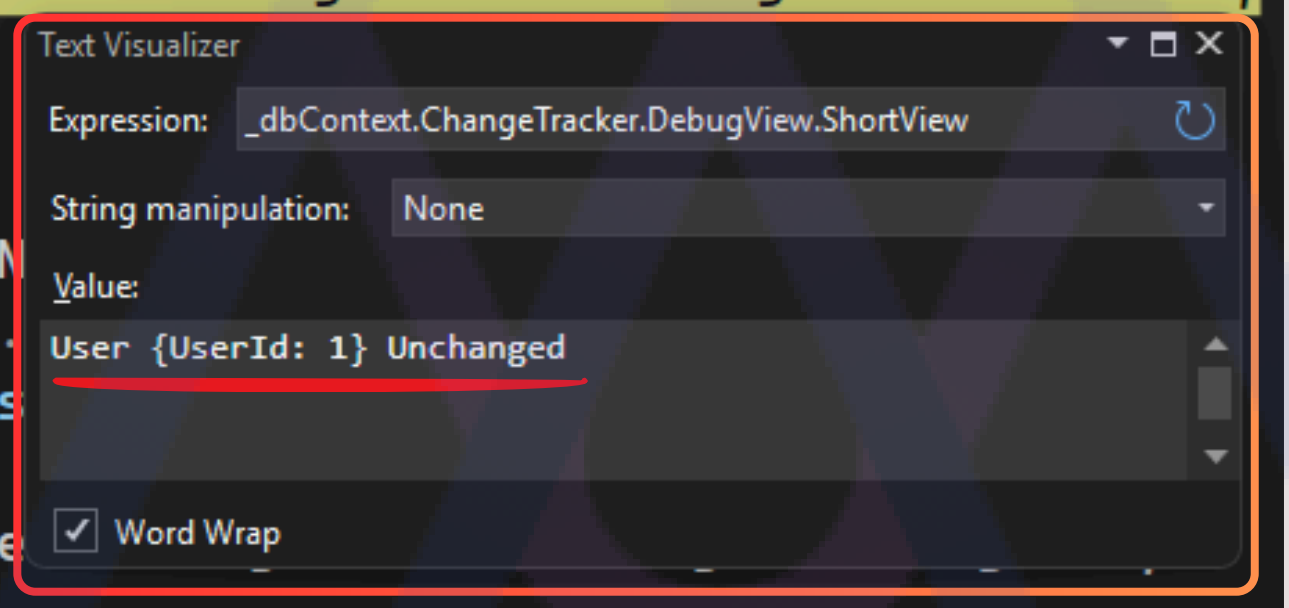
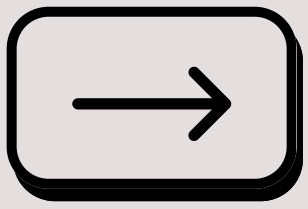
1. ShortView:

```
User? userEntity = await _dbContext.Users.
    FirstOrDefaultAsync(u => u.UserId == user.UserId);

string firstTracked = _dbContext.ChangeTracker.DebugView.ShortView;

if (userEntity is not null)
{
    userEntity.Name = user.N
    userEntity.Email = user.
    userEntity.IsActive = us

    string before = _dbConte

    _dbContext.Users.Update(userEntity);

    string after = _dbContext.ChangeTracker.DebugView.LongView;

    await _dbContext.SaveChangesAsync();
}
```





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2. LongView:

```
userEntity.Name = user.Name;
userEntity.Email = user.Email;
userEntity.IsActive = user.IsActive;

string before = _dbContext.ChangeTracker.DebugView.LongView;

_dbContext.Users.Update(userEntity);

string after = _dbContext.ChangeTracker.DebugView.LongView;

await _dbContext.Save

se

throw new Exception("
```

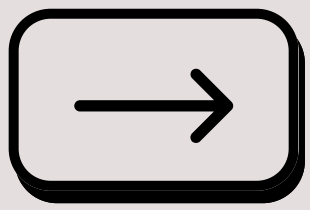
Text Visualizer

Expression: _dbContext.ChangeTracker.DebugView.LongView

String manipulation: None

Value:

```
User {UserId: 1} Modified
    UserId: 1 PK
    Address: 'Valsad' Modified
    Email: 'john@xyz.com' Modified Originally
'ajay@xyz.com'
    IsActive: 'True' Modified
    Name: 'John' Modified Originally 'Ajay'
```



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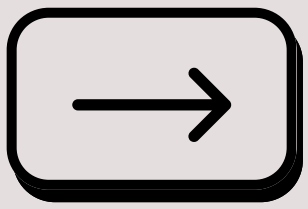
THANKS FOR READING