

EFCORE : TAGWITH()

Query tags help correlate LINQ queries in code with generated SQL queries captured in logs.



```
var publishedBlogPosts = dbContext.BlogPosts
    .Where(b => b.PublishedAt != null)
    .TagWith("Getting published blog posts")
    .ToList();
```

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GENERATE SQL

EF generates the SQL including the **tag as a comment** in the query; as a result, debugging and profiling queries might be easier.

```
-- Getting published blog posts
```

```
SELECT [b].[BlogPostId], [b].[Content], [b].[PublishedAt], [b].[Title]
FROM [BlogPosts] AS [b]
WHERE [b].[PublishedAt] IS NOT NULL
```

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CALLER INFORMATION WITH **TAGWITHCALLSITE()**

EFCore 6 introduced
TagWithCallSite() to extend
functionality that including
the caller information



```
var publishedBlogPosts = dbContext.BlogPosts
    .Where(b => b.PublishedAt != null)
    .TagWithCallSite()
    .ToList();
```

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GENERATE SQL

This will now include the
file above the query in the
log

```
-- File: c:\Factory\CodeReview\EfCoreTagging.Tests\Test.cs:20
```

```
SELECT [b].[BlogPostId], [b].[Content], [b].[PublishedAt], [b].[Title]  
FROM [BlogPosts] AS [b]  
WHERE [b].[PublishedAt] IS NOT NULL
```

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