

Fix This async method lacks await operator warning in C#

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Let's say that you need to implement an interface that contains an (async) method returning `Task<T>` :



```
public interface IGetInt {  
    Task<int> GetIntAsync();  
    //...  
}
```

But your implementation lacks async operations:

```
public class GetInt : IGetInt {  
    public async Task<int> GetIntAsync() {  
        return 1;  
    }  
}
```

This will give you the following warning:

This async method lacks 'await' operators and will run synchronously. Consider using the 'await' operator to await non-blocking API calls, or 'await Task.Run(...)' to do CPU-bound work on a background thread.

An easy solution would be to use `Task.FromResult()` like so:

```
public class GetInt : IGetInt {  
    public async Task<int> GetIntAsync() {  
        return await Task.FromResult(1);  
    }  
}
```


And if you need to implement a method that returns only `Task`, this is how you can do it:

```
public async Task SomeMethod()  
{  
    return Task.FromResult<object>(null);  
}
```

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Eero Bragge (/users/268/eero-bragge) [0] • Jul 27 '18 •  Share • Reply (/comments/65/reply)

Should the last one be?

```
public async Task SomeMethod()
{
    await Task.FromResult ...
    return;
}
```



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Author


Created by Matt Hamilton (/users/180/matt-hamilton) [11] Oct 28 '16

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