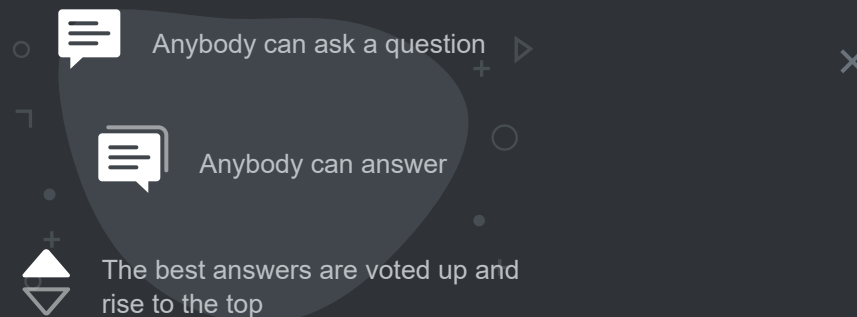


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DDD - Are 'use cases' and 'application services' different names for the same thing?

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I'm struggling a little bit with Domain Driven Design because there are so many names and concepts to grasp.

6

Today it striked me to know what is exactly the difference between an 'application service' and an 'use case'. Are they the same thing?

domain-driven-design


1

asked Feb 19 '18 at 11:53

Henrique Barcelos

711 ● 8 ● 17

- Unless DDD has a really weird use for the term "use case", then they are not the same thing. Use case is a common term for a functional requirement of the app, whereas an application service is a piece of code that coordinates interactions between stuff like value objects, entities and domain services. – [David Arno](#) Feb 19 '18 at 12:18
- Although DDD and Uncle Bobs Clean Architecture focus on different things, if you are comparing the two, I'd say that application services in DDD roughly correspond to the application business rules layer in CA, which implements use cases (or user stories - at that level in the architecture, the

distinction doesn't really matter). Also, the DDD terminology is trying to make a distinction between application services which depend on the domain layer, and domain services, which take part in implementing the domain logic. – [Filip Milovanović](#) Feb 19 '18 at 12:52 

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In [Clean Architecture](#) jargon, use cases are indeed similar to DDD Application Services. In [UML](#) though, use cases refer to broader business scenarios rather than a technical layer.

answered Feb 19 '18 at 12:47

[guillaume31](#)

7,437 ● 15 ● 29

2 I see. There are so many names with so many meanings that one could get easily lost. Thank's a lot for the clarification, @guillaume31. – [Henrique Barcelos](#) Feb 20 '18 at 13:39

Wow this is a helpful comment – [Bunthai Deng](#) Feb 15 at 9:47