NewPostCommand:

1. Post.Command
   1. NewPostController
      1. ICommandDispatcher.SendAsync
         1. ICommandHandler.HandleAsync()
            1. PostAggregate.ctor()

AggregateRoot.RaiseEvent()

AggregateRoot.ApplyChange()

PostAggregate.Apply()

* + - * 1. IEventSourcingHandler.SaveAsync()

AggregateRoot.GetUncommitedChanges()

IEventStore.SaveEventAsync()

IEventStoreRepository.FindByAggregateId()

IEventStoreRepository.SaveAsync()

IEventProducer.ProduceAsync ()

AggregateRoot.MarkChangesAsCommited()

1. Post.Query
   1. IEventConsumer
      1. IEventHandler.On(PostCreatedEvent)
         1. PostRepository.CreateAsync()

EditMessageCommand:

1. Post.Command
   1. EditMessageController
      1. ICommandDispatcher.SendAsync
         1. ICommandHandler.HandleAsync()
            1. IEventSourcingHandler.GetByIdAsync()

PostAggregate.ctor()

IEventStore.GetEventAsync()

IEventStoreRepository.FindByAggregateId()

AggregateRoot.ReplayEvent()

* + - * 1. PostAggregate.EditMessage()

AggregateRoot.RaiseEvent()

AggregateRoot.ApplyChange()

PostAggregate.Apply()

* + - * 1. IEventSourcingHandler.SaveAsync()

AggregateRoot.GetUncommitedChanges()

IEventStore.SaveEventAsync()

IEventStoreRepository.FindByAggregateId()

IEventStoreRepository.SaveAsync()

IEventProducer.ProduceAsync ()

AggregateRoot.MarkChangesAsCommited()

1. Post.Query
   1. IEventConsumer
      1. IEventHandler.On(MessageUpdatedEvent)
         1. PostRepository.UpdateAsync()

LikePostCommand:

1. Post.Command
   1. EditMessageController
      1. ICommandDispatcher.SendAsync
         1. ICommandHandler.HandleAsync()
            1. IEventSourcingHandler.GetByIdAsync()

PostAggregate.ctor()

IEventStore.GetEventAsync()

IEventStoreRepository.FindByAggregateId()

AggregateRoot.ReplayEvent()

* + - * 1. PostAggregate.LikePost()

AggregateRoot.RaiseEvent()

AggregateRoot.ApplyChange()

PostAggregate.Apply()

* + - * 1. IEventSourcingHandler.SaveAsync()

AggregateRoot.GetUncommitedChanges()

IEventStore.SaveEventAsync()

IEventStoreRepository.FindByAggregateId()

IEventStoreRepository.SaveAsync()

IEventProducer.ProduceAsync ()

AggregateRoot.MarkChangesAsCommited()

1. Post.Query
   1. IEventConsumer
      1. IEventHandler.On(PostLikedEvent)
         1. PostRepository.UpdateAsync()

DeletePostCommand:

1. Post.Command
   1. DeletePostController
      1. ICommandDispatcher.SendAsync
         1. ICommandHandler.HandleAsync()
            1. IEventSourcingHandler.GetByIdAsync()

PostAggregate.ctor()

IEventStore.GetEventAsync()

IEventStoreRepository.FindByAggregateId()

AggregateRoot.ReplayEvent()

* + - * 1. PostAggregate.DeletePost()

AggregateRoot.RaiseEvent()

AggregateRoot.ApplyChange()

PostAggregate.Apply()

* + - * 1. IEventSourcingHandler.SaveAsync()

AggregateRoot.GetUncommitedChanges()

IEventStore.SaveEventAsync()

IEventStoreRepository.FindByAggregateId()

IEventStoreRepository.SaveAsync()

IEventProducer.ProduceAsync ()

AggregateRoot.MarkChangesAsCommited()

1. Post.Query
   1. IEventConsumer
      1. IEventHandler.On(PostRemovedEvent)
         1. PostRepository.DeleteAsync()

AddCommentCommand:

1. Post.Command
   1. AddCommentController
      1. ICommandDispatcher.SendAsync
         1. ICommandHandler.HandleAsync()
            1. IEventSourcingHandler.GetByIdAsync()

PostAggregate.ctor()

IEventStore.GetEventAsync()

IEventStoreRepository.FindByAggregateId()

AggregateRoot.ReplayEvent()

* + - * 1. PostAggregate.AddComment()

AggregateRoot.RaiseEvent()

AggregateRoot.ApplyChange()

PostAggregate.Apply()

* + - * 1. IEventSourcingHandler.SaveAsync()

AggregateRoot.GetUncommitedChanges()

IEventStore.SaveEventAsync()

IEventStoreRepository.FindByAggregateId()

IEventStoreRepository.SaveAsync()

IEventProducer.ProduceAsync ()

AggregateRoot.MarkChangesAsCommited()

1. Post.Query
   1. IEventConsumer
      1. IEventHandler.On(CommentAddedEvent)
         1. CommentRepository.CreateAsync()

EditCommentCommand:

1. Post.Command
   1. EditCommentController
      1. ICommandDispatcher.SendAsync
         1. ICommandHandler.HandleAsync()
            1. IEventSourcingHandler.GetByIdAsync()

PostAggregate.ctor()

IEventStore.GetEventAsync()

IEventStoreRepository.FindByAggregateId()

AggregateRoot.ReplayEvent()

* + - * 1. PostAggregate.EditComment()

AggregateRoot.RaiseEvent()

AggregateRoot.ApplyChange()

PostAggregate.Apply()

* + - * 1. IEventSourcingHandler.SaveAsync()

AggregateRoot.GetUncommitedChanges()

IEventStore.SaveEventAsync()

IEventStoreRepository.FindByAggregateId()

IEventStoreRepository.SaveAsync()

IEventProducer.ProduceAsync ()

AggregateRoot.MarkChangesAsCommited()

1. Post.Query
   1. IEventConsumer
      1. IEventHandler.On(CommentUpdatedEvent)
         1. CommentRepository.UpdateAsync()

RemoveCommentCommand:

1. Post.Command
   1. RemoveCommentController
      1. ICommandDispatcher.SendAsync
         1. ICommandHandler.HandleAsync()
            1. IEventSourcingHandler.GetByIdAsync()

PostAggregate.ctor()

IEventStore.GetEventAsync()

IEventStoreRepository.FindByAggregateId()

AggregateRoot.ReplayEvent()

* + - * 1. PostAggregate.RemoveComment()

AggregateRoot.RaiseEvent()

AggregateRoot.ApplyChange()

PostAggregate.Apply()

* + - * 1. IEventSourcingHandler.SaveAsync()

AggregateRoot.GetUncommitedChanges()

IEventStore.SaveEventAsync()

IEventStoreRepository.FindByAggregateId()

IEventStoreRepository.SaveAsync()

IEventProducer.ProduceAsync ()

AggregateRoot.MarkChangesAsCommited()

1. Post.Query
   1. IEventConsumer
      1. IEventHandler.On(CommentRemovedEvent)
         1. CommentRepository.DeleteAsync()