



# COORDINATOR Pattern

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## THE BASICS

Nov 2022



1. Problem solver
2. Coordinator history
3. Basic protocol
4. App and Main Coordinator
5. Basic Code
6. Some Advance tips

# Problem Solver

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## overview

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The best way to introduce Coordinator is probably to introduce the problem it aims to solve.

- **Big ViewControllers(too many responsibilities)**
- **Improve reuse of views**
- **Implementation(navigation stack, data injection)**



# Coordinator History

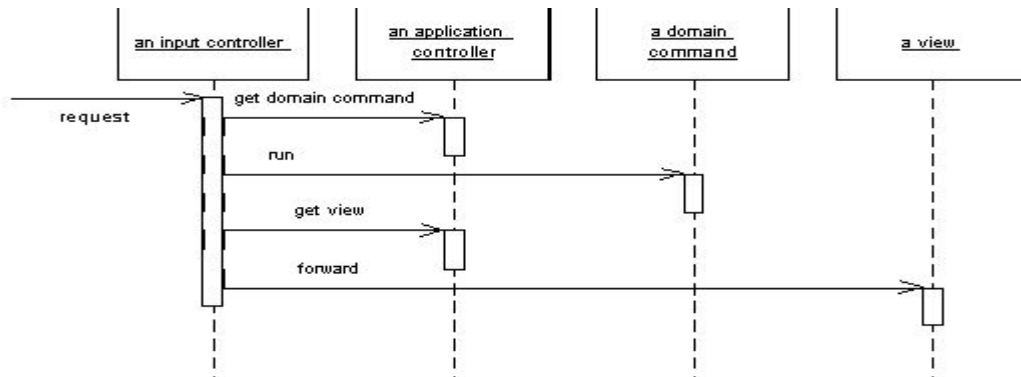
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## overview

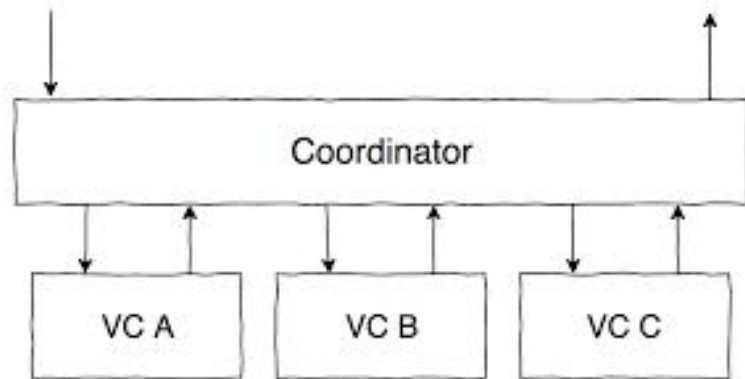
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Martin Fowler in his book “Patterns of Enterprise Application Architecture” called this pattern Application Controller. (2002)



**But Soroush Khanlou is considered as its first popularizer in the iOS environment in his speech at the NSSpain conference in 2015.**





# Coordinator What is it

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## overview

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Coordinator is a simple but yet powerful protocol.

```
10
11 protocol Coordinator {
12     func start()
13     |
14 }
```

