```kotlin
class EspressoMachine {
    private data class EspressoShotRequest(
        val deferredEspressoShot: CompletableDeferred<Espresso>,
        val groundBeans: CoffeeBean.GroundBeans
    )

    private val portafilterOne: SendChannel<EspressoShotRequest> = actor {
        consumeEach { request ->
            val espresso = processEspressoShot(request.groundBeans)
            request.deferredEspressoShot.complete(espresso)
        }
    }

    private val portafilterTwo: SendChannel<EspressoShotRequest> = actor {...}

    suspend fun pullEspressoShot(groundBeans: CoffeeBean.GroundBeans): Espresso {
        val request = EspressoShotRequest(CompletableDeferred(), groundBeans)
        return select {
            portafilterOne.onSend(request) {
                request.deferredEspressoShot.await()
            }
            portafilterTwo.onSend(request) {
                TODO("sent to portafilter two - wait for result")
            }
        }
    }
    ...
}
```

https://jagstalk.page.link/examples

```kotlin
class EspressoMachine {
    private data class EspressoShotRequest(
        val deferredEspressoShot: CompletableDeferred<Espresso>,
        val groundBeans: CoffeeBean.GroundBeans
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    private val portafilterOne: SendChannel<EspressoShotRequest> = actor {
        consumeEach { request ->
            val espresso = processEspressoShot(request.groundBeans)
            request.deferredEspressoShot.complete(espresso)
        }
    }

    private val portafilterTwo: SendChannel<EspressoShotRequest> = actor {...}

    suspend fun pullEspressoShot(groundBeans: CoffeeBean.GroundBeans): Espresso {
        val request = EspressoShotRequest(CompletableDeferred(), groundBeans)
        return select {
            portafilterOne.onSend(request) {
        ➡       request.deferredEspressoShot.await()
            }
            portafilterTwo.onSend(request) {
                TODO("sent to portafilter two - wait for result")
            }
        }
        ...
    }
```

```kotlin
class EspressoMachine(scope: CoroutineScope): CoroutineScope by scope {
    private data class EspressoShotRequest(
        val deferredEspressoShot: CompletableDeferred<Espresso>,
        val groundBeans: CoffeeBean.GroundBeans
    )

    private val portafilterOne: SendChannel<EspressoShotRequest> = actor {
        consumeEach { request ->
            val espresso = processEspressoShot(request.groundBeans)
            request.deferredEspressoShot.complete(espresso)
        }
    }

    private val portafilterTwo: SendChannel<EspressoShotRequest> = actor {...}

    suspend fun pullEspressoShot(groundBeans: CoffeeBean.GroundBeans): Espresso {
        val request = EspressoShotRequest(CompletableDeferred(), groundBeans)
        return select {
            portafilterOne.onSend(request) {
                request.deferredEspressoShot.await()
            }
            portafilterTwo.onSend(request) {
                TODO("sent to portafilter two - wait for result")
            }
        }
    }
    ...
}
```