TEXT

ERROR ROUTING EXAMPLE

V

a

r

r

0

u

t

e

r

(

P

r

0

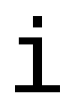
e

R

0

u

t



n

r

r

0

r

R

O

u

t

n

g

?

p

r

e

F

t

C

h

e

r

e

t

C

h

P

r

e

d

p

d

n

S

h

e

d

W

a

k

S

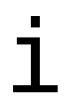
e

]

p

r

0



e

e

r

r

O

n

g

u

a

r

d

t

p

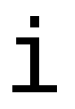
r

0

p

r

0



e

e

S

e

{

S

e

?

r

u

r

?

u

e

(

m

e

S

S

a

e

n

p

p

M

e

S

S

a

g

e

e

r

r

(

e

r

r

0

r

)

u

n

}

}

u

n

C

r

0

u

t

e

m

e

S

S

a

e

n

p

p

M

e

S

S

g

e

e

r

e

S

p

0

n

d

e

r

n

p

p

M

e

S

S

a

g

e

R

u

t

n

g

n

d

R

e

S

p

n

d

e

r

{

r

e

p

0

n

d

e

r

r

0

u

e

m

e

S

S

a

g

e

m

e

S

S

a

g

e

1

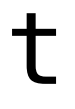
C

0

m

p

e



0

n

C

0

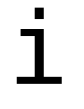
m

p

l

e

t



0

n

}

}

p

u

b

C

u

n

C

n

d

R

e

S

p

0

n

d

e

r

?

S

e

S

T

r

e

u

n

S

e

S

?

T

}

u

a

e

r

S

p

0

n

d

e

r

p

r

e

n

a

S

?

S

e

p

a

r

e

n

t

?

n

d

R

e

S

p

0

n

d

e

r

0

u

t

r

S

p

0

n

d

e

a

S

?

R

u

t

n

{

r

0

u

t

e

d

e

S

R

e

S

p

n

d

?

?

p

r

n

t

?

n

d

R

e

S

p

n

d

e

r

}

e

p

r

}

```
var router: (ProfileRouting & ErrorRouting)?
...
profileFetcher.fetchProfile(id: profileId, finished: { [weak self] (profile, error) in
            guard let profile = profile else {
                self?.router?.route(message: InAppMessage.error(error))
                return
            }
            ...
        })
```

```
func route(message: InAppMessage) {
        if let responder: InAppMessageRouting = findResponder() {
            responder.route(message: message, completion: completion)
        }
    }
```

```
public func findResponder<T>() -> T? {
    if self is T {
        return self as? T
    }

    guard let responder = parent as? T else {
        return parent?.findResponder()
    }

    if let router = responder as? Routing {
        return router.doesRespond() ?? parent?.findResponder()
    } else {
        return responder
    }
}
```

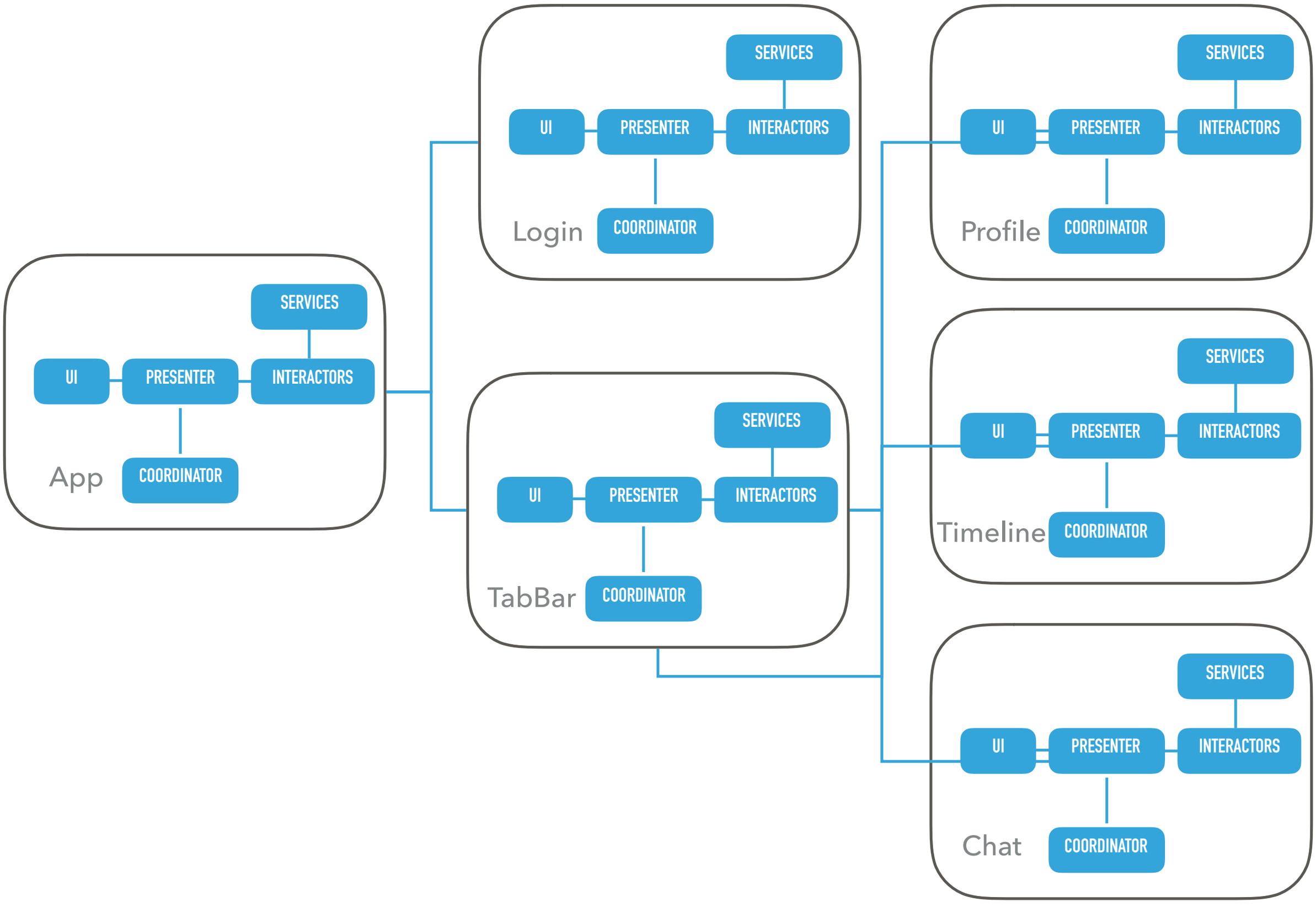
ERROR ROUTING EXAMPLE

```
func route(message: InAppMessage) {
        if let responder: InAppMessageRouting = findResponder() {
            responder.route(message: message, completion: completion)
        }
    }
```

```
public func findResponder<T>() -> T? {
        if self is T {
            return self as? T
        }

        guard let responder = parent as? T else {
            return parent?.findResponder()
        }

        if let router = responder as? Routing {
            return router.doesRespond() ?? parent?.findResponder()
        } else {
            return responder
        }
    }
```


SERVICES
UI
PRESENTER
INTERACTORS
COORDINATOR
Login
SERVICES
UI
PRESENTER
INTERACTORS
COORDINATOR
Profile
SERVICES
UI
PRESENTER
INTERACTORS
COORDINATOR
App
SERVICES
UI
PRESENTER
INTERACTORS
COORDINATOR
TabBar
SERVICES
UI
PRESENTER
INTERACTORS
COORDINATOR
Timeline
SERVICES
UI
PRESENTER
INTERACTORS
COORDINATOR
Chat