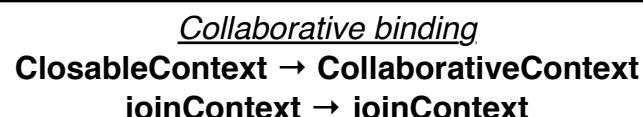
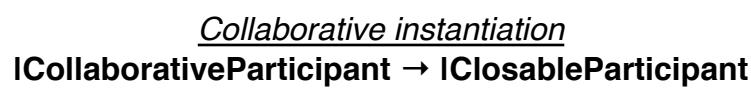
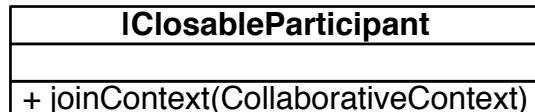


aspect Closable depends on Collaborative

structural view

| ClosableContext |
|--|
| - boolean closed |
| - int maxParticipantCount := Integer.MAX_VALUE |
| ~ ClosableContext create() |
| + addParticipant(ICollaborativeParticipant) |
| ~ boolean isClosed() |
| + setClosed(boolean) |
| + setMaxParticipantCount(int) |
| - int getMaxParticipantCount() |
| - boolean isLastAllowedParticipant() |



message view joinContext

Pointcut

caller: Caller

target:
IClosableParticipant

joinContext(c)

caller: Caller

target:
IClosableParticipant

joinContext(c)

c:
ClosableContext

Advice

closed := isClosed()

Default instantiation
caller → *
Caller → *
target → *

message view addParticipant

Pointcut

caller: Caller

target:
ClosableContext

addParticipant(p)

caller: Caller

target:
ClosableContext

addParticipant(p)

Default instantiation
caller → *
Caller → *
target → *

message view isLastAllowedParticipant affected by Collaborative.getParticipantCount

Pointcut

caller: Caller

target:
ClosableContext

last := isLastAllowedParticipant()

caller: Caller

target:
ClosableContext

last := isLastAllowedParticipant()

Default instantiation
caller → *
Caller → *
target → *

last := false

participants := getParticipantCount()

max := getMaxParticipantCount()

opt [participants = max]

last := true