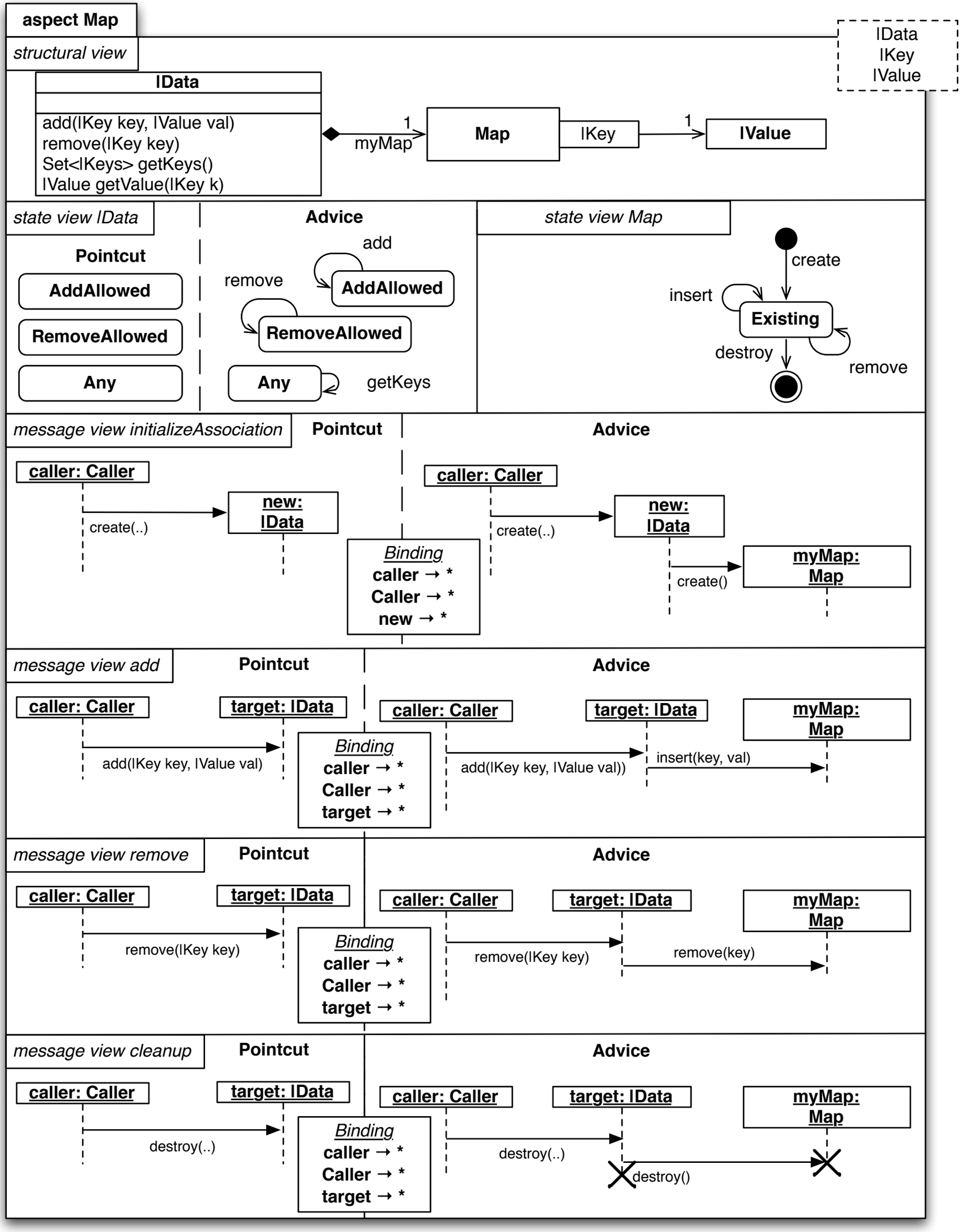
aspect Map
structural view
IData
IKey
IValue
IData
add(IKey key, IValue val)
remove(IKey key)
Set<IKeys> getKeys()
IValue getValue(IKey k)
1
myMap
Map
IKey
1
IValue
state view IData
Pointcut
AddAllowed
RemoveAllowed
Any
Advice
add
remove
AddAllowed
RemoveAllowed
Any
getKeys
state view Map
create
insert
Existing
destroy
remove
message view initializeAssociation
Pointcut
Advice
caller: Caller
new: IData
create(..)
Binding
caller → *
Caller → *
new → *
caller: Caller
new: IData
create(..)
myMap: Map
create()
message view add
Pointcut
Advice
caller: Caller
target: IData
add(IKey key, IValue val)
Binding
caller → *
Caller → *
target → *
caller: Caller
target: IData
myMap: Map
add(IKey key, IValue val))
insert(key, val)
message view remove
Pointcut
Advice
caller: Caller
target: IData
remove(IKey key)
Binding
caller → *
Caller → *
target → *
caller: Caller
target: IData
myMap: Map
remove(IKey key)
remove(key)
message view cleanup
Pointcut
Advice
caller: Caller
target: IData
destroy(..)
Binding
caller → *
Caller → *
target → *
caller: Caller
target: IData
myMap: Map
destroy(..)
destroy()