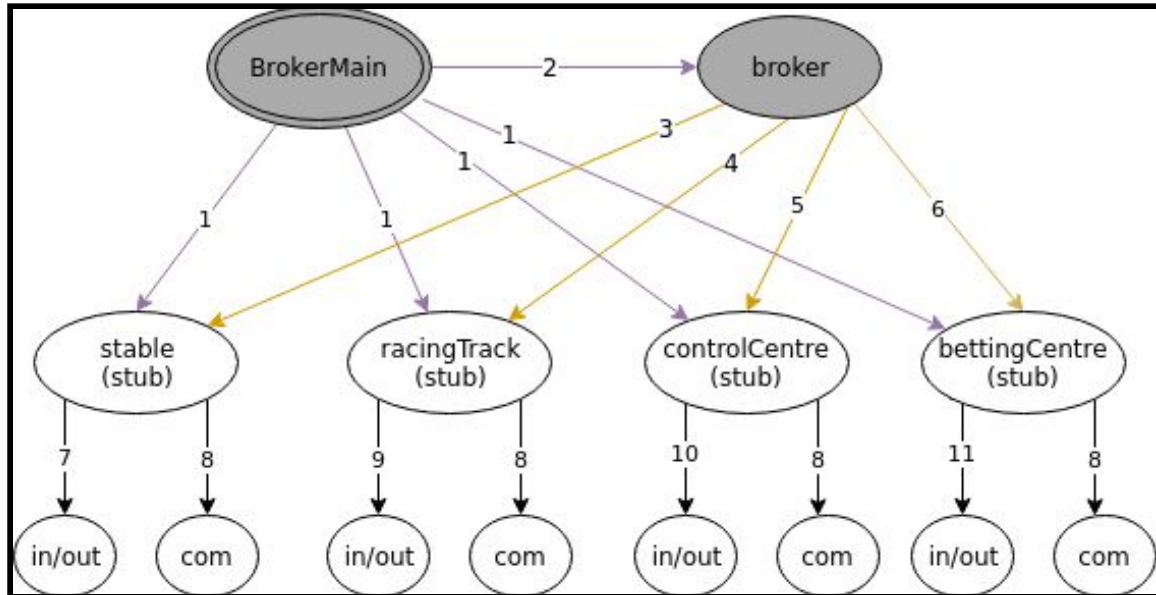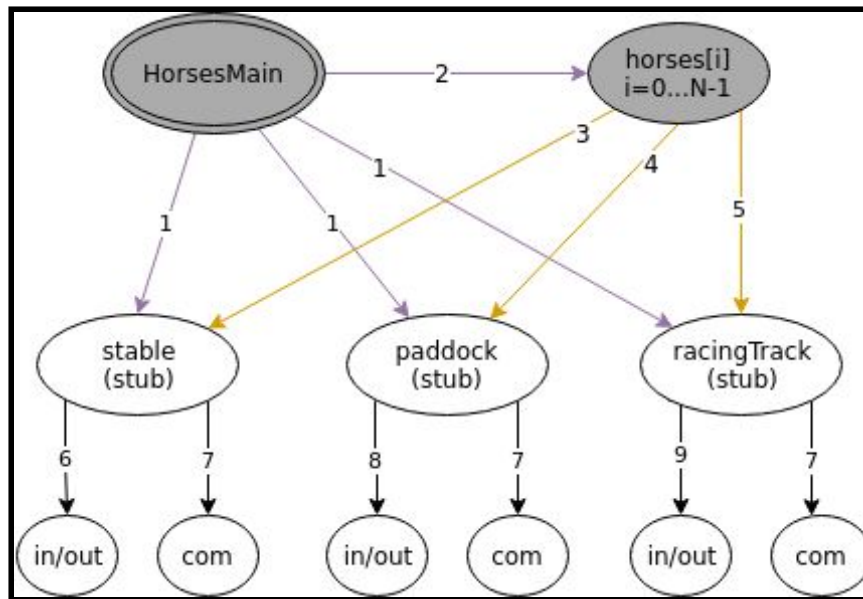# Broker

Caption:

1 - instantiation
2 - instantiation, start and join
3 - entertainTheGuests
4 - startTheRace
5 - openTheEvent, reportResults, startTheRace, summonHorsesToPaddock, celebrate
6 - acceptTheBets, areThereAnyWinners, honourTheBets
7 - getMethod, setMethod, getRaceOdds, getRaceId, getRaceIdx, getErrorMessage
8 - open, writeObject, readObject, close
9 - getMethod, setMethod, hasFinishLineBeenCrossed, getErrorMessage
10 - getMethod, setMethod, isThereARace, isHaveIWon, getWinners, getErrorMessage
11 - getMethod, setMethod, getWallet, isAreThereAnyWinners, getWinningValue, getBettedHorse, getErrorMessage
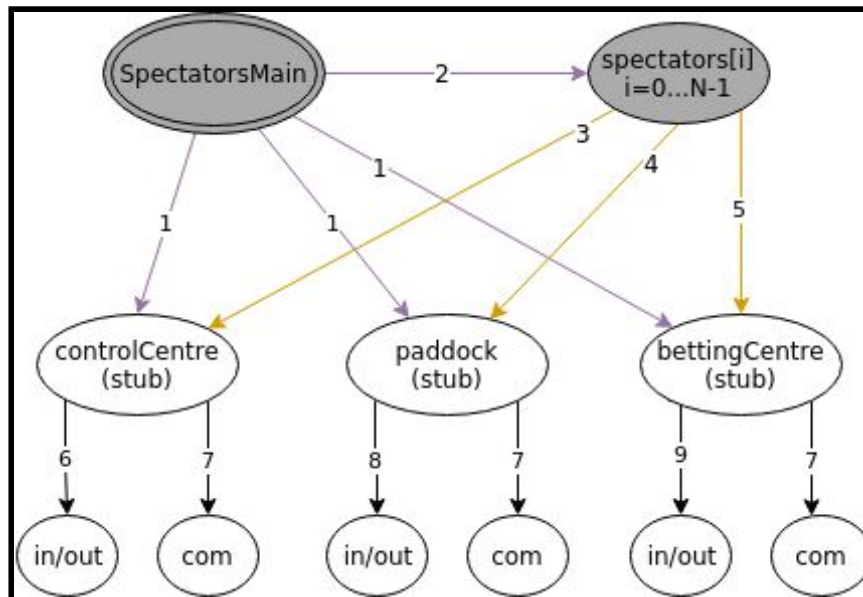
Horses

Caption:

1 - instantiation
2 - instantiation, start and join
3 - proceedToStable
4 - proceedToPaddock
5 - hasFinishLineBeenCrossed, proceedToStartLine, makeAMove
6 - getMethod, setMethod, getRaceOdds, getRaceId, getRaceIdx, getErrorMessage
7 - open, writeObject, readObject, close
8 - getMethod, setMethod, getErrorMessage
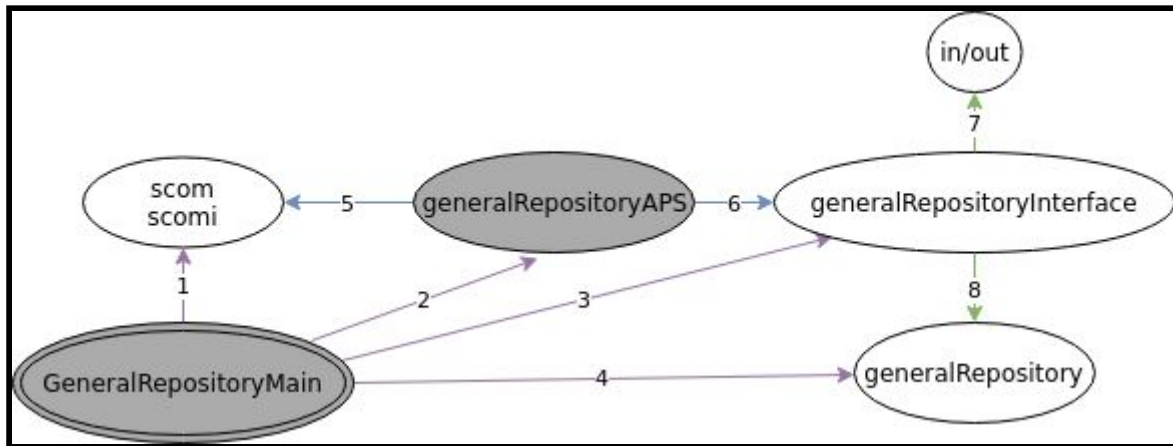**9** - getMethod, setMethod, hasFinishLineBeenCrossed, getErrorMessage

Spectators

Caption:

1 - instantiation
2 - instantiation, start, and join
3 - goWatchTheRace, haveIWon, waitForNextRace, relaxABit
4 - goCheckHorses
5 - placeABet, goCollectTheGains
6 - getMethod, setMethod, isThereARace, isHaveIWon, getWinners, getErrorMessage
7 - open, writeObject, readObject, close
8 - getMethod, setMethod, getErrorMessage
9 - getMethod, setMethod, getWallet, isAreThereAnyWinners, getWinningValue, getBettedHorse, getErrorMessage
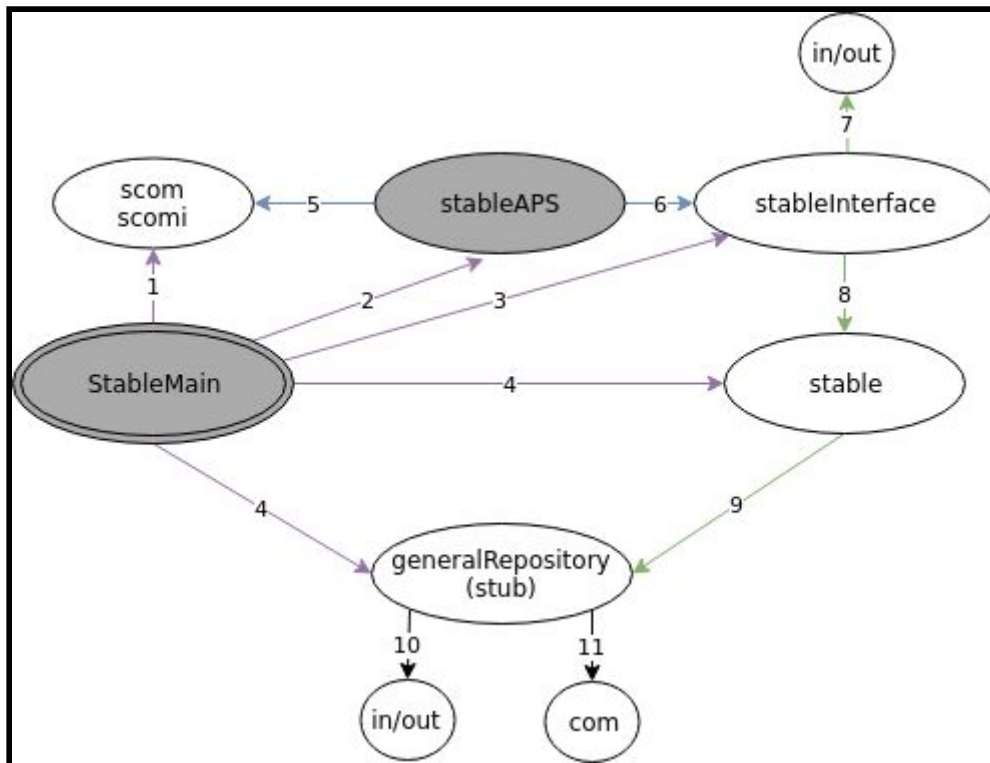
General Repository

Caption:

1 - instantiation, accept, start
2 - instantiation, start
3 - instantiation, getRequests
4 - instantiation
5 - readObject, writeObject
6 - processAndReply
7 - getBrokerState, getSpectatorState, getHorseState, getMethod, setMethod, getRaceNumber, getHorseIdx, getHorseAgility, getHorsePosition, getHorseStep, getSpectatorBet, getSpectatorBettedHorse, getSpectatorGains, getStandings, getHorsesOdd, getEntityId, setErrorMessage
8 - initRace, setBrokerState, setHorseAgility, setHorsePosition, setHorsesOdd, setHorsesStanding, setHorseState, setSpectatorGains, setSpectatorsBet, setSpectatorState
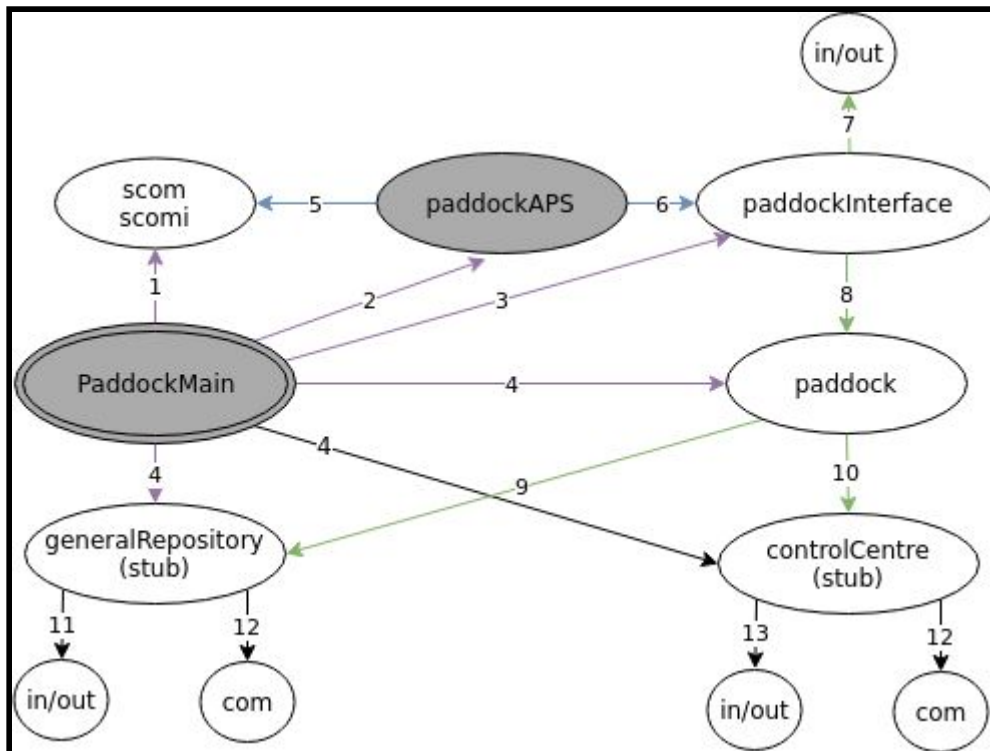
Stable

Caption:

1 - instantiation, accept, start
2 - instantiation, start
3 - instantiation, getRequests
4 - instantiation
5 - readObject, writeObject
6 - processAndReply
7 - getMethod, setMethod, getRaceId, getAgility, getEntityId, setErrorMessage
8 - getRaceOdds, summonHorsesToPaddock, proceedToStable, entertainTheGuests
9 - setHorsesOdd, setHorseAgility, setHorseState
10 - getMethod, setMethod, getErrorMessage
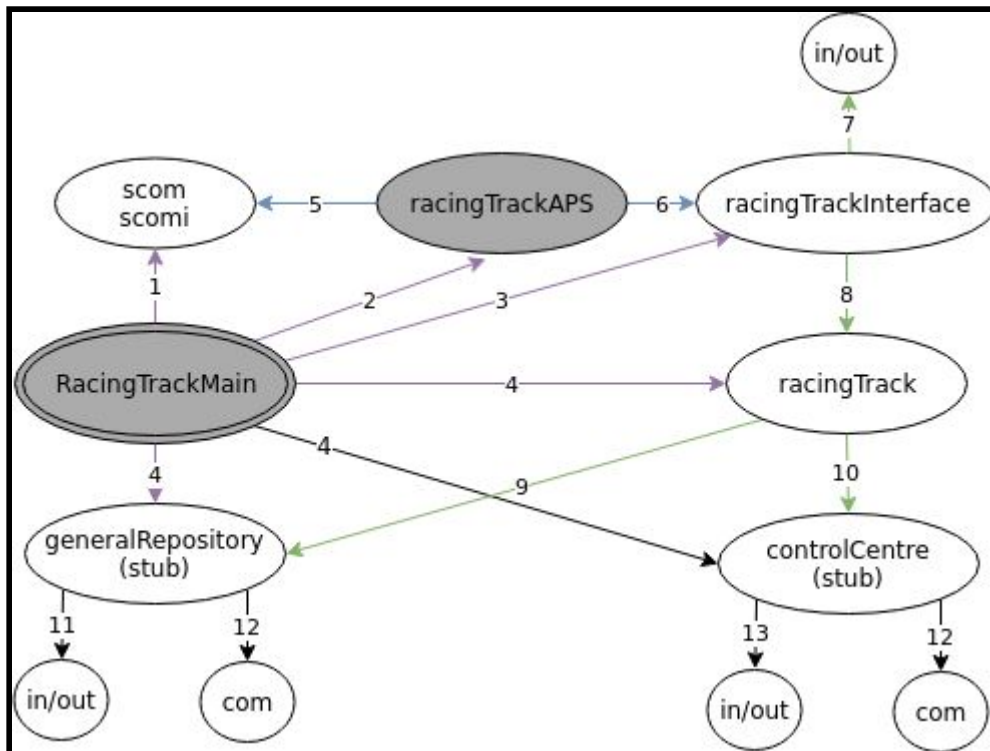**11** - open, writeObject, readObject, close

Paddock

Caption:

1 - instantiation, accept, start
2 - instantiation, start
3 - instantiation, getRequests
4 - instantiation
5 - readObject, writeObject
6 - processAndReply
7 - getMethod, setMethod, getEntityId, getRaceID, getRaceIdx, setErrorMessage
8 - goCheckHorses, proceedToPaddock
9 - setHorseState, setSpectatorState
10 - goCheckHorses, proceedToPaddock
11 - getMethod, setMethod, getErrorMessage
12 - open, writeObject, readObject, close
13 - getMethod, setMethod, isThereARace, isHaveIWon, getWinners, getErrorMessage

Racing Track

Caption:

1 - instantiation, accept, start
2 - instantiation, start
3 - instantiation, getRequests
4 - instantiation
5 - readObject, writeObject
6 - processAndReply
7 - getMethod, setMethod, getStep, getRaceID, getRaceIdx, getCurrentPosition, getCurrentStep, getEntityId, setErrorMessage
8 - startTheRace, proceedToStartLine, hasFinishLineBeenCrossed, makeAMove
9 - setHorseState, setBrokerState, setHorsePosition
10 - finishTheRace
11 - getMethod, setMethod, getErrorMessage
12 - open, writeObject, readObject, close
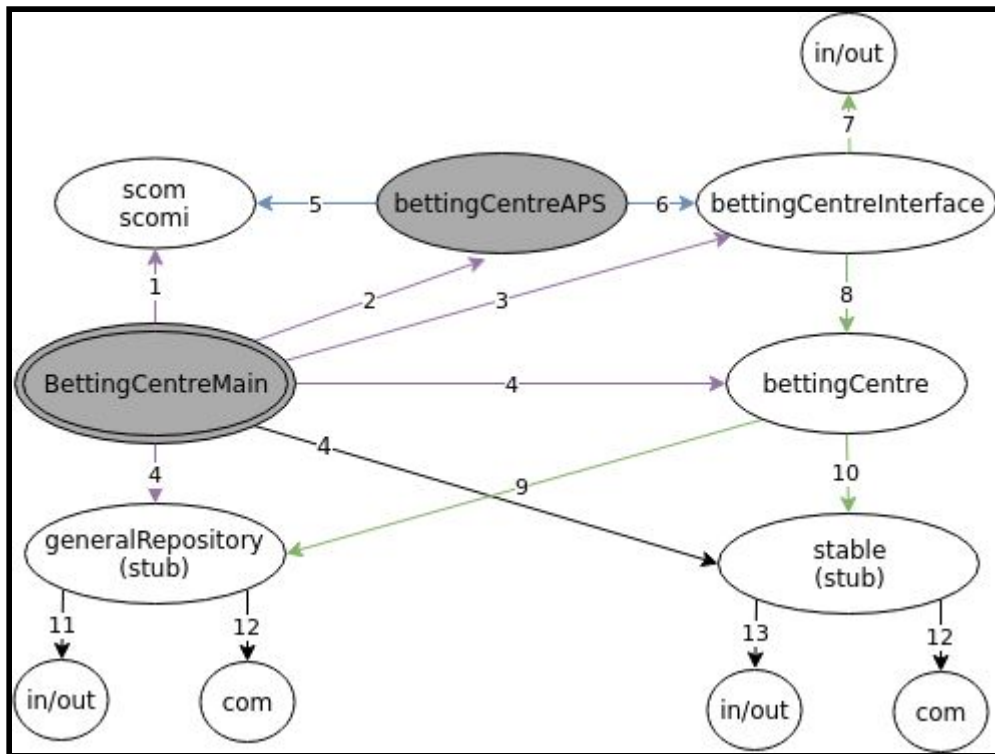**13** - getMethod, setMethod, isThereARace, isHaveIWon, getWinners, getErrorMessage
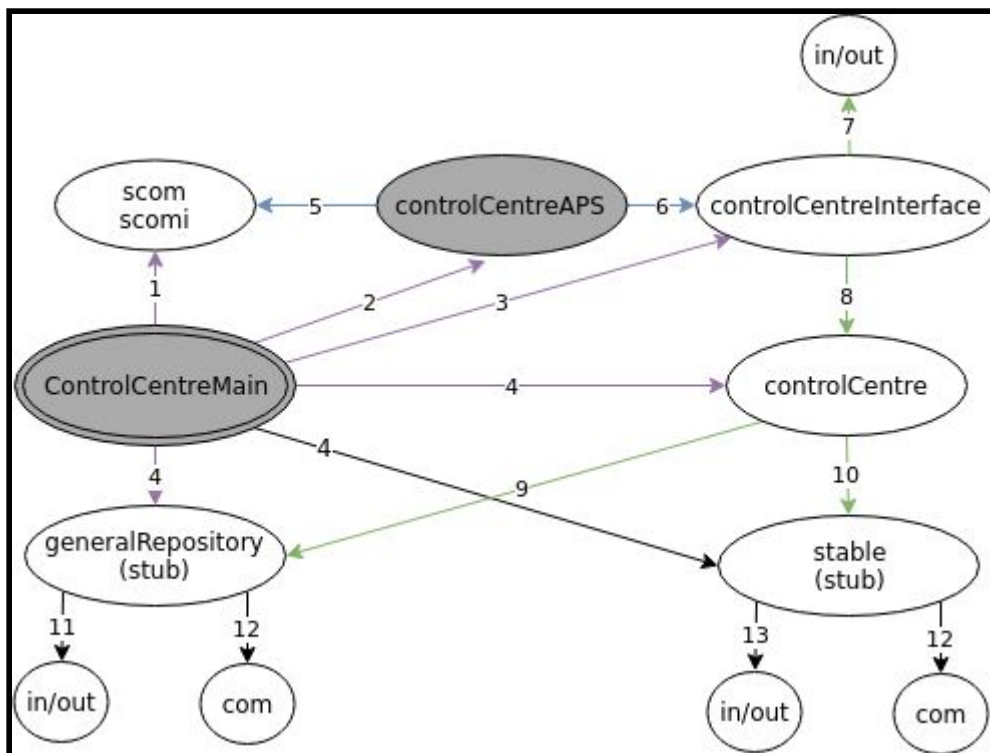
Betting Centre

Caption:

1 - instantiation, accept, start
2 - instantiation, start
3 - instantiation, getRequests
4 - instantiation
5 - readObject, writeObject
6 - processAndReply
7 - getMethod, setMethod, getRaceId, getWallet, getStrategy, getWinners, getEntityId, setErrorMessage
8 - acceptTheBets, areThereAnyWinners, goCollectTheGains, placeABet
9 - setSpectatorsBet, setBrokerState, setSpectatorState, setSpectatorsGains
10 - getRaceOdds
11 - getMethod, setMethod, getErrorMessage
12 - open, writeObject, readObject, close
13 - getMethod, setMethod, getRaceOdds, getRaceId, getRaceIdx, getErrorMessage

Control Centre

Caption:

1 - instantiation, accept, start
2 - instantiation, start
3 - instantiation, getRequests
4 - instantiation
5 - readObject, writeObject
6 - processAndReply
7 - getMethod, setMethod, getRaceId, getStandings, getHorseIdx, getEntityId, setErrorMessage
8 - openTheEvent, summonHorsesToPaddock, waitForNextRace, proceedToPaddock, goCheckHorses, goWatchTheRace, startTheRace, finishTheRace, reportResults, haveIWon, celebrate, relaxABit
9 - setBrokerState, setSpectatorState, initRace, setHorsesStanding
10 - summonHorsesToPaddock
11 - getMethod, setMethod, getErrorMessage
12 - open, writeObject, readObject, close
13 - getMethod, setMethod, getRaceOdds, getRaceId, getRaceIdx, getErrorMessage