## Simulador -veiculos : Veiculo[] -qtdVeiculos : int +Simulador () +getQtdVeiculos (): int +incluirCarro (teclado: Scanner): void +removerCarro (teclado: Scanner): void +mover (teclado : Scanner) : void +moverTodos(): void +pagarIPVA (teclado: Scanner): void +abastecer (): void UsaSimulador +calibrarRodaX (teclado : Scanner) : void +calibrarTodasRodas (teclado : Scanner) : void +main (String [] args) : static void +imprimirPista (): void +imprimirDadosVeiculo (teclado: Scanner): void +imprimirTodosDados (): void +gravarArquivo (): void +lerArquivo (): void +procurarVeiculo (id: int): int +imprimirlds (): void +pedirld (Ler : Scanner) : int +menu(): void 1 1...4 -roda : boolean +Roda() +setCalibragem (acao : boolean) +getCalibragem (): boolean 1...20 +toString (): String Veiculo -id: int -qtdRodas: int -desenho : String [] -rodas : Roda [] -combustivel : double -IPVA: doble -distancia: double -valor : double -valorGasolina: double +Veiculo () +Veiculo (id: int) +Veiculo (id: int, IPVA: boolean, valor: double) +getID (): int +getQtdRodas (): int +getIPVA (): boolean +getCombustivel () : double +getDistancia (): double +getValor (): double +checkRodas (): boolean +setCombustivel (valor : double) : void +setRoda (x: int, acao: boolean): void +setIpva (acao : boolean) : void +desenhaCarro (): void +moverCarro (): void +imprimirDados (): void

Roda