UML Class Diagram for TicketMiner

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<> Event

-id:int
-type:String
-name:String
-date:String
-time:String
-vipPrice:double
-goldPrice:double
-silverPrice:double
-bronzePrice:double
-generalPrice:double
-venue:Venue
-fireworksPlanned:boolean
-fireworksCost:double

+getId():int
+getType():String
+getName():String
+getDate():String
+getTime():String
+getVipPrice():double
+getGoldPrice():double
+getSilverPrice():double
+getBronzePrice():double
+getGeneralPrice():double
+getVenue():Venue
+getFireworksPlanned():boolean
+getFireworksCost():double
+setId(id:int):void
+setType(type:String):void
+setName(name:String):void
+setDate(date:String):void
+setTime(time:String):void
+setVipPrice(vipPrice:double):void
+setGoldPrice(goldPrice:double):void
+setSilverPrice(silverPrice:double):void
+setBronzePrice(bronzePrice:double):void
+setGeneralPrice(generalPrice:double):void
+setVenue(venue:Venue):void
+setFireworksPlanned(fireworksPlanned:boolean):void
+setFireworksCost(fireworksCost:double):void

Ticket

-numTickets:int
-totalPurchasePrice:double
-confirmationNum:int

+getNumTickets():int
+setNumTickets(numTickets:int):void
+getTotalPurchasePrice():double
+setTotalPurchasePrice(totalPurchasePrice:double):void
+getConfirmationNum():int
+setConfirmationNum(confirmationNum:int):void

<> Venue

-name:String
-pctSeatsUnavailable:double
-type:String
-capacity:int
-cost:int
-vipPct:int
-goldPct:int
-silverPct:int
-bronzePct:int
-generalPct:int
-reservedPct:int

+getName():String
+getPctSeatsUnavailable():double
+getType():String
+getCapacity():int
+getCost():int
+getVipPct():int
+getGoldPct():int
+getSilverPct():int
+getBronzePct():int
+getGeneralPct():int
+getReservedPct():int
+setName(name:String):void
+setPctSeatsUnavailable(pctSeatsUnavailable:double):void
+setType(type:String):void
+setCapacity(capacity:int):void
+setCost(cost:int):void
+setVipPct(vipPct:int):void
+setGoldPct(goldPct:int):void
+setSilverPct(silverPct:int):void
+setBronzePct(bronzePct:int):void
+setGeneralPct(generalPct:int):void
+setReservedPct(reservedPct:int):void

RunTicketMiner

+getStringInput(prompt:String):String
+getIntInput(prompt:String):int

Special

Sport

Concert

Stadium

Arena

Auditorium

OpenAir