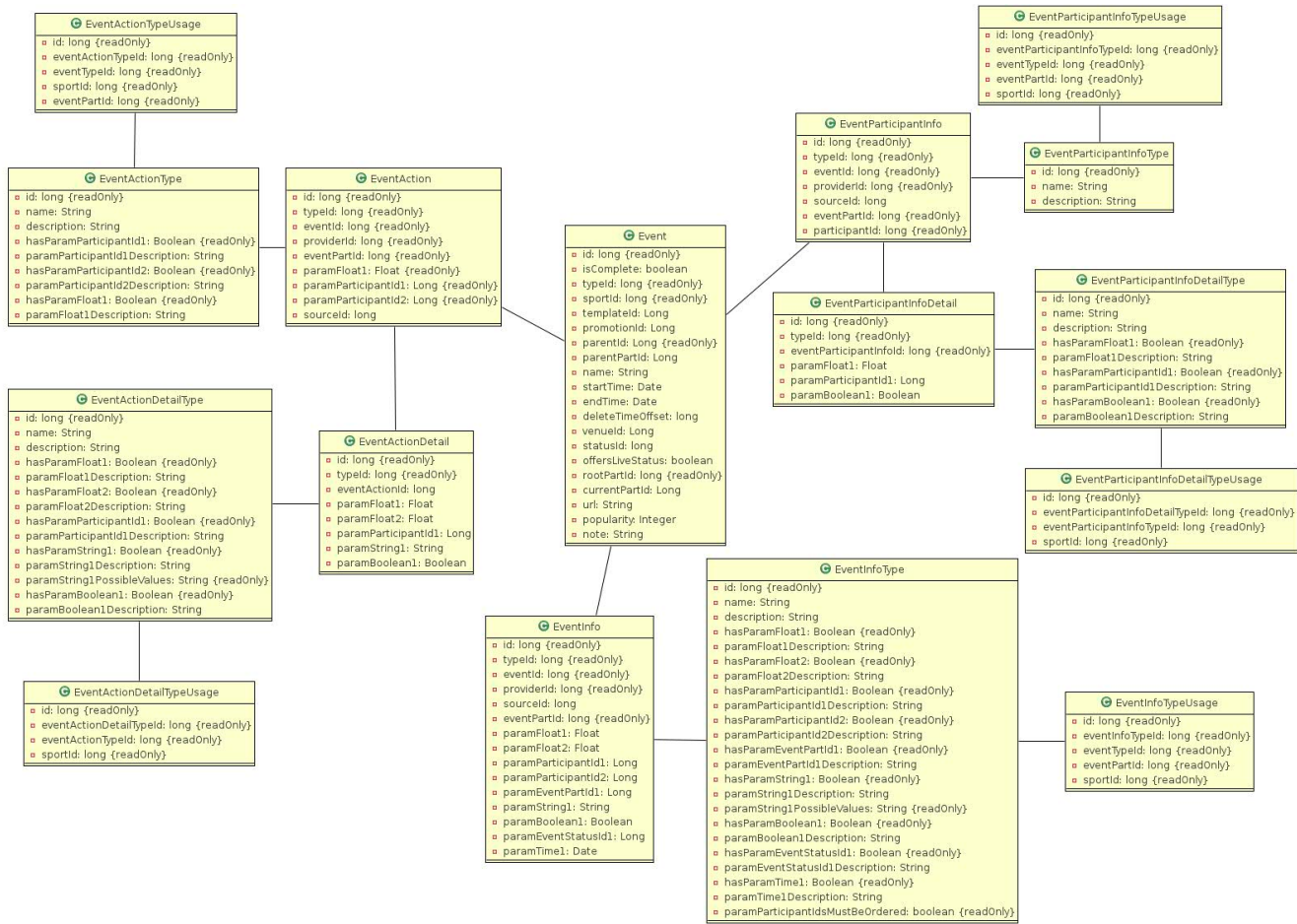


Stats And Scores

1 Diagram



2 Classifiers

2.1 Class Event

Represents a real-world sports event.

Each event has a type that determines its properties.

When splitting an event into sub-events (or event parts), we can choose to model these sub-events either as events or as event parts. We use the following guidelines:

* Model as an event if the sub-event is normally regarded as its own event, e.g. matches within a league.

* Model as an event part if the sub-event is a part of a (fixed) structural breakdown of the (parent) event, e.g. a set within a tennis match.

The concept of rounds (primarily for use with leagues) is modelled as round event parts. See EventPart for more details.

2.1.1 Event attributes

Name	Description

id (long,readOnly)	The unique id of this entity. Cannot be null.
isComplete (boolean)	True if the event is structurally complete, and false otherwise. It cannot be null. An event is structurally complete if all relevant EventParticipantRelation entities exist, and false otherwise.
typeId (long,readOnly)	A reference to the event type. Cannot be null.
sportId (long,readOnly)	A reference to the event sport. Cannot be null.
templateId (Long)	A reference to the event template, or null if none, unknown or not applicable.
promotionId (Long)	<p>A reference to the event to which participants of this event may promote, or null if unknown or not applicable. This is normally used with promotion (and relegation) within league systems.</p> <p>For example, within the English football league system the "Football League One" (level 3) promotes to "Football League Championship" (level 2) which promotes to "Premier League" (level 1).</p> <p>The promotionId can be used to e.g. order league systems into a tree structure for improved user navigation.</p>
parentId (Long,readOnly)	A reference to the parent of this event, or null if none, unknown or not applicable. For example: If a match is part of a cup, then the cup will be the parent of the match.
parentPartId (Long)	<p>A reference into the parent's event part hierarchy at which this event takes/took place, or null if none, unknown, or not applicable.</p> <p>For example, if a match takes/took place within "Round 13" of a league, then the parentPart will refer to "Round 13".</p>
name (String)	The name of the event. Can be null. Its maximum length is 255 characters. For matches, the name will be null, as it can (and should) be automatically inferred from the home/away participant names.
startTime (Date)	The planned start time (in GMT) of the event, or null if unknown or not applicable.
endTime (Date)	The planned end time (in GMT) of the event, or null if unknown or not applicable.
deleteTimeOffset (long)	<p>Specifies the number of milliseconds after event end (according to the statusId property) that this event can be safely deleted (or moved to history). Cannot be null. Must be 0 or greater.</p> <p>There are two primary use cases for having deleteTimeOffset > 0:</p> <ol style="list-style-type: none"> 1) Results. Adding event results (after event end) requires that the event outcomes are still present in the system, or can still be created. This requires that the event itself is still present in the system. 2) Event creation. Many events (e.g. tournaments) are seasonal and quite similar from one season to another. To make event creation is easy (e.g. by copy'n'paste) we want to keep old events in the system until their newer counterparts have been created.
venueId (Long)	<p>A reference to the venue (location) at which the event takes place, or null if unknown or not applicable.</p> <p>If the event takes place a several venues, then the event venue is the smallest aggregate venue. For example: The "English Premiership 2008/2009" league will take place in England.</p>
statusId (long)	A reference to the event status. Cannot be null.
offersLiveStatus (boolean)	True if the event status is (or will be) updated live, and false if not. Cannot be null. The event status is represented by the statusId and currentPartId properties.
rootPartId (long,readOnly)	<p>A reference to the root event part that describes the (fixed) part structure of this event. Cannot be null. A default "empty" root event part hierarchy will be provided. Events with an unknown event part hierarchy can then reference to this.</p> <p>The rootPartId must be determined at event creation time. The creator can determine the rootPart in three ways:</p> <ol style="list-style-type: none"> (1) Use the rootPartId property of an associated event template (if any). (2) Use EventPartDefaultUsage. (3) Custom, i.e. use whatever.
currentPartId (Long)	<p>Refers to the part within the rootPart that is the current part. Is null if the event is not currently taking place, or if the exact current part is not known.</p> <p>For example, for the "Champions League 2008/2009" event, the currentPart can be "Group Phase", "Knockout 1/8", etc.</p> <p>For example, for a football match, the currentPart can be "First Half", "Second Half", etc.</p>

url (String)	A URL associated with the event, or null if none or unknown. If not null then url must be a valid URL. Its maximum length is 255 characters.
popularity (Integer)	<p>A measure of the popularity of this event, or null if unknown. The value (if any) will be zero or greater. The higher the number the more popular the event is.</p> <p>The popularity measure is entirely BetBrain-specific and is used to order events for improved user navigation. It is primarily used to order league systems (within a given sport and country), and to order leagues that promote to the same league (i.e. have the same promotionId).</p>
note (String)	An internal-use-only note. May be null. The maximum length is 255 characters.

2.2 Class EventAction

Represents a zero-time event (or action) within an event, e.g. a goal, a ball possession change, a card given, a substitution, a penalty kick, etc.

Also known as an event incident.

2.2.1 EventAction attributes

Name	Description
id (long,readOnly)	The unique id of this entity. Cannot be null.
typeId (long,readOnly)	A reference to the event action type. Cannot be null.
eventId (long,readOnly)	A reference to the event in which the action occurs. Cannot be null.
providerId (long,readOnly)	A reference to the provider (source) that originally created this action. Cannot be null.
eventPartId (long,readOnly)	A reference to the event part.
paramFloat1 (Float,readOnly)	A generic parameter slot whose value and semantics is determined by the event action type.
paramParticipantId1 (Long,readOnly)	A generic parameter slot whose value and semantics is determined by the event action type. If not null then it is a reference to a participant.
paramParticipantId2 (Long,readOnly)	A generic parameter slot whose value and semantics is determined by the event action type. If not null then it is a reference to a participant.
sourceId (long)	A reference to the source that this event action was collected from. Cannot be null.

2.3 Class EventActionType

Defines the possible types of actions that can take place in an event.

Each event action has a type that determines its properties.

Examples:

- * Event Started (by time)
- * Event Ended (by time)
- * Goal Scored (by participant1)
- * Substitution (out: participant1, in: participant2)
- * Penalty Kick (kicker: participant1)
- * Yellow Card (to participant1)
- * Red Card (to participant1)

2.3.1 EventActionType attributes

Name	Description
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id (long,readOnly)	The unique id of this entity. Cannot be null.
name (String)	The name of the type. The name cannot be null or empty, and it must be unique among types. Its maximum length is 255 characters.
description (String)	A description of the event action type, or null if none. Its maximum length is 255 characters.
hasParamParticipantId1 (Boolean,readOnly)	True if the event action's paramParticipantId1 property will be non-null, false if null, and null if either null or non-null.
paramParticipantId1Description (String)	A description of the paramParticipantId1 property, or null if none. Its maximum length is 255 characters.
hasParamParticipantId2 (Boolean,readOnly)	True if the event action's paramParticipantId2 property will be non-null, false if null, and null if either null or non-null.
paramParticipantId2Description (String)	A description of the paramParticipantId2 property, or null if none. Its maximum length is 255 characters.
hasParamFloat1 (Boolean,readOnly)	True if the event action's paramFloat1 property will be non-null, false if null, and null if either null or non-null.
paramFloat1Description (String)	A description of the paramFloat1 property, or null if none. Its maximum length is 255 characters.

2.4 Class EventActionTypeUsage

Specifies how event action types (and hence their event action instances) can be used across event types, sports and event parts.

The tuple (eventActionTypeId, eventType, sportId, eventPartId) must be unique.

2.4.1 EventActionTypeUsage attributes

Name	Description
id (long,readOnly)	The unique id of this entity. Cannot be null.
eventActionTypeId (long,readOnly)	A reference to the event action type. Cannot be null.
eventType (long,readOnly)	A reference to an event type. Cannot be null.
sportId (long,readOnly)	A reference to a sport. Cannot be null.
eventPartId (long,readOnly)	A reference to the event part. Cannot be null.

2.5 Class EventActionDetail

Represents a detail of an event action.

For example the time of a substitution or the starting time of a game.

2.5.1 EventActionDetail attributes

Name	Description
id (long,readOnly)	The unique id of this entity. Cannot be null.
typeId (long,readOnly)	A reference to the type. Cannot be null.
eventActionId (long)	A reference to the event action. Cannot be null.
paramFloat1 (Float)	A generic parameter slot whose value and semantics is determined by the event action detail type.
paramFloat2 (Float)	A generic parameter slot whose value and semantics is determined by the event action detail type.
paramParticipantId1 (Long)	A generic parameter slot whose value and semantics is determined by the event action detail type. If not null then it is a reference to a participant.

paramString1 (String)	A generic parameter slot whose value and semantics is determined by the event action detail type.
paramBoolean1 (Boolean)	A generic parameter slot whose value and semantics is determined by the event action detail type.

2.6 Class EventActionDetailType

Defines the possible types of event action details that are related to an event action.

Each event action detail has a type that determines its properties.

Examples:

- * Team (by participant1)
- * Loosing Points (by float1)
- * Scoring Method (by string1)
- * Assist (by participant1)
- * Timer (by float1)

2.6.1 EventActionDetailType attributes

Name	Description
id (long,readOnly)	The unique id of this entity. Cannot be null.
name (String)	The name of the event action detail type. Cannot be null or empty, and must be unique among all event action detail types. Its maximum length is 255 characters.
description (String)	A description of the event action detail type, or null if none. Its maximum length is 255 characters.
hasParamFloat1 (Boolean,readOnly)	True if the event action detail's paramFloat1 property will be non-null, false if null, and null if either null or non-null.
paramFloat1Description (String)	A description of the paramFloat1 property, or null if none. Its maximum length is 255 characters.
hasParamFloat2 (Boolean,readOnly)	True if the event action detail's paramFloat2 property will be non-null, false if null, and null if either null or non-null.
paramFloat2Description (String)	A description of the paramFloat2 property, or null if none. Its maximum length is 255 characters.
hasParamParticipantId1 (Boolean,readOnly)	True if the event action detail's paramParticipantId1 property will be non-null, false if null, and null if either null or non-null.
paramParticipantId1Description (String)	A description of the paramParticipantId1 property, or null if none. Its maximum length is 255 characters.
hasParamString1 (Boolean,readOnly)	True if the event action detail's paramString1 property will be non-null, false if null, and null if either null or non-null.
paramString1Description (String)	A description of the paramString1 property, or null if none. Its maximum length is 255 characters.
paramString1PossibleValues (String,readOnly)	Contains the possible (non-null) values of the event action detail's paramString1 property. The values are listed in CSV format. Whether null is a possible value is determined by the hasParamString1 property.
hasParamBoolean1 (Boolean,readOnly)	True if the event action detail's paramBoolean1 property will be non-null, false if null, and null if either null or non-null.
paramBoolean1Description (String)	A description of the paramBoolean1 property, or null if none. Its maximum length is 255 characters.

2.7 Class EventActionDetailTypeUsage

Specifies how event action detail types (and hence their event action detail instances) can be used across event action types and sports.

The tuple (eventActionDetailTypeId, eventActionTypeId, sportId) must be unique.

2.7.1 EventActionDetailTypeUsage attributes

Name	Description
id (long,readOnly)	The unique id of this entity. Cannot be null.
eventActionDetailTypeId (long,readOnly)	A reference to an event action detail type. Cannot be null.
eventActionTypeId (long,readOnly)	A reference to an event action type. Cannot be null.
sportId (long,readOnly)	A reference to a sport. Cannot be null.

2.8 Class EventInfo

Contains statistical information about the incidents (actions) that happen in an event.

For example: the total number of red cards in the event is X.

2.8.1 EventInfo attributes

Name	Description
id (long,readOnly)	The unique id of this entity. Cannot be null.
typeid (long,readOnly)	A reference to the type. Cannot be null.
eventId (long,readOnly)	A reference to the event. Cannot be null.
providerId (long,readOnly)	A reference to the data source provider. Cannot be null.
sourceId (long)	A reference to the source that this event info was collected from. Cannot be null.
eventPartId (long,readOnly)	A reference to the event part. Cannot be null.
paramFloat1 (Float)	A generic parameter slot whose value and semantics is determined by the event info type.
paramFloat2 (Float)	A generic parameter slot whose value and semantics is determined by the event info type.
paramParticipantId1 (Long)	A generic parameter slot whose value and semantics is determined by the event info type. If not null then it is a reference to a participant.
paramParticipantId2 (Long)	A generic parameter slot whose value and semantics is determined by the event info type. If not null then it is a reference to a participant.
paramEventPartId1 (Long)	A generic parameter slot whose value and semantics is determined by the event info type. If not null then it is a reference to an event part.
paramString1 (String)	A generic parameter slot whose value and semantics is determined by the event info type.
paramBoolean1 (Boolean)	A generic parameter slot whose value and semantics is determined by the event info type.
paramEventStatusId1 (Long)	A generic parameter slot whose value and semantics is determined by the event info type. If not null then it is a reference to an event status.
paramTime1 (Date)	A generic parameter slot whose value and semantics is determined by the event info type.

2.9 Class EventInfoType

Defines the possible types of event infos that can take place in an event.

Each event info has a type that determines its properties.

Examples:

* Score (by float1, float2, participant1, participant2)

* Possession (by participant1)

* Suspensions (by float1, float2, participant1, participant2)

* Corners (by float1, float2, participant1, participant2)

2.9.1 EventInfoType attributes

Name	Description
id (long,readOnly)	The unique id of this entity. Cannot be null.
name (String)	The name of the type. The name cannot be null or empty, and it must be unique among types. Its maximum length is 255 characters.
description (String)	A description of this type. May be null. The maximum length is 255 characters.
hasParamFloat1 (Boolean,readOnly)	True if the event info's paramFloat1 property will be non-null, false if null, and null if either null or non-null.
paramFloat1Description (String)	A description of the paramFloat1 property, or null if none. Its maximum length is 255 characters.
hasParamFloat2 (Boolean,readOnly)	True if the event info's paramFloat2 property will be non-null, false if null, and null if either null or non-null.
paramFloat2Description (String)	A description of the paramFloat2 property, or null if none. Its maximum length is 255 characters.
hasParamParticipantId1 (Boolean,readOnly)	True if the event info's paramParticipantId1 property will be non-null, false if null, and null if either null or non-null.
paramParticipantId1Description (String)	A description of the paramParticipantId1 property, or null if none. Its maximum length is 255 characters.
hasParamParticipantId2 (Boolean,readOnly)	True if the event info's paramParticipantId2 property will be non-null, false if null, and null if either null or non-null.
paramParticipantId2Description (String)	A description of the paramParticipantId2 property, or null if none. Its maximum length is 255 characters.
hasParamEventPartId1 (Boolean,readOnly)	True if the event info's paramEventPartId1 property will be non-null, false if null, and null if either null or non-null.
paramEventPartId1Description (String)	A description of the paramEventPartId1 property, or null if none. Its maximum length is 255 characters.
hasParamString1 (Boolean,readOnly)	True if the event info's paramString1 property will be non-null, false if null, and null if either null or non-null.
paramString1Description (String)	A description of the paramString1 property, or null if none. Its maximum length is 255 characters.
paramString1PossibleValues (String,readOnly)	Contains the possible (non-null) values of the event info's paramString1 property. The values are listed in CSV format. Whether null is a possible value is determined by the hasParamString1 property.
hasParamBoolean1 (Boolean,readOnly)	True if the event info's paramBoolean1 property will be non-null, false if null, and null if either null or non-null.
paramBoolean1Description (String)	A description of the paramBoolean1 property, or null if none. Its maximum length is 255 characters.
hasParamEventStatusId1 (Boolean,readOnly)	True if the event info's paramEventStatusId1 property will be non-null, false if null, and null if either null or non-null.
paramEventStatusId1Description (String)	A description of the paramEventStatusId1 property, or null if none. Its maximum length is 255 characters.
hasParamTime1 (Boolean,readOnly)	True if the event info's paramTime1 property will be non-null, false if null, and null if either null or non-null.

paramTime1Description (String)	A description of the paramTime1 property, or null if none. Its maximum length is 255 characters.
paramParticipantMustBeOrdered (boolean,readOnly)	Specifies if the event info's paramParticipantId1 and paramParticipantId2 properties must be ascending ordered. It can be true only if hasParamParticipantId1 and hasParamParticipantId2 are true.

2.10 Class EventInfoTypeUsage

Specifies how event info types (and hence their event info instances) can be used across event types, event parts and sports.

The tuple (eventInfoTypeId, eventTypeId, eventPartId, sportId) must be unique.

2.10.1 EventInfoTypeUsage attributes

Name	Description
id (long,readOnly)	The unique id of this entity. Cannot be null.
eventInfoTypeId (long,readOnly)	A reference to an event info type. Cannot be null.
eventTypeId (long,readOnly)	A reference to an event type. Cannot be null.
eventPartId (long,readOnly)	A reference to an event action part. Cannot be null.
sportId (long,readOnly)	A reference to a sport. Cannot be null.

2.11 Class EventParticipantInfo

Contains information about the participants that take part in an event.

2.11.1 EventParticipantInfo attributes

Name	Description
id (long,readOnly)	The unique id of this entity. Cannot be null.
typeId (long,readOnly)	A reference to the type. Cannot be null.
eventId (long,readOnly)	A reference to the event. Cannot be null.
providerId (long,readOnly)	A reference to the data source provider. Cannot be null.
sourceId (long)	A reference to the source that this event participant info was collected from. Cannot be null.
eventPartId (long,readOnly)	A reference to the event part. Cannot be null.
participantId (long,readOnly)	A reference to the participant. Cannot be null.

2.12 Class EventParticipantInfoType

Defines the possible types of participant infos that can take place in an event.

Each event participant info has a type that determines its properties.

Examples:

* Lineup (by participant)

2.12.1 EventParticipantInfoType attributes

Name	Description
id (long,readOnly)	The unique id of this entity. Cannot be null.

name (String)	The name of the type. The name cannot be null or empty, and it must be unique among types. Its maximum length is 255 characters.
description (String)	A description of this type. May be null. The maximum length is 255 characters.

2.13 Class EventParticipantInfoTypeUsage

Specifies how event participant info types (and hence their event participant info instances) can be used across event types, event parts and sports.

The tuple (eventParticipantInfoTypeId, eventTypeId, eventPartId, sportId) must be unique.

2.13.1 EventParticipantInfoTypeUsage attributes

Name	Description
id (long,readOnly)	The unique id of this entity. Cannot be null.
eventParticipantInfoTypeId (long,readOnly)	A reference to an event participant info type. Cannot be null.
eventId (long,readOnly)	A reference to an event type. Cannot be null.
eventPartId (long,readOnly)	A reference to an event part. Cannot be null.
sportId (long,readOnly)	A reference to a sport. Cannot be null.

2.14 Class EventParticipantInfoDetail

Represents a detail of an event participant info.

For example the shirt number or the team of a participant that is part of an event when the game begins.

2.14.1 EventParticipantInfoDetail attributes

Name	Description
id (long,readOnly)	The unique id of this entity. Cannot be null.
typeId (long,readOnly)	A reference to the type. Cannot be null.
eventParticipantInfoId (long,readOnly)	A reference to the event participant info. Cannot be null.
paramFloat1 (Float)	A generic parameter slot whose value and semantics is determined by the event participant info detail type.
paramParticipantId1 (Long)	A generic parameter slot whose value and semantics is determined by the event participant info detail type. If not null then it is a reference to a participant.
paramBoolean1 (Boolean)	A generic parameter slot whose value and semantics is determined by the event participant info detail type.

2.15 Class EventParticipantInfoDetailType

Defines the possible types of event participant info details that are related to an event participant info.

Each event participant info detail has a type that determines its properties.

Examples:

* Shirt Number (by float1)

* Player Team (by participant1)

* Substitute (by boolean1)

2.15.1 EventParticipantInfoDetailType attributes

Name	Description
id (long,readOnly)	The unique id of this entity. Cannot be null.
name (String)	The name of the type. The name cannot be null or empty, and it must be unique among types. Its maximum length is 255 characters.
description (String)	A description of this type. May be null. The maximum length is 255 characters.
hasParamFloat1 (Boolean,readOnly)	True if the event participant info detail's paramFloat1 property will be non-null, false if null, and null if either null or non-null.
paramFloat1Description (String)	A description of the paramFloat1 property, or null if none. Its maximum length is 255 characters.
hasParamParticipantId1 (Boolean,readOnly)	True if the event participant info detail's paramParticipantId1 property will be non-null, false if null, and null if either null or non-null.
paramParticipantId1Description (String)	A description of the paramParticipantId1 property, or null if none. Its maximum length is 255 characters.
hasParamBoolean1 (Boolean,readOnly)	True if the event participant info detail's paramBoolean1 property will be non-null, false if null, and null if either null or non-null.
paramBoolean1Description (String)	A description of the paramBoolean1 property, or null if none. Its maximum length is 255 characters.

2.16 Class EventParticipantInfoDetailTypeUsage

Specifies how event participant info detail types (and hence their event participant info detail instances) can be used across event participant info types and sports.

The tuple (eventParticipantInfoDetailTypeId, eventParticipantInfoTypeId, sportId) must be unique.

2.16.1 EventParticipantInfoDetailTypeUsage attributes

Name	Description
id (long,readOnly)	The unique id of this entity. Cannot be null.
eventParticipantInfoDetailTypeId (long,readOnly)	A reference to an event participant info detail type. Cannot be null.
eventParticipantInfoTypeId (long,readOnly)	A reference to an event participant info type. Cannot be null.
sportId (long,readOnly)	A reference to a sport. Cannot be null.