

Schema documentation for massdot-itms-events-feed.xsd

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Schema(s)

Main schema massdot-itms-events-feed.xsd

Properties	attribute form default: unqualified
	element form default: unqualified

Element(s)

Element EventsFeed

Annotations	Root element for the feed.
Diagram	
Properties	content: complex
Model	UpdateTimestamp , Events
Children	Events, UpdateTimestamp
Instance	<pre><EventsFeed> <UpdateTimestamp>{1,1}</UpdateTimestamp> <Events>{1,1}</Events> </EventsFeed></pre>
Source	<pre><xs:element name="EventsFeed"> <xs:annotation> <xs:documentation>Root element for the feed.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="UpdateTimestamp" type="xs:dateTime"> <xs:annotation> <xs:documentation source="DYNAC-generated element at the time of feed publishing">Date/ Time when this instance of the feed was published.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Events"></pre>

```

<xs:annotation>
  <xs:documentation source="DYNAC-generated, minus unconfirmed events">Includes all
published planned/unplanned events.</xs:documentation>
</xs:annotation>
<xs:complexType>
  <xs:choice minOccurs="0" maxOccurs="unbounded">
    <xs:element name="PlannedEvent" type="plannedEvent">
      <xs:annotation>
        <xs:documentation source="DYNAC DSM-based user input, minus the type exclusions">A
planned event that affects the roadway - e.g. planned construction work.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="UnplannedEvent" type="unplannedEvent">
      <xs:annotation>
        <xs:documentation source="DYNAC DSM-based user input, minus the type exclusions">An
unplanned event that is affecting the roadway - e.g. a crash.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:choice>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

```

Element EventsFeed / UpdateTimestamp

Annotations	DYNAC-generated element at the time of feed publishing Date/Time when this instance of the feed was published.
Diagram	
Type	xs:dateTime
Properties	content: simple
Source	<pre> <xs:element name="UpdateTimestamp" type="xs:dateTime"> <xs:annotation> <xs:documentation source="DYNAC-generated element at the time of feed publishing">Date/Time when this instance of the feed was published.</xs:documentation> </xs:annotation> </xs:element> </pre>

Element EventsFeed / Events

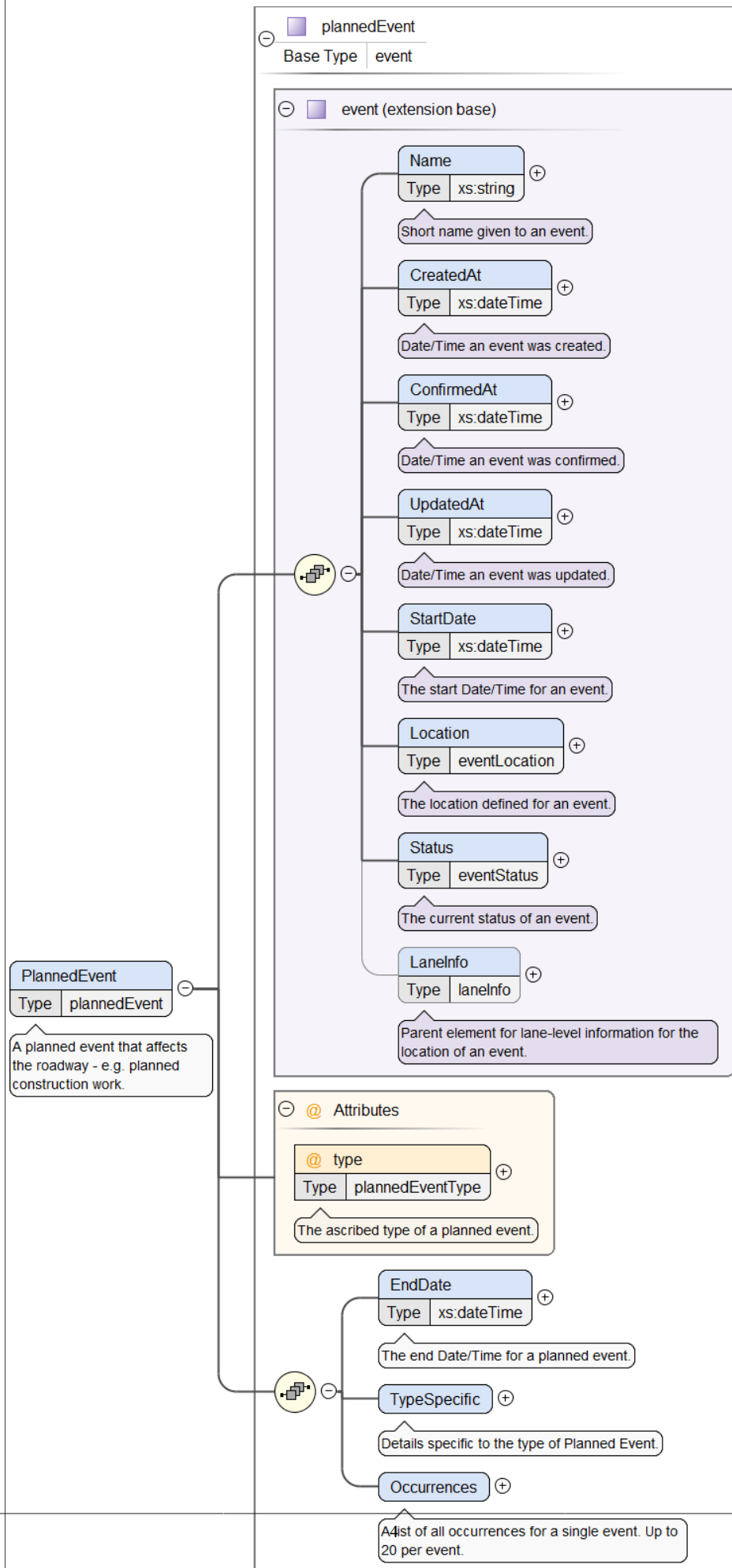
Annotations	DYNAC-generated, minus unconfirmed events Includes all published planned/unplanned events.
Diagram	
Properties	content: complex
Model	PlannedEvent UnplannedEvent
Children	PlannedEvent, UnplannedEvent
Instance	<pre> <Events> <PlannedEvent type=" " {1,1}</PlannedEvent> </pre>

	<pre> <UnplannedEvent category="">>{1,1}</UnplannedEvent> </Events> </pre>
Source	<pre> <xs:element name="Events"> <xs:annotation> <xs:documentation source="DYNAC-generated, minus unconfirmed events">Includes all published planned/unplanned events.</xs:documentation> </xs:annotation> <xs:complexType> <xs:choice minOccurs="0" maxOccurs="unbounded"> <xs:element name="PlannedEvent" type="plannedEvent"> <xs:annotation> <xs:documentation source="DYNAC DSM-based user input, minus the type exclusions">A planned event that affects the roadway - e.g. planned construction work.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="UnplannedEvent" type="unplannedEvent"> <xs:annotation> <xs:documentation source="DYNAC DSM-based user input, minus the type exclusions">An unplanned event that is affecting the roadway - e.g. a crash.</xs:documentation> </xs:annotation> </xs:element> </xs:choice> </xs:complexType> </xs:element> </pre>

Element EventsFeed / Events / PlannedEvent

Annotations	<p>DYNAC DSM-based user input, minus the type exclusions</p> <p>A planned event that affects the roadway - e.g. planned construction work.</p>
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Diagram

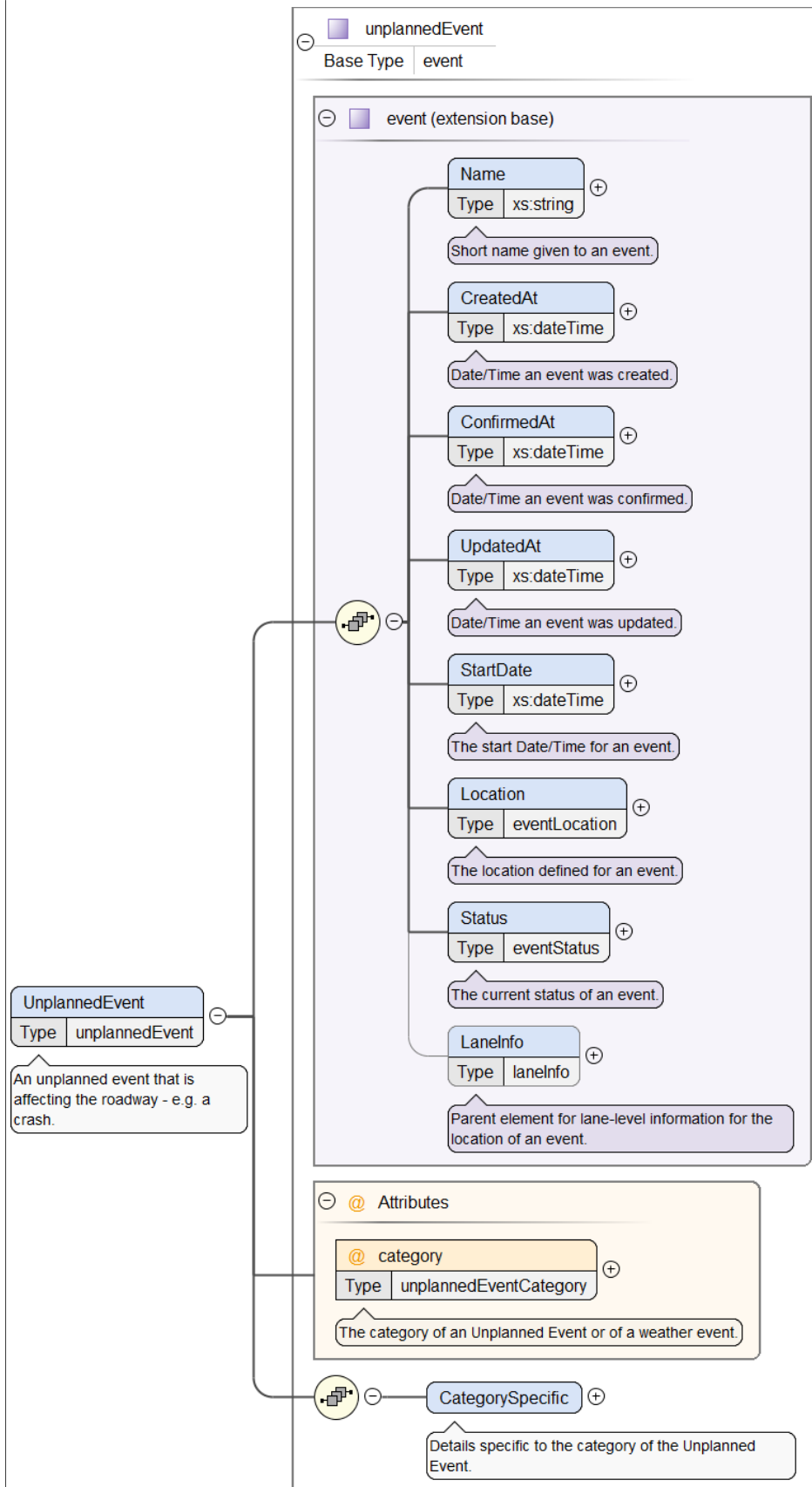


Type	plannedEvent			
Type hierarchy	<ul style="list-style-type: none">event<ul style="list-style-type: none">plannedEvent			
Properties	content: complex			
Model	Name , CreatedAt , ConfirmedAt , UpdatedAt , StartDate , Location , Status , LaneInfo{0,1} , EndDate , TypeSpecific , Occurrences			
Children	ConfirmedAt, CreatedAt, EndDate, LaneInfo, Location, Name, Occurrences, StartDate, Status, TypeSpecific, UpdatedAt			
Instance	<pre><PlannedEvent type=""> <Name>{1,1}</Name> <CreatedAt>{1,1}</CreatedAt> <ConfirmedAt>{1,1}</ConfirmedAt> <UpdatedAt>{1,1}</UpdatedAt> <StartDate>{1,1}</StartDate> <Location>{1,1}</Location> <Status>{1,1}</Status> <LaneInfo>{0,1}</LaneInfo> <EndDate>{1,1}</EndDate> <TypeSpecific>{1,1}</TypeSpecific> <Occurrences>{1,1}</Occurrences> </PlannedEvent></pre>			
Attributes	QName	Type	Use	
	type	plannedEventType	required	
		DYNAC DSM-based user input The ascribed type of a planned event.		
Source	<pre><xs:element name="PlannedEvent" type="plannedEvent"> <xs:annotation> <xs:documentation source="DYNAC DSM-based user input, minus the type exclusions">A planned event that affects the roadway - e.g. planned construction work.</xs:documentation> </xs:annotation> </xs:element></pre>			

Element EventsFeed / Events / UnplannedEvent

Annotations	DYNAC DSM-based user input, minus the type exclusions An unplanned event that is affecting the roadway - e.g. a crash.
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Diagram



Type	unplannedEvent
Type hierarchy	<ul style="list-style-type: none"> event unplannedEvent

Properties	content: complex			
Model	Name , CreatedAt , ConfirmedAt , UpdatedAt , StartDate , Location , Status , LaneInfo{0,1} , CategorySpecific			
Children	CategorySpecific, ConfirmedAt, CreatedAt, LaneInfo, Location, Name, StartDate, Status, UpdatedAt			
Instance	<pre><UnplannedEvent category=""> <Name>{1,1}</Name> <CreatedAt>{1,1}</CreatedAt> <ConfirmedAt>{1,1}</ConfirmedAt> <UpdatedAt>{1,1}</UpdatedAt> <StartDate>{1,1}</StartDate> <Location>{1,1}</Location> <Status>{1,1}</Status> <LaneInfo>{0,1}</LaneInfo> <CategorySpecific>{1,1}</CategorySpecific> </UnplannedEvent></pre>			
Attributes	QName	Type	Use	
	category	unplannedEventCategory	required	
		DYNAC DSM-based user input		
		The category of an Unplanned Event or of a weather event.		
Source	<pre><xs:element name="UnplannedEvent" type="unplannedEvent"> <xs:annotation> <xs:documentation source="DYNAC DSM-based user input, minus the type exclusions">An unplanned event that is affecting the roadway - e.g. a crash.</xs:documentation> </xs:annotation> </xs:element></pre>			