

epcis:EPCISDocument	
"id"	: URI or blank node (optional)
rdf:type	: epcis:EPCISDocument
dcterms:created	: xsd:dateTime
owl:versionId	: xsd:string ["2.0"]
epcis:epcisBody	: epcis:EPCISDocumentBody

epcis:EPCISDocumentBody	
rdf:type	: epcis:EPCISDocumentBody
epcis:eventList	: epcis:EPCISEvent [1..*]

epcis:EPCISEvent	
"eventID"	: <ni:// ...> (optional)
rdf:type	: epcis:EPCISEvent
epcis:eventTime	: xsd:dateTimeStamp
epcis:eventTimeZoneOffset	: xsd:string
epcis:recordTime	: xsd:dateTimeStamp [0..1]
epcis:errorDeclaration	: epcis:ErrorDeclaration [0..1]
epcis:certification	: gs1:CertificationDetails [0..*]
<<extension point>>	

epcis:ErrorDeclaration	
rdf:type	: epcis:ErrorDeclaration
epcis:declarationTime	: xsd:dateTimeStamp
epcis:reason	: cbv:ER [0..1]
epcis:correctiveEventIDs	: epcis:EPCISEvent [0..*]
<<extension point>>	

epcis:ObjectEvent	
rdf:type	: epcis:ObjectEvent
epcis:epcList	: gs1:IndividualObject [0..*]
epcis:action	: xsd:string ("ADD" "OBSERVE" "DELETE")
epcis:bizStep	: cbv: BizStep [0..1]
epcis:disposition	: cbv: Disp [0..1]
epcis:persistentDisposition	: epcis: PersistentDisposition [0..1]
epcis:readPoint	: gs1: Place [0..1]
epcis:bizLocation	: gs1: Place [0..1]
epcis:bizTransactionList	: epcis: BizTransaction [0..*]
epcis:quantityList	: epcis: QuantityElement [0..*]
epcis:sourceList	: epcis: SourceOrDestination [0..*]
epcis:destinationList	: epcis: SourceOrDestination [0..*]
epcis:sensorElementList	: epcis: SensorElement [0..*]
<<extension point>>	

epcis:AggregationEvent	
rdf:type	: epcis:AggregationEvent
epcis:parentID	: gs1: IndividualObject
epcis:childEPCs	: gs1: IndividualObject [0..*]
epcis:action	: xsd:string ("ADD" "OBSERVE" "DELETE")
epcis:bizStep	: cbv: BizStep [0..1]
epcis:disposition	: cbv: Disp [0..1]
epcis:persistentDisposition	: epcis: PersistentDisposition [0..1]
epcis:readPoint	: gs1: Place [0..1]
epcis:bizLocation	: gs1: Place [0..1]
epcis:bizTransactionList	: epcis: BizTransaction [0..*]
epcis:childQuantityList	: epcis: QuantityElement [0..*]
epcis:sourceList	: epcis: SourceOrDestination [0..*]
epcis:destinationList	: epcis: SourceOrDestination [0..*]
epcis:sensorElementList	: epcis: SensorElement [0..*]
<<extension point>>	

epcis:AssociationEvent	
rdf:type	: epcis:AssociationEvent
epcis:parentID	: gs1: IndividualObject, gs1: Place
epcis:childEPCs	: gs1: IndividualObject [0..*]
epcis:action	: xsd:string ("ADD" "OBSERVE" "DELETE")
epcis:bizStep	: cbv: BizStep [0..1]
epcis:disposition	: cbv: Disp [0..1]
epcis:persistentDisposition	: epcis: PersistentDisposition [0..1]
epcis:readPoint	: gs1: Place [0..1]
epcis:bizLocation	: gs1: Place [0..1]
epcis:bizTransactionList	: epcis: BizTransaction [0..*]
epcis:childQuantityList	: epcis: QuantityElement [0..*]
epcis:sourceList	: epcis: SourceOrDestination [0..*]
epcis:destinationList	: epcis: SourceOrDestination [0..*]
epcis:sensorElementList	: epcis: SensorElement [0..*]
<<extension point>>	

epcis:TransactionEvent	
rdf:type	: epcis:TransactionEvent
epcis:bizTransactionList	: epcis: BizTransaction [1..*]
epcis:parentID	: gs1: IndividualObject [0..1]
epcis:epcList	: gs1: IndividualObject [0..*]
epcis:action	: xsd:string ("ADD" "OBSERVE" "DELETE")
epcis:bizStep	: cbv: BizStep [0..1]
epcis:disposition	: cbv: Disp [0..1]
epcis:persistentDisposition	: epcis: PersistentDisposition [0..1]
epcis:readPoint	: gs1: Place [0..1]
epcis:bizLocation	: gs1: Place [0..1]
epcis:quantityList	: epcis: QuantityElement [0..*]
epcis:sourceList	: epcis: SourceOrDestination [0..*]
epcis:destinationList	: epcis: SourceOrDestination [0..*]
epcis:sensorElementList	: epcis: SensorElement [0..*]
<<extension point>>	

epcis:TransformationEvent	
rdf:type	: epcis:TransformationEvent
epcis:inputEPCList	: gs1: IndividualObject [0..*]
epcis:inputQuantityList	: epcis: QuantityElement [0..*]
epcis:outputEPCList	: gs1: IndividualObject [0..*]
epcis:outputQuantityList	: epcis: QuantityElement [0..*]
epcis:transformationID	: epcis: Transformation [0..1]
epcis:bizStep	: cbv: BizStep [0..1]
epcis:disposition	: cbv: Disp [0..1]
epcis:persistentDisposition	: epcis: PersistentDisposition [0..1]
epcis:readPoint	: gs1: Place [0..1]
epcis:bizLocation	: gs1: Place [0..1]
epcis:bizTransactionList	: epcis: BizTransaction [0..*]
epcis:sourceList	: epcis: SourceOrDestination [0..*]
epcis:destinationList	: epcis: SourceOrDestination [0..*]
epcis:sensorElementList	: epcis: SensorElement [0..*]
<<extension point>>	

epcis:PersistentDisposition	
rdf:type	: epcis:PersistentDisposition
epcis:set	: cbv:Disp [0..*]
epcis:unset	: cbv:Disp [0..*]

epcis:SensorMetadata	
rdf:type	: epcis:SensorMetadata
epcis:time	: xsd:dateTimeStamp [0..1]
epcis:startTime	: xsd:dateTimeStamp [0..1]
epcis:endTime	: xsd:dateTimeStamp [0..1]
epcis:deviceID	: URI [0..1] (no defined class)
epcis:deviceMetadata	: URI [0..1] (no defined class)
epcis:rawData	: URI [0..1] (no defined class)
epcis:ProcessingMethod	: URI [0..1] (no defined class)
epcis:bizrules	: URI [0..1] (no defined class)
<<extension point>>	

epcis:SensorReport	
rdf:type	: epcis:SensorReport
epcis:time	: xsd:dateTimeStamp [0..1]
epcis:deviceID	: URI [0..1] (no defined class)
epcis:deviceMetadata	: URI [0..1] (no defined class)
epcis:rawData	: URI [0..1] (no defined class)
epcis:dataProcessingMethod	: URI [0..1] (no defined class)
epcis:measurementType	: gs1: MeasurementType [0..1]
epcis:exception	: gs1: SensorAlertType [0..1]
epcis:microorganism	: URI [0..1] (no defined class)
epcis:chemicalSubstance	: URI [0..1] (no defined class)
epcis:value	: xsd:double [0..1]
epcis:component	: cbv: Comp [0..1]
epcis:coordinateReferenceSystem	: URI [0..1] (no defined class)
epcis:stringValue	: xsd:string [0..1]
epcis:booleanValue	: xsd:boolean [0..1]
epcis:hexBinaryValue	: xsd:hexBinary [0..1]
epcis:uriValue	: URI [0..1] (no defined class)
epcis:minValue	: xsd:double [0..1]
epcis:maxValue	: xsd:double [0..1]
epcis:meanValue	: xsd:double [0..1]
epcis:Dev	: xsd:double [0..1]
epcis:percRank	: xsd:double [0..1]
epcis:percValue	: xsd:double [0..1]
epcis:uom	: xsd:string [0..1] (UNECE Rec20 UoM list)
<<extension point>>	

epcis: BizTransaction	
epcis:bizTransaction	: URI
rdf:type	: epcis: BizTransaction
epcis:bizTransactionType	: cbv: BTT [0..1]

epcis: QuantityElement	
rdf:type	: epcis: QuantityElement
epcis:epcClass	: gs1: Product, gs1: ProductBatch
epcis:quantity	: xsd:double
epcis:uom	: xsd:string [0..1] (UNECE Rec20 UoM list)

epcis: SourceOrDestination	
"id"	: URI or blank node (optional)
rdf:type	: epcis: SourceOrDestination
epcis:sourceOrDestinationType	: cbv: SDT
epcis:sourceOrDestination	: gs1: Place, gs1: Organization

epcis: SensorElement	
rdf:type	: epcis: SensorElement
epcis:sensorMetadata	: epcis: SensorMetadata [0..1]
epcis:sensorReport	: epcis: SensorReport [1..*]
<<extension point>>	

