



# TEAMCENTER

## Contract Data Management — Deployment and Administration

Teamcenter 2412

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# Contents


<b>Install Contract Data Management using Deployment Center</b>	1-1
<b>Configuring contract data management</b>	
Configure attaching a DRI or its revision to a contract	2-1
Configure attaching a submittal or its revision to a submittal task	2-1
<b>Contract data management objects</b>	
Contract data management objects	3-1
Cdm0Contract attributes	3-1
Cdm0ContractRevision attribute	3-1
Cdm0DataReqItem attribute	3-3
Cdm0DataReqItemRevision attribute	3-4
Fnd0StaticTable attribute	3-6
Cdm0EventsTable attribute	3-7
Cdm0DID attribute	3-8
Cdm0DIDRevision attribute	3-8
Cdm0Submittal attribute	3-9
Cdm0SubmittalRevision attribute	3-9
Cdm0Correspondence attribute	3-11
Cdm0CorrespondenceRevision attribute	3-12
Cdm0IsDescribedbyDID attribute	3-12
Cdm0ListsDRISubmittalSch attribute	3-13
Cdm0ListsDRISubmittal attribute	3-13
Cdm0ListsCorspSubmittals attribute	3-14
Cdm0ListsCorspRefltems attribute	3-14
Cdm0ListsContractDRI attribute	3-15



# 1. Install Contract Data Management using Deployment Center

You can install Contract Data Management using Deployment Center as follows:

## Procedure

1. Log on to Deployment Center and select the environment to which you want to add Contract Data Management.
2. Go to the **Applications** task. Click **Add or Remove Selected Applications** .
3. In the **Available Applications** panel, use the web browser search to find **Contract Data Management**.

Select the application, and then click **Update Selected Applications**.

Deployment Center automatically selects any additional dependent applications.

4. Go to the **Components** task.
5. In the **Selected Components** list, note any components whose configuration status is not **100%**. Select each incomplete component, enter required parameters, and save component settings until all components in the environment show a configuration status of **100%**.

When all components are fully configured, the **Deploy** task is enabled.

6. Go to the **Deploy** task. Click **Generate Install Scripts** to generate deployment scripts you will use to update affected machines.

When script generation is complete, note any special instructions in the **Deploy Instructions** panel.

7. Locate deployment scripts, copy each script to its target machine, and then run each script on its target machine.

For more information about running deployment scripts, see *Deployment Center — Usage*.



## 2. Configuring contract data management

### Configure attaching a DRI or its revision to a contract

You can attach a data requirement item (DRI) or its item revision to a contract. This is controlled using the preference **Cdm0AllowedDRIType**.

The default value of this preference is *Cdm0DataReqItem*. This attaches a DRI to a contract. To attach the item revision to the contract instead, modify the value of this preference to *Cdm0DataReqItemRevision*.

### Configure attaching a submittal or its revision to a submittal task

You can attach a submittal or its item revision to a submittal task on generating a submittal delivery schedule. This is controlled using the preference **AttachSubmittalTypeRev**.

The default value of this preference is *false*. This attaches the submittal to a submittal task. To attach the submittal revision to a submittal task instead, modify the value of this preference to *true*.



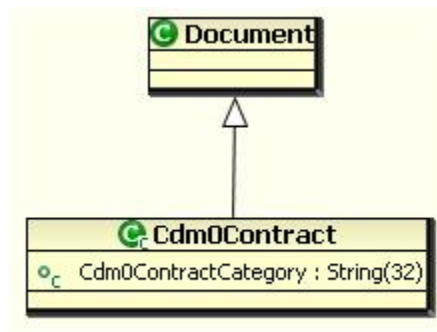
# 3. Contract data management objects

## Contract data management objects

**Cdm0Contract** is a subtype of the **Document** item type and represents the contract document used in document-centric programs.

**Cdm0Contract** is a primary business object that stores and represents contract data. A *contract* is a structured procurement document listing the milestones and the schedule dates of the contract event.

The following figure illustrates the **Cdm0Contract** data model.



## Cdm0Contract attributes

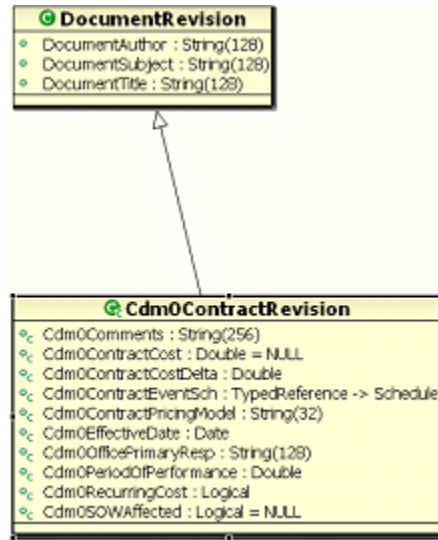
**Cdm0Contract** items are identified in the system by a **Cdm0** property. The **Cdm0Contract** item is provided by the **contractmanagement** template.

The following table lists the attributes of the **Cdm0** class.

Attribute name	Storage type	Description
<b>Cdm0Contract Category</b>	<b>String(32)</b>	Classifies contract item, for example, <b>CONTRACT</b> , <b>TWO</b> , and <b>PO</b> .

## Cdm0ContractRevision attribute

The **Cdm0ContractRevision** class is used to store and represent contract revision data. Data requirement items are associated with the contract revision data.



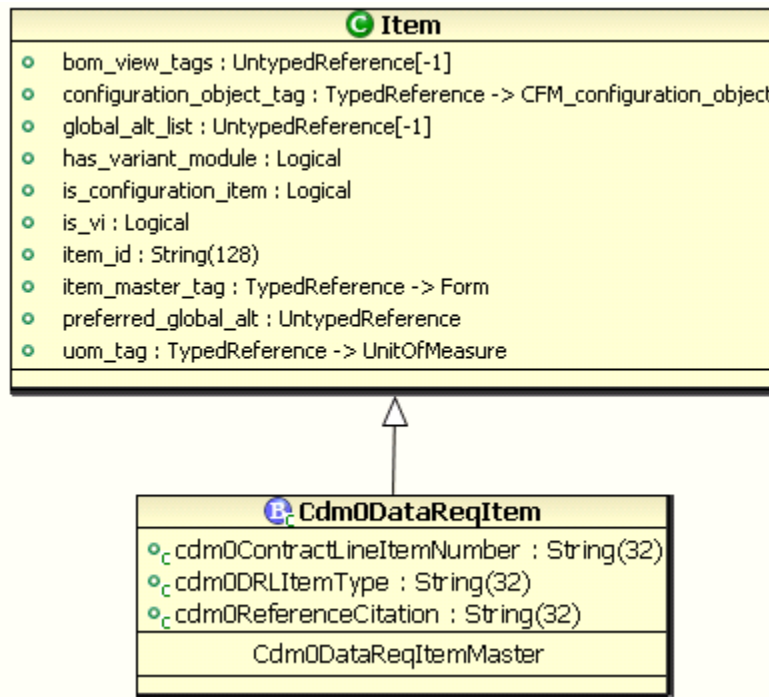
The following table lists the attributes of the **Cdm0ContractRevision** class.

Attribute name	Storage type	Description
<b>Cdm0ContractCost</b>	<b>Double</b>	Specifies the total cost of the contract. Contract cost also includes the addition to the cost delta incurred due to modification.
<b>Cdm0Contract PricingModel</b>	<b>String(32)</b>	Specifies the payment forms for the contract, for example, cost plus fixed fee.
<b>Cdm0EffectiveDate</b>	<b>Date</b>	Specifies the date from which the contract is effective.
<b>Cdm0Contract EventSch</b>	<b>Typed Reference</b> (Contract event schedule)	Specifies the milestones for the contract.
<b>Cdm0Comments</b>	<b>String(256)</b>	Specifies any special remarks related to the contract.
<b>Cdm0Contract CostDelta</b>	<b>Double</b>	Specifies the relationship between the current contract cost and the inherent future contract cost that may arise due to modification of the contract.
<b>Cdm0Office PrimaryResp</b>	<b>String(128)</b>	Specifies the name of the person or a role responsible for the review and acceptance of the contract.
<b>Cdm0Period OfPerformance</b>	<b>Double</b>	Specifies the duration of the contract. The duration the time period as specified in the contract. It is expressed in months.

Attribute name	Storage type	Description
Cdm0Recurring Cost	Logical	Specifies whether the contract cost is recurring cost.
Cdm0SOWAffected	Logical	Specifies whether the statement of work for the contract is affected due to contract modification.

## Cdm0DataReqItem attribute

The **Cdm0DataReqItem** class is used to store and represent data requirement item data. Data requirement items data are associated with the contract revision.



The following table lists the attributes of the **Cdm0DataReqItem** class.

Attribute name	Storage type	Description
Cdm0ContractLine ItemNumber	String(32)	Specifies the section ID within the contract. This section describes how a specific task must be accomplished.
Cdm0Contract Reference	String(128)	The unique identifier for the contract on which the part is created.

Attribute name	Storage type	Description
Cdm0Contract TypedRef	Typed Reference	Specifies the contract.
cdm0ProvideRec ContractDel	Boolean	Specifies the type of contract data deliverable that is submitted by the customer or the supplier.  Select <b>True</b> to provide contract deliverable for the supplier to review.  Select <b>False</b> to receive contract deliverable from the supplier.
Cdm0Reference Citation	String(32)	Specifies the ID of a specific reference content in the document.

## Cdm0DataReqItemRevision attribute

The `Cdm0DataReqItemRevision` class is used to store and represent data requirement item revision data.

ItemRevision
<ul style="list-style-type: none"> <li>◊ declared_options : TypedReference[-1] -&gt; POption</li> <li>◊ gde_bvr_lst : TypedReference[-1] -&gt; GDEbvr</li> <li>◊ has_variant_module : Boolean</li> <li>◊ item_master_tag : TypedReference -&gt; Form</li> <li>◊ item_revision_id : String(32)</li> <li>◊ items_tag : TypedReference -&gt; Item</li> <li>◊ sequence_anchor : TypedReference -&gt; Anchor</li> <li>◊ sequence_id : Integer = 1</li> <li>◊ sequence_limit : Integer = 3</li> <li>◊ structure_revisions : TypedReference[-1] -&gt; PSBOMViewRevision</li> <li>◊ used_options : TypedReference[-1] -&gt; POption</li> <li>◊ variant_expression_block : TypedReference -&gt; VariantExpressionBlock</li> </ul>
Cdm0DataReqItemRevision
<ul style="list-style-type: none"> <li>◊ cdm0Addressee : TypedReference[-1] -&gt; CompanyContact</li> <li>◊ cdm0ApprovalCode : String(32)</li> <li>◊ cdm0ApprovalRequired : Boolean</li> <li>◊ cdm0CertRequired : Boolean</li> <li>◊ cdm0Comments : String(256)</li> <li>◊ cdm0ContractReference : String(32)</li> <li>◊ cdm0DeliveryAddress : String(128)</li> <li>◊ cdm0DeliveryMechanism : String(32)</li> <li>◊ cdm0DIDTitle : String(64)</li> <li>◊ cdm0DistributionRequired : Boolean</li> <li>◊ cdm0DRISubTitle : String(64)</li> <li>◊ cdm0EffCutoffEventDesc : String(256)</li> <li>◊ cdm0EffectiveCutoffDate : Date</li> <li>◊ cdm0ExhibitName : String(32)</li> <li>◊ cdm0Frequency : String(32)</li> <li>◊ cdm0MediaType : String(32)</li> <li>◊ cdm0OfficePrResp : String(128)</li> <li>◊ cdm0OPRNotifDueOffset : Integer</li> <li>◊ cdm0ResponseDueOffset : Integer</li> <li>◊ cdm0ShippingDocumentReqd : Boolean</li> <li>◊ cdm0SubmitFlowThru : Boolean</li> <li>◊ cdm0SubmitPurpose : String(32)</li> <li>◊ cdm0SubmitQuantity : Integer</li> <li>◊ cdm0UnitPrice : TypedReference -&gt; Static Table</li> </ul>

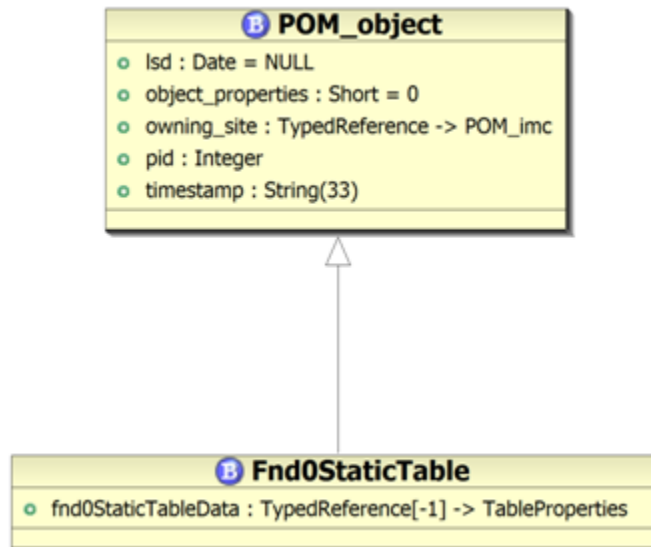
The following table lists the attributes of the **Cdm0DataReqItemRevision** class.

Attribute name	Storage type	Description
<b>cdm0Addressee</b>	<b>Typed reference</b> (company contact)	Specifies the list of contacts who receive the contract documents.
<b>cdm0ApprovalCode</b>	<b>String(32)</b>	Specifies the approval code for the data requirement item revision.
<b>cdm0Approval Required</b>	<b>Logical</b>	Specifies whether the customer must approve the data item.
<b>cdm0CertRequired</b>	<b>Logical</b>	Specifies whether the submitted data item requires certification.
<b>cdm0Comments</b>	<b>String(256)</b>	Specifies any comments concerning the item.
<b>cdm0Contact Reference</b>	<b>String(32)</b>	Specifies the ID of the contact reference.
<b>cdm0DataMgmt DueOffset</b>	<b>Integer</b>	Specifies the offset of the data management due date.
<b>cdm0Delivery Address</b>	<b>String(128)</b>	Specifies the delivery address of the customer or the supplier.
<b>cdm0Delivery Mechanism</b>	<b>String(32)</b>	Specifies the mode of delivery of the contract.
<b>cdm0DIDTitle</b>	<b>String(64)</b>	Specifies the title of the data item description document.
<b>cdm0Distribution Required</b>	<b>Logical</b>	Specifies whether any documentation related to the item should be distributed.
<b>cdm0DRISubTitle</b>	<b>String(64)</b>	Specifies the subtitle of the data requirement item.
<b>cdm0EffCutoff EventDesc</b>	<b>String(256)</b>	Specifies the date that data collection for the document is to stop.
<b>cdm0Effective CutoffDate</b>	<b>Date</b>	Specifies the last date for data collection.
<b>cdm0EventList</b>	<b>Typed Reference</b> (Fnd0StaticTable)	Specifies the event table for generating event schedule.
<b>Cdm0ExhibitName</b>	<b>String(32)</b>	Specifies the ID of a particular data item in a data item description document.
<b>Cdm0MediaType</b>	<b>String</b>	Specifies the format of the data, for example, electrostatic, microfilm, and so on.

Attribute name	Storage type	Description
Cdm0OfficePriResp	String(128)	Specifies the name of the contacts, groups, or role responsible for reviewing the data item.
Cdm0OPRNotifDue Offset	Integer	Specifies the last date for the creation of the notification to the office of the primary reviewers.
Cdm0Response DueOffset	Integer	Specifies the offset to the response due date.
Cdm0Shipping DocumentReqd	Logical	Specifies whether <b>DD Form 250</b> is required for the delivery of the data item.
Cdm0SubmitFlow Thru	Logical	Specifies whether a supplier's data requirement item should be submitted as a customer's data requirement item.
Cdm0Submit Purpose	String(32)	Specifies the purpose of the submitted data item.
Cdm0Submit Quantity	Integer	Specifies the number of copies required for submission.

## Fnd0StaticTable attribute

The `Fnd0StaticTable` class is used to store the rows for tabular data.

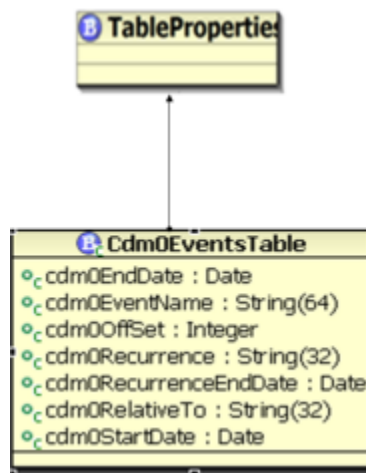


The following table lists the attributes of the `Fnd0StaticTable` class.

Attribute name	Storage type	Description
<b>fnd0StaticTable Data</b>	<b>TypedReference</b> (TableProperties)	Specifies the variable length array attribute of the <b>TableProperties</b> class that stores the rows for the data in the event table.

## Cdm0EventsTable attribute

The **Cdm0EventsTable** class is used to store event data in the data requirement item (DRI) event table.

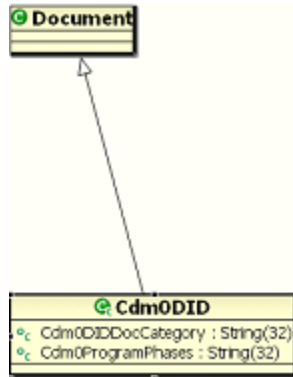


The following table lists the attributes of the **Cdm0EventsTable** class.

Attribute name	Storage type	Description
<b>cdm0EndDate</b>	<b>Date</b>	Specifies the event end date.
<b>cdm0EventName</b>	<b>String(64)</b>	Specifies the contract event name.
<b>cdm0Offset</b>	<b>Integer</b>	Specifies the offset used for calculating the submittal due date for calculating the first submittal delivery.
<b>cdm0Recurrence</b>	<b>String(32)</b>	Specifies frequency of the submittal delivery event.
<b>cdm0StartDate</b>	<b>Date</b>	Specifies the event start date.
<b>cdm0RelativeTo</b>	<b>String(32)</b>	Denotes the relation of the offset to either the start date or the end date.
<b>cdm0Recurrence EndDate</b>	<b>Date</b>	Specifies the last date for event schedule.

## Cdm0DID attribute

The **Cdm0DID** class is used to store and represent data item description data. A data item description specifies the content and the format of the data item requirement item.

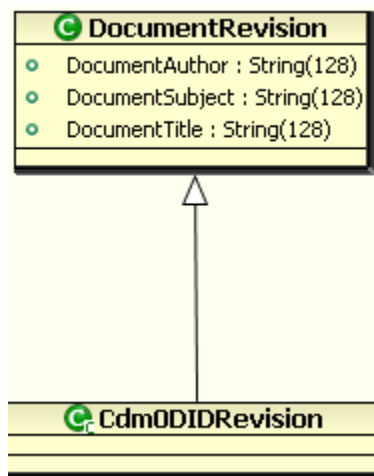


The following table lists the attributes of the **Cdm0EventsTable** class.

Attribute name	Storage type	Description
<b>Cdm0DIDDocCategory</b>	<b>String(32)</b>	Specifies user-defined attribute for classifying document items.
<b>Cdm0ProgramPhases</b>	<b>String(32)</b>	Specifies the program application for the specified DID type.

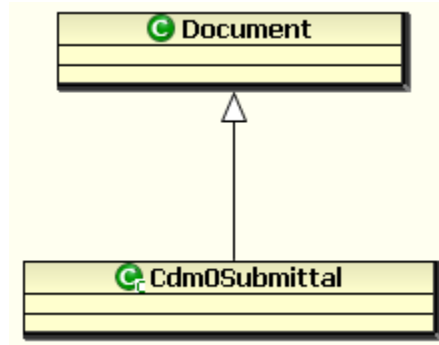
## Cdm0DIDRevision attribute

The **Cdm0DIDRevision** class is used to represent relation between the data item description and **Cdm0DataReqItemRevision** class.



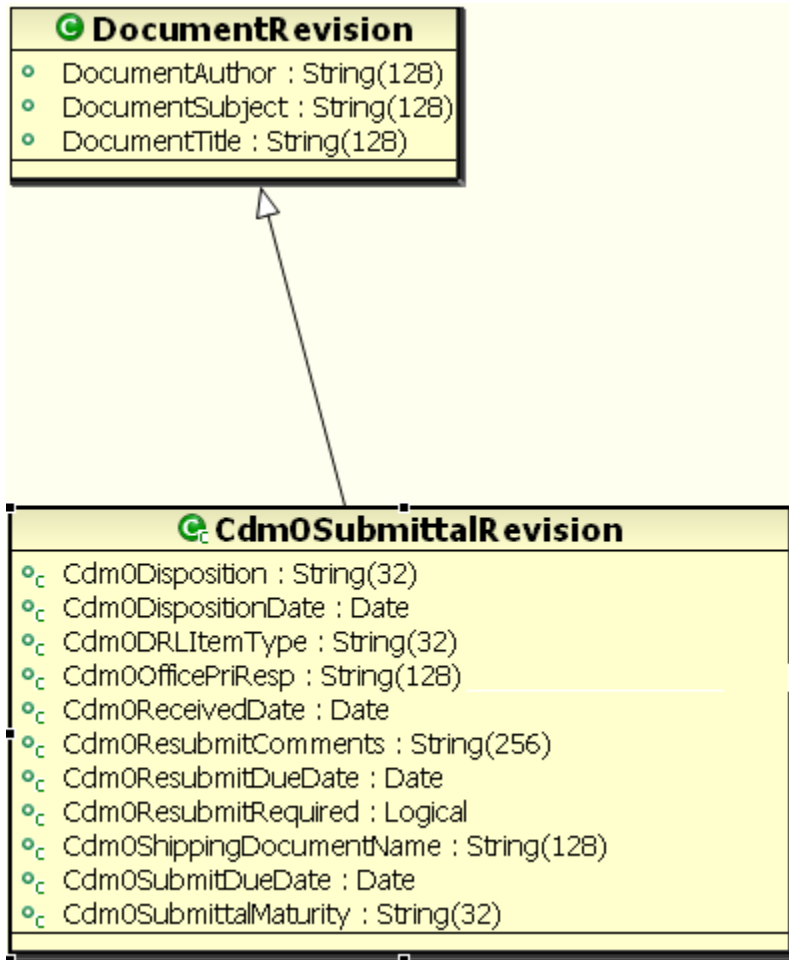
## Cdm0Submittal attribute

The **Cdm0Submittal** class is used to store and represent data item submittal package or document to support the requirement of generating submittal delivery schedule for data requirement item. Submittal represents the data item submittal package or documentation that relates to the actual documents submitted.



## Cdm0SubmittalRevision attribute

The **Cdm0SubmittalRevision** class is used to store and represent submittal revision data.



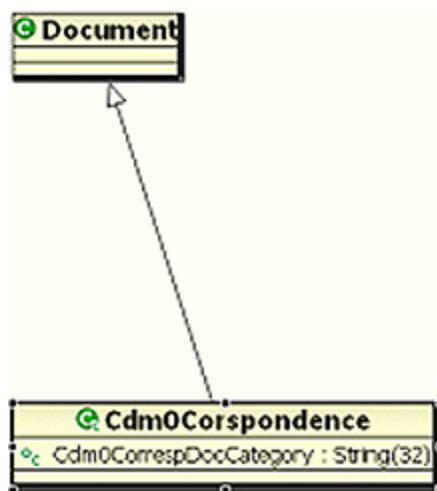
The following table lists the attributes of the **Cdm0SubmittalRevision** class.

Attribute name	Storage type	Description
<b>Cdm0Disposition</b>	<b>String(32)</b>	Specifies the unique identifier for <b>DD Form 250</b> prepared for the contract deliveries.
<b>Cdm0ReceivedDate</b>	<b>Date</b>	Specifies the date when an item is received from the supplier or a date when the item is sent to a customer.
<b>Cdm0Resubmit DueDate</b>	<b>Date</b>	Specifies the due date of the contract data item to the customer.
<b>Cdm0Submit DueDate</b>	<b>Date</b>	Specifies the due date of the contract data item to the customer.
<b>Cdm0Submittal Maturity</b>	<b>String(32)</b>	Specifies the data item submittal stage, for example, draft, or final.

Attribute name	Storage type	Description
Cdm0Disposition Date	Date	Specifies the disposition or the incorporation level of a change or submittal.
Cdm0OfficePriResp	String(128)	Specifies the person, group, or the role responsible for reviewing acknowledging the data item submittal.
Cdm0Resubmit Comments	String(256)	Specifies customer's comments during resubmittal.
Cdm0Resubmit Required	Logical	Specifies whether the data item must be submitted again.
Cdm0DRLLItem Type	String(32)	Specifies whether the data item requirement is from a customer or a supplier.
Cdm0Shipping DocumentName	String(128)	Specifies the ID of <b>DD Form 250</b> that is prepared to support contract deliveries.

## Cdm0Correspondence attribute

The **Cdm0Correspondence** class is used to store and represent correspondence data.



The following table lists the attributes of the **Cdm0Correspondence** class.

Attribute name	Storage type	Description
Cdm0CorrespDoc Category	String(32)	Specifies a category of similar technical documents, for example, assembly drawing, wire list, or material specification.

## Cdm0CorrespondenceRevision attribute

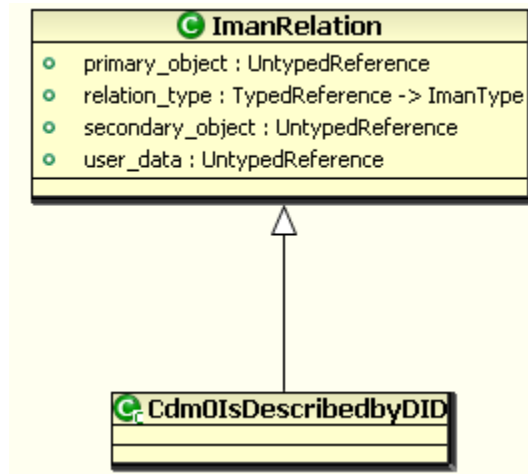
The **Cdm0CorrespondenceRevision** class is used to store and represent correspondence revision data.

The following table lists the attributes of the **Cdm0CorrespondenceRevision** class.

Attribute name	Storage type	Description
<b>Cdm0Category</b>	<b>String(32)</b>	Specifies correspondence category, for example, memo.
<b>Cdm0Correspondence Direction</b>	<b>String(32)</b>	Specifies whether it is an incoming or an outgoing correspondence.
<b>Cdm0Priority</b>	<b>String(32)</b>	Specifies the priority level for accomplishing the task.
<b>Cdm0ReceivedorSent Date</b>	<b>Date</b>	Specifies the date of correspondence from the supplier or the customer.
<b>Cdm0ReceivedOrgName</b>	<b>String(32)</b>	Specifies the name of the receiving organization.
<b>Cdm0References</b>	<b>String(32)</b>	Specifies the list of references.
<b>Cdm0ReplyRequested Date</b>	<b>Date</b>	Specifies the date of expected reply.
<b>Cdm0ReplyRequired</b>	<b>Logical</b>	Specifies whether a reply is required or not.
<b>Cdm0ResponsibleParty</b>	<b>String(32)</b>	Specifies the person or roles responsible for replying.

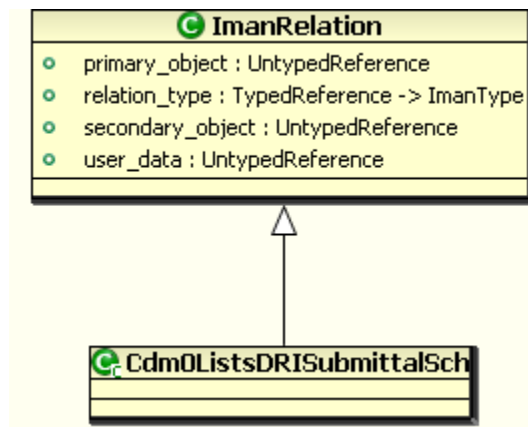
## Cdm0IsDescribedbyDID attribute

The **Cdm0IsDescribedbyDID** class is used to represent relation between **Cdm0DIDRevision** and **Cdm0DataReqItem Revision** to support the requirement of creating the data requirement item revision and associating it with the contract revision.



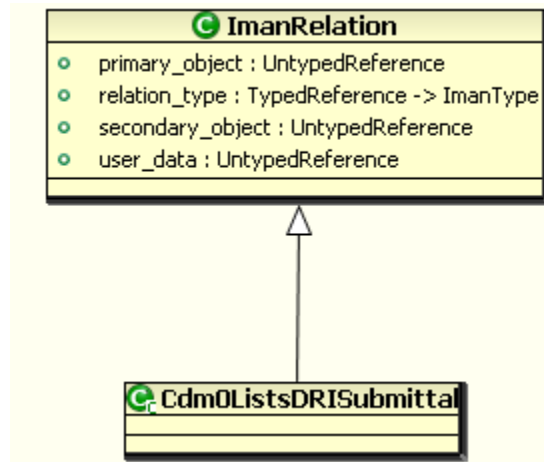
## Cdm0ListsDRISubmittalSch attribute

The **Cdm0ListsDRISubmittalSch** class is used to represent relation between the data requirement item revision and the submittal delivery schedule.



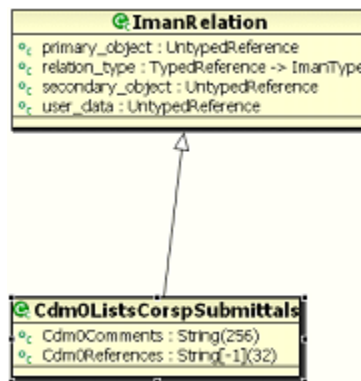
## Cdm0ListsDRISubmittal attribute

The **Cdm0ListsDRISubmittalSch** class is used to represent relation between **Cdm0DataReqItemRevision** and submittal of the data item submittal package or documentation that relates to the actual documents submitted.



## Cdm0ListsCorspSubmittals attribute

The **Cdm0ListsCorspSubmittals** class is used to represent relation between **Cdm0SubmittalRevision** and **Cdm0CorspodenceRevision**.

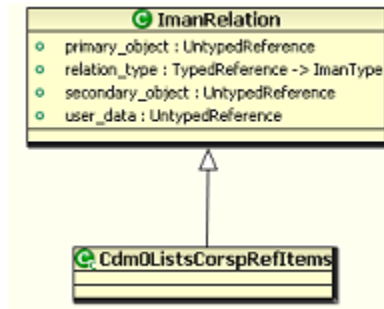


The following table lists the attributes of the **Cdm0ListsCorspSubmittals** class.

Attribute name	Storage type	Description
Cdm0Comments	String(256)	Specifies any comments concerning the item.
Cdm0References	String [-1] (32)	Specifies the list of references.

## Cdm0ListsCorspRefItems attribute

The **Cdm0ListsCorspRefItems** class is used to represent relation between **Cdm0CorpordenceRevision** and **Cdm0ContractRevision**.



## Cdm0ListsContractDRI attribute

The **Cdm0ListsContractDRI** class is used to represent relation between **Cdm0ContractRevision** and **Cdm0DataReqItemRevision**.

