

[MS-DTSX2]: Data Transformation Services Package XML Version 2 File Format

This topic lists the Errata found in the MS-DTSX2 document since it was last published. Since this topic is updated frequently, we recommend that you subscribe to these RSS or Atom feeds to receive update notifications.



[RSS](#)



[Atom](#)

Errata are subject to the same terms as the Open Specifications documentation referenced.

Errata below are for Data Portability Document Version [V10.0 – 2021/06/10](#).

Errata Published*	Description
2021/09/21	<p>In multiple sections, the name of the ForEachEnumerator element was clarified.</p> <p>The following change was made to the text in sections 2.6.1, ExecutableType Instance for Pipeline Task, 2.6.3.1, ExecutableType Instance for CDC Control Task, 2.6.3.3, ExecutableType Instance for AS Execute DDL Task, through 2.6.3.27, ExecutableType Instance for XML Task, and 2.6.4.1, ExecutableType Instance for Backup Task, through 2.6.4.1, ExecutableType Instance for Update Statistics Task.</p> <p>Changed from:</p> <ul style="list-style-type: none"> ▪ This Executable element MUST NOT contain a ForEachEnumerators element. <p>Changed to:</p> <ul style="list-style-type: none"> ▪ This Executable element MUST NOT contain a ForEachEnumerator element. <p>The following change was made to the XSD in sections 2.6.1, ExecutableType Instance for Pipeline Task, 2.6.2.3, ExecutableType Instance for Sequence, 2.6.3.1, ExecutableType Instance for CDC Control Task, through 2.6.3.27, ExecutableType Instance for XML Task, and 2.6.4.1, ExecutableType Instance for Backup Task, through 2.6.4.1, ExecutableType Instance for Update Statistics Task.</p> <p>Changed from:</p> <pre><xs:element name="ForEachEnumerators" type="DTS:ForEachEnumeratorsType" minOccurs="0" maxOccurs="0"/></pre> <p>Changed to:</p> <pre><xs:element name="ForEachEnumerator" type="DTS:ForEachEnumeratorType" minOccurs="0" maxOccurs="0"/></pre>
2021/09/21	<p>In section 2.6.4.6, ExecutableType Instance for Notify Operator Task, the name of the OperatorNotifyList element was clarified.</p>

Errata Published*	Description									
	<p>Changed from:</p> <ul style="list-style-type: none"> ▪ . . . This instance of the SqlTaskData element MUST NOT contain elements except for the NotifyOperator element. . . . <p>Changed to:</p> <ul style="list-style-type: none"> ▪ . . . This instance of the SqlTaskData element MUST NOT contain elements except for the OperatorNotifyList element. . . . 									
2021/09/21	<p>In section 2.7.1.1.1.3.1, PipelineComponentInputType, the properties element was added to the XSD and the table.</p> <p>Changed from:</p> <pre data-bbox="500 835 1333 1121"><xs:complexType name="PipelineComponentInputType"> <xs:sequence> <xs:element name="inputColumns" type="DTS:PipelineComponentInputColumnsType" minOccurs="0" form="unqualified"/> <xs:element name="externalMetadataColumns" type="DTS:PipelineComponentMetadataColumnsType" minOccurs="0" form="unqualified"/> </xs:sequence> <xs:attributeGroup ref="DTS:PipelineComponentInputOutputElementAttributeGroup"/> </xs:complexType></pre> <p>The following table specifies the elements of the PipelineComponentInputType complex type.</p> <table border="1" data-bbox="464 1234 1414 1486"> <thead> <tr> <th>Element</th> <th>Type definition</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>inputColumns</td> <td>PipelineComponentInputColumnsType</td> <td>A complex type that specifies a collection of input columns that are associated with the input element.</td> </tr> <tr> <td>. . .</td> <td>. . .</td> <td>. . .</td> </tr> </tbody> </table> <p>Changed to:</p> <pre data-bbox="500 1583 1305 1896"><xs:complexType name="PipelineComponentInputType"> <xs:sequence> <xs:element name="properties" type="DTS:PipelineComponentInputPropertiesType" minOccurs="0" form="unqualified"/> <xs:element name="inputColumns" type="DTS:PipelineComponentInputColumnsType" minOccurs="0" form="unqualified"/> <xs:element name="externalMetadataColumns" type="DTS:PipelineComponentMetadataColumnsType" minOccurs="0" form="unqualified"/> </xs:sequence> <xs:attributeGroup</pre>	Element	Type definition	Description	inputColumns	PipelineComponentInputColumnsType	A complex type that specifies a collection of input columns that are associated with the input element.
Element	Type definition	Description								
inputColumns	PipelineComponentInputColumnsType	A complex type that specifies a collection of input columns that are associated with the input element.								
.								

Errata Published*	Description												
	<pre>ref="DTS:PipelineComponentInputOutputElementAttributeGroup"/> </xs:complexType></pre> <p>The following table specifies the elements of the PipelineComponentInputType complex type.</p> <table border="1" data-bbox="464 436 1414 816"> <thead> <tr> <th data-bbox="464 436 643 485">Element</th> <th data-bbox="643 436 1092 485">Type definition</th> <th data-bbox="1092 436 1414 485">Description</th> </tr> </thead> <tbody> <tr> <td data-bbox="464 485 643 611">properties</td> <td data-bbox="643 485 1092 611">PipelineComponentInputPropertiesType</td> <td data-bbox="1092 485 1414 611">A complex type that specifies a collection of properties for an input element.</td> </tr> <tr> <td data-bbox="464 611 643 768">inputColumns</td> <td data-bbox="643 611 1092 768">PipelineComponentInputColumnsType</td> <td data-bbox="1092 611 1414 768">A complex type that specifies a collection of input columns that are associated with the input element.</td> </tr> <tr> <td data-bbox="464 768 643 816">...</td> <td data-bbox="643 768 1092 816">...</td> <td data-bbox="1092 768 1414 816">...</td> </tr> </tbody> </table>	Element	Type definition	Description	properties	PipelineComponentInputPropertiesType	A complex type that specifies a collection of properties for an input element.	inputColumns	PipelineComponentInputColumnsType	A complex type that specifies a collection of input columns that are associated with the input element.
Element	Type definition	Description											
properties	PipelineComponentInputPropertiesType	A complex type that specifies a collection of properties for an input element.											
inputColumns	PipelineComponentInputColumnsType	A complex type that specifies a collection of input columns that are associated with the input element.											
...											
2021/09/21	<p>In section 2.7.1.1.1.1.3.1.3, PipelineComponentInputColumnPropertiesType, the Fuzzy Grouping and Fuzzy Lookup components of the PipelineComponentInputColumnPropertyNameEnum type were clarified.</p> <p>Changed from:</p> <pre><!--Fuzzy Grouping, Fuzzy Lookup--> <xs:enumeration value="ToBeCleaned"/> <xs:enumeration value="ExactFuzzy"/> <xs:enumeration value="LeadingTrailingNumeralsSignificant"/> <xs:enumeration value="MinSimilarity"/> <xs:enumeration value="FuzzyComparisonFlags"/></pre> <p>Changed to:</p> <pre><!--Fuzzy Grouping--> <xs:enumeration value="ToBeCleaned"/> <xs:enumeration value="ExactFuzzy"/> <xs:enumeration value="LeadingTrailingNumeralsSignificant"/> <xs:enumeration value="MinSimilarity"/> <xs:enumeration value="FuzzyComparisonFlags"/> <!--Fuzzy Lookup--> <xs:enumeration value="JoinType"/> <xs:enumeration value="ExactFuzzy"/> <xs:enumeration value="JoinToReferenceColumn"/> <xs:enumeration value="FuzzyComparisonFlags"/> <xs:enumeration value="FuzzyComparisonFlagsEx"/></pre>												
2021/09/21	<p>In section 2.7.1.11.1.1.1.1, SqlTaskDatabaseSelectionTypeEnum, the name of the applicable attribute was clarified.</p> <p>Changed from:</p>												

Errata Published*	Description														
	<p>The SqlTaskDatabaseSelectionTypeEnum type contains the enumeration values for the SelectionType attribute.</p> <p>Changed to:</p> <p>The SqlTaskDatabaseSelectionTypeEnum type contains the enumeration values for the DatabaseSelectionType attribute.</p>														
2021/09/21	<p>In section 2.7.1.11.1.1.1.10, BackupTaskAttributeGroup, the type of the BackupCompressionAction attribute was clarified.</p> <p>Changed from:</p> <pre data-bbox="527 688 1193 737"><xs:attribute name="BackupCompressionAction" type="SQLTask:BackupCompressionEnum"/></pre> <p>Changed to:</p> <pre data-bbox="527 842 1266 890"><xs:attribute name="BackupCompressionAction" type="SQLTask:BackupCompressionActionEnum"/></pre>														
2021/09/21	<p>In section 2.7.1.15.3, ScriptProjectBreakpointType, the description of the Condition attribute was clarified.</p> <p>Changed from:</p> <table border="1" data-bbox="462 1121 1414 1503"> <thead> <tr> <th data-bbox="462 1121 602 1171">Attribute</th> <th data-bbox="602 1121 1414 1171">Description</th> </tr> </thead> <tbody> <tr> <td data-bbox="462 1171 602 1222">...</td> <td data-bbox="602 1171 1414 1222">...</td> </tr> <tr> <td data-bbox="462 1222 602 1451">Condition</td> <td data-bbox="602 1222 1414 1451"> A string value that specifies a condition that can be evaluated as a Boolean to determine whether the breakpoint is fired. Whether the breakpoint is fired depends on this Condition value and on the values of the following attributes: ConditionType HitCount HitType </td> </tr> <tr> <td data-bbox="462 1451 602 1503">...</td> <td data-bbox="602 1451 1414 1503">...</td> </tr> </tbody> </table> <p>Changed to:</p> <table border="1" data-bbox="462 1577 1414 1877"> <thead> <tr> <th data-bbox="462 1577 602 1627">Attribute</th> <th data-bbox="602 1577 1414 1627">Description</th> </tr> </thead> <tbody> <tr> <td data-bbox="462 1627 602 1680">...</td> <td data-bbox="602 1627 1414 1680">...</td> </tr> <tr> <td data-bbox="462 1680 602 1877">Condition</td> <td data-bbox="602 1680 1414 1877"> A string value that specifies a condition that can be evaluated as a Boolean to determine whether the breakpoint is fired. Whether the breakpoint is fired depends on this Condition value and on the values of the following attributes: ConditionType HitCount </td> </tr> </tbody> </table>	Attribute	Description	Condition	A string value that specifies a condition that can be evaluated as a Boolean to determine whether the breakpoint is fired. Whether the breakpoint is fired depends on this Condition value and on the values of the following attributes: ConditionType HitCount HitType	Attribute	Description	Condition	A string value that specifies a condition that can be evaluated as a Boolean to determine whether the breakpoint is fired. Whether the breakpoint is fired depends on this Condition value and on the values of the following attributes: ConditionType HitCount
Attribute	Description														
...	...														
Condition	A string value that specifies a condition that can be evaluated as a Boolean to determine whether the breakpoint is fired. Whether the breakpoint is fired depends on this Condition value and on the values of the following attributes: ConditionType HitCount HitType														
...	...														
Attribute	Description														
...	...														
Condition	A string value that specifies a condition that can be evaluated as a Boolean to determine whether the breakpoint is fired. Whether the breakpoint is fired depends on this Condition value and on the values of the following attributes: ConditionType HitCount														

Errata Published*	Description				
	<table border="1" data-bbox="462 268 1416 365"> <tr> <td data-bbox="462 268 602 310"></td> <td data-bbox="602 268 1416 310">HitCountType</td> </tr> <tr> <td data-bbox="462 310 602 365">...</td> <td data-bbox="602 310 1416 365">...</td> </tr> </table>		HitCountType
	HitCountType				
...	...				
2021/09/21	<p>In section 2.9.7, SourceTypeEnum, the name of the type was clarified in the XSD.</p> <p>Changed from:</p> <pre data-bbox="521 579 1084 604"><xs:simpleType name="SqlStmtSourceTypeEnum"></pre> <p>Changed to:</p> <pre data-bbox="521 688 997 714"><xs:simpleType name="SourceTypeEnum"></pre>				
2021/09/21	<p>In sections 5.1.1, DTSX2 Schema for Version 2012/01 (DTSX2 2012/01), and 5.1.2, DTSX2 Schema for Version 2014/01 (DTSX2 2014/01), the default values of the DiffOptions and DiffAlgorithm attributes of the XMLTaskDataObjectType complex type were clarified.</p> <p>Changed from:</p> <pre data-bbox="545 957 1386 1079"><xs:attribute name="DiffOptions" type="DTS:XMLTaskDiffOptionsType" use="optional" default="20" form="unqualified"/> <xs:attribute name="DiffAlgorithm" form="unqualified" type="DTS:XMLTaskDiffAlgorithmEnum" use="optional" default="Fast"/></pre> <p>Changed to:</p> <pre data-bbox="545 1184 1386 1306"><xs:attribute name="DiffOptions" type="DTS:XMLTaskDiffOptionsType" use="optional" default="0" form="unqualified"/> <xs:attribute name="DiffAlgorithm" form="unqualified" type="DTS:XMLTaskDiffAlgorithmEnum" use="optional" default="Auto"/></pre>				
2021/09/21	<p>In sections 5.1.1, DTSX2 Schema for Version 2012/01 (DTSX2 2012/01), and 5.1.2, DTSX2 Schema for Version 2014/01 (DTSX2 2014/01), in the PipelineComponentPropertyAttributeGroup group, the id attribute was removed and the name attribute was added.</p> <p>Changed from:</p> <pre data-bbox="493 1570 1416 1793"><xs:attributeGroup name="PipelineComponentPropertyAttributeGroup"> <!-- <xs:attribute name="id" type="xs:string" form="unqualified"/>--> <xs:attribute name="dataType" type="DTS:PipelineComponentDataTypeEnum" form="unqualified"/> <xs:attribute name="state" type="DTS:PipelineComponentStateEnum" form="unqualified" use="optional" default="default" /> . . .</pre> <p>Changed to:</p>				

Errata Published*	Description
	<pre> <xs:attributeGroup name="PipelineComponentPropertyAttributeGroup"> <xs:attribute name="dataType" type="DTS:PipelineComponentDataTypeEnum" form="unqualified"/> <xs:attribute name="name" type="xs:string" form="unqualified"/> <xs:attribute name="state" type="DTS:PipelineComponentStateEnum" form="unqualified" use="optional" default="default" /> . . . </pre>
2021/09/21	<p>In sections 5.1.1, DTSX2 Schema for Version 2012/01 (DTSX2 2012/01), and 5.1.2, DTSX2 Schema for Version 2014/01 (DTSX2 2014/01), the pattern value of the uuid type was clarified.</p> <p>Changed from:</p> <pre> <xs:simpleType name="uuid"> <xs:restriction base="xs:string"> <xs:pattern value="\{[0-9a-zA-Z]{8}-[0-9a-zA-Z]{4}-[0-9a-zA-Z]{4}-[0-9a-zA-Z]{4}-[0-9a-zA-Z]{12}\}" /> <xs:pattern value=""/> </xs:restriction> </xs:simpleType> </pre> <p>Changed to:</p> <pre> <xs:simpleType name="uuid"> <xs:restriction base="xs:string"> <xs:pattern value="\{[0-9a-zA-Z]{8}-[0-9a-zA-Z]{4}-[0-9a-zA-Z]{4}-[0-9a-zA-Z]{4}-[0-9a-zA-Z]{12}\}" /> </xs:restriction> </xs:simpleType> </pre>
2021/09/21	<p>In section 5.1.2, DTSX2 Schema for Version 2014/01 (DTSX2 2014/01), ActiveXScriptTask:ActiveXScriptTaskData and Exec80PackageTask:Exec80PackageTaskData were removed from the ExecutableObjectDataType type.</p> <p>Changed from:</p> <pre> <xs:complexType name="ExecutableObjectDataType"> . . . <xs:element name="CDCCControlTask" form="unqualified" type="DTS:CDCCControlTaskObjectDataType"/> <xs:element ref="ActiveXScriptTask:ActiveXScriptTaskData" /> <xs:element name="ASDdlData" type="DTS:ASDdlDataObjectDataType" form="unqualified"/> . . . <xs:element name="DataProfilingTaskData" form="unqualified" type="DTS:DataProfilingTaskDataObjectDataType"/> <xs:element ref="Exec80PackageTask:Exec80PackageTaskData" /> <xs:element name="ExecutePackageTask" form="unqualified" type="DTS:ExecutePackageTaskObjectDataType"/> . . . </pre>

Errata Published*	Description
	<p>Changed to:</p> <pre data-bbox="521 327 1377 615"> <xs:complexType name="ExecutableObjectDataType"> . . . <xs:element name="CDCCControlTask" form="unqualified" type="DTS:CDCCControlTaskObjectDataType"/> <xs:element name="ASDdlData" type="DTS:ASDdlDataObjectDataType" form="unqualified"/> . . . <xs:element name="DataProfilingTaskData" form="unqualified" type="DTS:DataProfilingTaskDataObjectDataType"/> <xs:element name="ExecutePackageTask" form="unqualified" type="DTS:ExecutePackageTaskObjectDataType"/> . . . </pre>
2021/09/21	<p>In section 5.6, Exec80PackageTask XSD, the type of the PackageID and PackageVersionGUID attributes of the Exec80PackageTaskType type was clarified.</p> <p>Changed from:</p> <pre data-bbox="548 831 1276 877"> <xs:attribute name="PackageID" type="DTS:uuid"/> <xs:attribute name="PackageVersionGUID" type="DTS:uuid"/> </pre> <p>Changed to:</p> <pre data-bbox="548 984 1289 1031"> <xs:attribute name="PackageID" type="xs:string"/> <xs:attribute name="PackageVersionGUID" type="xs:string"/> </pre>
2021/09/21	<p>In section 5.8, SQLTask XSD, the type of the SqlTaskData element was clarified.</p> <p>Changed from:</p> <pre data-bbox="521 1224 1304 1270"> <xs:element name="SqlTaskData" type="SQLTask:SqlTaskDataElementBackupTaskType"/> </pre> <p>Changed to:</p> <pre data-bbox="521 1377 1084 1423"> <xs:element name="SqlTaskData" type="SQLTask:SqlTaskDataType"/> </pre>

*Date format: YYYY/MM/DD