### mdx (MDX [Metadata](Metadata.docx) Record)

This element represents a single record of MDX [metadata](metadata.docx) information which can express a tuple, KPI, set, or [member](member.docx) property.

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| --- |
| Parent Elements |
| [mdxMetadata](mdxMetadata.docx) (§) |

|  |  |
| --- | --- |
| Child Elements | Subclause |
| [k](k.docx) (KPI MDX Metadata) | § |
| [ms](ms.docx) (Set MDX Metadata) | § |
| [p](p.docx) (Member Property MDX Metadata) | § |
| [t](t.docx) (Tuple MDX Metadata) | § |

|  |  |
| --- | --- |
| Attributes | Description |
| [f](f.docx) (Cube Function Tag) | This is an enumeration representing the type of the calling cube function from the spreadsheet.  The possible values for this attribute are defined by the [ST\_MdxFunctionType](ST_MdxFunctionType.docx) simple type (§). |
| [n](n.docx) (Connection Name Index) | The zero based index of [connection](connection.docx) name in [metadata](metadata.docx) string store, [metadataStrings](metadataStrings.docx).  The possible values for this attribute are defined by the XML [Schema](Schema.docx) unsignedInt datatype. |

The following XML [Schema](Schema.docx) fragment defines the contents of this element:

<complexType [name](name.docx)="CT\_Mdx">

<choice minOccurs="1" maxOccurs="1">

<element [name](name.docx)="[t](t.docx)" type="CT\_MdxTuple"/>

<element [name](name.docx)="[ms](ms.docx)" type="CT\_MdxSet"/>

<element [name](name.docx)="[p](p.docx)" type="CT\_MdxMemeberProp"/>

<element [name](name.docx)="[k](k.docx)" type="CT\_MdxKPI"/>

</choice>

<attribute [name](name.docx)="[n](n.docx)" type="xsd:unsignedInt" use="required"/>

<attribute [name](name.docx)="[f](f.docx)" type="[ST\_MdxFunctionType](ST_MdxFunctionType.docx)" use="required"/>

</complexType>