

# <element>

This element represents an element of a <type>.

parents	<type>
children	none

## Attributes

Attribute	Data Type	Usage	Default Value	Description
name	xsd:NCName	required	none	The name of the element. It must be unique within the parent <type>.
offset	xsd:nonNegativeInteger	required	none	The position of this element relative to the start of the containing <type>, in bytes.
size	xsd:positiveInteger	required	none	The storage size for the element, in bytes.
type	xsd:NCName	required	none	The data type of the element. Must be one of the build-in types or the name of a <type> element.
dependsOn	xsd:NCName	optional	none	If the element represents an array, the name of the element (contained within the same <type> as this element) that indicates the actual number of array occurrences at runtime.
isSet	xsd:NCName	optional	none	References an integer element that indicates whether or not the source element should be present in the request, or was present in the response. See <a href="#">Working with Optional Fields</a>
minOccurs	xsd:positiveInteger	optional	1	If the element represents an array, the minimum number of occurrences. If the element represents a primitive type, indicates that the element is optional in the message.
maxOccurs	xsd:positiveInteger	optional	1	If the element represents an array, the maximum number of occurrences.
stringPadding	xsd:token	optional	zeros	Controls the way elements of type string are treated. The default value is inherited from the containing <type> or the <server> whose request or reply type contains this element. Valid values are "zeros" and "spaces".
private	xsd:integer	optional	0	Indicates whether or not the element will appear in the JSON message. Valid values are "0" or "1". A value of "1" will cause the element to be omitted from the JSON.  Although the default value of the attribute is "0", this default can be altered by the private attribute of this element's parent <type> element.

## Remarks

Refer to the section [Advanced Topics](#) for more information on these attributes.

## Example

```
<type name="GetCpuList" size="18" ddlName="GET-CPU-LIST" ddlModified="2014-09-09T08:55" ddlOrigin="MXxJRHxHRVQtQ1BVLUxJU1R8XEFDVDUuJERFTU8uT1NF">  
  <element name="requestCode" type="unsignedShort" offset="0" size="2" value="6"/>  
  <element name="node" type="string" offset="2" size="16"/>  
</type>  
<type name="GetCpuListResult" size="340" ddlName="GET-CPU-LIST-RESULT" ddlModified="2014-09-09T08:55" ddlOrigin="MXxJRHxHRVQtQ1BVLUxJU1QtUkVTUVUxUfFxBQ1QLiRERU1PLk5TRQ==">  
  <element name="resultCode" type="unsignedShort" offset="0" size="2"/>  
  <element name="node" type="string" offset="2" size="16"/>  
  <element name="cpuList" type="CpuList" offset="18" size="322"/>  
</type>
```