

Schema Error Numbers and Messages

Schema Validation Errors

Additional Developer Hints (LTS and TPVS only)

Error Code	Error Message	Xerces Key	Low-level Error Message
4000	Invalid attribute value '{0}'	cvc-attribute.3	The value '{2}' of attribute '{1}' on element '{0}' is not valid with respect to its type, '{3}'.
4000	Invalid attribute value '{0}'	cvc-attribute.4	The value '{2}' of attribute '{1}' on element '{0}' is not valid with respect to its fixed '{value constraint}'. The attribute must have a value of '{3}'.
4000	Invalid attribute value '{0}'	cvc-complex-type.3.1	Value '{2}' of attribute '{1}' of element '{0}' is not valid with respect to the corresponding attribute use. Attribute '{1}' has a fixed value of '{3}'.
4000	Invalid attribute value '{0}'	cvc-complex-type.3.2.1	Element '{0}' does not have an attribute wildcard for attribute '{1}'.
4000	Invalid attribute value '{0}'	cvc-complex-type.3.2.2	Attribute '{1}' is not allowed to appear in element '{0}'.
4001	Missing attribute on element '{0}'	cvc-complex-type.4	Attribute '{1}' must appear on element '{0}'.
4002	Invalid attribute specified on element '{0}'	cvc-complex-type.5.1	In element '{0}', attribute '{1}' is a Wild ID. But there is already a Wild ID '{2}'. There can be only one.
4002	Invalid attribute specified on element '{0}'	cvc-complex-type.5.2	In element '{0}', attribute '{1}' is a Wild ID. But there is already an attribute '{2}' derived from ID among the '{attribute uses}'.
4003	Invalid attribute '{0}' on element '{1}'	cvc-elt.3.1	Attribute '{1}' must not appear on element '{0}', because the '{nillable}' property of '{0}' is false.
4020	Invalid value '{0}'	cvc-datatype-valid.1.2.1	'{0}' is not a valid value for '{1}'.
4020	Invalid value '{0}'	cvc-datatype-valid.1.2.2	'{0}' is not a valid value of list type '{1}'.
4020	Invalid value '{0}'	cvc-datatype-valid.1.2.3	'{0}' is not a valid value of union type '{1}'.
4051	Element '{0}' must have no children	cvc-complex-type.2.1	Element '{0}' must have no character or element information item [children], because the type's content type is empty.

4051	Element '{0}' must have no children	cvc-complex-type.2.4.d	Invalid content was found starting with element '{0}'. No child element is expected at this point.
4051	Element '{0}' must have no children	cvc-elt.3.2.1	Element '{0}' cannot have character or element information [children], because '{1}' is specified.
4051	Element '{0}' must have no children	cvc-elt.5.2.2.1	Element '{0}' must have no element information item [children].
4051	Element '{0}' must have no children	cvc-type.3.1.2	Element '{0}' is a simple type, so it must have no element information item [children].
4052	Element '{0}' must only have valid text as its content	cvc-complex-type.2.2	Element '{0}' must have no element [children], and the value must be valid.
4053	Element '{0}' must only have elements as its content	cvc-complex-type.2.3	Element '{0}' cannot have character [children], because the type's content type is element-only.
4057	Invalid element '{0}'	cvc-elt.1	Cannot find the declaration of element '{0}'.
4058	Value '{0}' doesn't match the expected value as set in the schema	cvc-elt.5.2.2.2.1	The value '{1}' of element '{0}' does not match the fixed '{value constraint}' value '{2}'.
4058	Value '{0}' doesn't match the expected value as set in the schema	cvc-elt.5.2.2.2.2	The value '{1}' of element '{0}' does not match the '{value constraint}' value '{2}'.
4065	Invalid content found at element '{0}'	cvc-complex-type.2.4.a	Invalid content was found starting with element '{0}'. One of '{1}' is expected.
4065	Invalid content found at element '{0}'	cvc-type.3.1.3	The value '{1}' of element '{0}' is not valid.
4066	Incomplete content found at element '{0}'	cvc-complex-type.2.4.b	The content of element '{0}' is not complete. One of '{1}' is expected.
4067	Element '{0}' is missing	cvc-complex-type.2.4.c	The matching wildcard is strict, but no declaration can be found for element '{0}'.
4068	Element '{0}' cannot have attributes	cvc-type.3.1.1	Element '{0}' is a simple type, so it cannot have attributes, excepting those whose namespace name is identical to 'http://www.w3.org/2001/XMLSchema-instance' and whose [local name] is one of 'type', 'nil', 'schemaLocation' or 'noNamespaceSchemaLocation'.
4080	Value '{0}' is not one of the allowed enumerated values	cvc-enumeration-valid	Value '{0}' is not facet-valid with respect to enumeration '{1}'. It must be a value from the enumeration.
4081	Value '{0}' has too many fraction digits	cvc-fractionDigits-valid	Value '{0}' has {1} fraction digits, but the number of fraction digits has been limited to {2}.
4082	Value '{0}' has an incorrect length	cvc-length-valid	Value '{0}' with length '{1}' is not facet-valid with respect to length '{2}' for type '{3}'.
4082	Value '{0}' has an incorrect length	cvc-minLength-valid	Value '{0}' with length '{1}' is not facet-valid with respect to minLength '{2}' for type '{3}'.
4083	Value '{0}' is too large	cvc-maxExclusive-valid	Value '{0}' is not facet-valid with respect to maxExclusive '{1}' for type '{2}'.

4083	Value '{0}' is too large	cvc-maxInclusive-valid	Value '{0}' is not facet-valid with respect to maxInclusive '{1}' for type '{2}'.
4083	Value '{0}' is too large	cvc-maxLength-valid	Value '{0}' with length '{1}' is not facet-valid with respect to maxLength '{2}' for type '{3}'.
4084	Value '{0}' is too small	cvc-minExclusive-valid	Value '{0}' is not facet-valid with respect to minExclusive '{1}' for type '{2}'.
4084	Value '{0}' is too small	cvc-minInclusive-valid	Value '{0}' is not facet-valid with respect to minInclusive '{1}' for type '{2}'.
4085	Value '{0}' doesn't have the correct format	cvc-pattern-valid	Value '{0}' is not facet-valid with respect to pattern '{1}' for type '{2}'.
4086	Value '{0}' has too many digits	cvc-totalDigits-valid	Value '{0}' has {1} total digits, but the number of total digits has been limited to {2}.
4999	Internal schema validation error	<i>Various</i>	Catch all error