



## Information technology — Document Schema Definition Languages (DSDL) —

### Part 4: Namespace-based Validation Dispatching Language (NVDL)

#### TECHNICAL CORRIGENDUM 1

*Technologies de l'information — Langages de définition de schéma de documents (DSDL) —*

*Partie 4: Langage de diffusion de validation d'espace de nom orienté (NVDL)*

*RECTIFICATIF TECHNIQUE 1*

Technical Corrigendum 1 to ISO/IEC 19757-4:2006 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 34, *Document description and processing languages*.

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*Page 6, 6.2, the definition of the attribute "nameList"*

Add "+" after "xsd:NCName" in "list { xsd:NCName }".

*Page 9, 6.3, the definition of the attribute "nameList".*

Add "+" after "xsd:NCName" in "list { xsd:NCName }".

*Page 9, Clause 6.3*

Replace

```
message =  
  element message {text & attribute xml:lang {text}}
```

with

```
message =  
  element message {text & attribute xml:lang {text}?}
```

*Page 12, the last line of 6.4.10*

Convert the last itemized list beginning "— Finally" to a normal paragraph.

*Page 17, 7.3, the third line on page 17*

Replace "switch" by "switch case".

*Page 17, 7.3, the seventh line on page 17*

Replace

<{http://www.w3.org/2002/06/xhtml12 [cx1]}title \$asn1> with <{http://www.w3.org/2002/06/xhtml12}title [cx1] \$asn1>

*Page 18, 7.6, Example*

Replace "http://www.example.com/one" by "http://www.example.com/two".

*Page 19, 8.2, the paragraph defining path(s)*

Replace "element section" in the first sentence by "element or attribute section", and replace "element slot node" in the last sentence by "element or attribute slot node".

*Page 20, 8.2, the second last paragraph*

Replace the second last paragraph beginning "elemTrans" with the paragraph below:

elemTrans(*mode*, *uri*, *a*) holds when for some namespace or anyNamespace element *nsOrAny* in *mode*, *a* is a child action of *nsOrAny*, and matchElemSec(*nsOrAny*, *uri*)

*Page 20, 8.4*

Replace the itemized list with the itemized list below:

- If an element section *s* is the root element section, then  $I\_M(s) = mrt$  and  $elemTrans(I\_M(s), namespace(s), I\_A(s))$ , where *mrt* is the start mode of the NVDL script.
- If the parent section of an element section *s* is *s'*, then  $applies(I\_A(s'), path(s), I\_M(s))$  and  $elemTrans(I\_M(s), namespace(s), I\_A(s))$ .

- If the parent element section of an attribute section *a* is *s'*, then applies(*I\_A(s')*, *path(a)*, *I\_M(a)*) and *attTrans(I\_M(a), namespace(a), I\_A(a))*.

*Page 22, 8.5, the third line on this page*

Replace "s" immediately after "s<sub>1</sub>, s<sub>2</sub>, ..., " by "s<sub>m</sub>".

*Page 22, 8.7.2, NOTE 1*

Delete "expected to be".

*Page 23, 8.7.3*

Add the following note after NOTE 2:

NOTE 3 In the following script, there are two validate elements. Although they reference the same schema, they are two different actions. Given a validation candidate for the namespace "http://www.example.com", PlanElem contains one pair for the first action and another for the second action. As a result, this validation candidate is validated twice.

```
<rules
  xmlns="http://purl.oclc.org/dsdl/nvdl/ns/structure/1.0"
  xmlns:a="http://relaxng.org/ns/compatibility/annotations/1.0">
  <namespace ns="http://www.example.com" match="elements">
    <validate schema="foo.mg"/>
    <validate schema="foo.mg"/>
  </namespace>
</rules>
```

*Page 24, Annex A, the eighth line from the bottom of this page*

Replace

```
<data type="NCName"/>
```

by

```
<oneOrMore>
  <data type="NCName"/>
</oneOrMore>
```

*Page 29, Annex A, the twenty-first line on this page*

Replace the two occurrences of "&amp;" by "&amp;".

*Page 30, Annex A, thirteenth line from the bottom of the page*

Replace

```
<ref name="anyURI"/>
```

with

```
<data type="anyURI"/>
```

*Page 31, Annex B, the definition of the attribute "nameList" in the middle of this page*

Replace

```
<data type="NCName"/>
```

with

```
<oneOrMore>  
  <data type="NCName"/>  
</oneOrMore>
```

*Page 33, Annex B, the third line on this page*

Replace

```
<attribute name="xml:lang"/>
```

with

```
<optional>  
  <attribute name="xml:lang"/>  
</optional>
```

*Page 33, Annex B, the sixth line from the bottom of this page*

Replace the two occurrences of "&amp;" by "&amp;".

*Page 35, C.2, the ninth line from the bottom of this page*

Replace

```
<data type="NCName"/>
```

with

```
<oneOrMore>  
  <data type="NCName"/>  
</oneOrMore>
```

*Page 38, C.2, the thirteenth line on this page*

Replace

```
<attribute name="xml:lang"/>
```

with

```
<optional>  
  <attribute name="xml:lang"/>  
</optional>
```

*Page 39, C.2, the twenty-sixth line on this page*

Replace the two occurrences of "&amp;" by "&amp;".

*Page 46, D.3.1, the twenty-fifth line from the bottom of this page*

Insert the following line between the line "<schema>" and the line "</schema>":

```
<reject xmlns="http://purl.oclc.org/dsdl/nvdl/ns/predefinedSchema/1.0"/>
```

*Page 47, D.3.1, the first line on this page*

Insert the following line between the line "<schema>" and the line "</schema>":

```
<reject xmlns="http://purl.oclc.org/dsdl/nvdl/ns/predefinedSchema/1.0"/>
```