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• An SML reference that is an instance of the SML URI Reference Scheme is resolved using the following steps:

1. An XML document **D** is obtained as follows:

1. If the URI reference is a same-document reference as defined in the applicable URI RFC, then **D** is the document containing the SML reference.

Deleted: [IETF RFC 3986]

2. Otherwise, **D** is determined as follows:

1. If the URI reference is a relative reference, then let **U** be the result of resolving the reference using the [base URI] property [XML Information Set] of the <sml:uri> element as the base URI. Otherwise, **U** is the URI reference itself. The computation of the [base URI] property is implementation-defined.

2. Dereference **U**, as defined in the applicable specifications. If the document targeted by **U** is in the current SML model, then **D** is that document. Otherwise, if the document is not in the current SML model, then the SML URI Reference Scheme instance is unresolved (and **D** has no value).

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Deleted: the appropriate operation defined for the URI scheme in **U**

Note:

As a result of the above definition, if the retrieved object is not of XML media type or if it is not well-formed XML then, by definition, that object is not a document as defined by this specification. In this case, the SML reference scheme instance is unresolved.

2. If no fragment component is present in the URI reference, the SML URI Reference Scheme instance resolves to the root element of **D**.

3. If a fragment component is present in the URI reference, then the appropriate case among the following applies:

1. If the fragment component complies with the smlxpath1() XPointer scheme syntax, then the reference target is obtained as defined in section 4.3.1.1 smlxpath1() scheme.

2. If the fragment component complies with the Shorthand Pointer syntax, then the appropriate case among the following applies:

1. If a target **T** can be identified in **D** based on XML-Schema-determined ID, then the reference target **T**.

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2. If a target in **D** cannot be identified based on XML-Schema-determined ID, then it is implementation-defined whether the reference target in **D** is identified based on other criteria allowed for Shorthand Pointers.

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Deleted: is the the element identified based on the XML-Schema-determined ID by the Shorthand Pointer

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• Instances of the SML URI Reference Scheme are transformed to target-complete identifiers through standard URI processing, as described in the applicable URI RFC.