ebXML Registry Services and Protocols Version 3.0 Errata

OASIS Public Review Draft 01

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Technical Committee:
>	OASIS ebXML Registry TC

Chair:
>	Kathryn Breininger

Editor(s):
>	Kathryn Breininger

Related work:
>	This specification errata is related to:

>	- *ebXML Registry Information Model Version 3.0*
>	- *ebXML Registry Services and Protocols Version 3.0*

Abstract:
>	This is an **OASIS Committee Draft** listing errata for the **OASIS ebXML Registry Services and Protocols Standard** produced by the ebXML Registry Technical Committee. The standard was approved by the OASIS membership on 2 May 2005.

Status:
>	This document was last revised or approved by the ebXML Registry TC on the above date. The level of approval is also listed above. Check the "Latest Version" or "Latest Approved Version" location noted above for possible later revisions of this document.

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1 Issues Addressed

The following issues related to the ebXML Registry Services and Protocols version 3.0 have been addressed in this document:

Missing figures:

Figure 15: Content Management Service: Inline Invocation Model, page 78
Figure 16: Content Management Service: Decoupled Invocation Model, page 79
Figure 17: Cataloging Service Configuration, page 82
Figure 23: Federation Metadata Example, page 93

Text in 5.1.2 Unique ID Generation is inconsistent with the rim.xsd. The rim.xsd is correct and paragraph is wrong.

The stored query given in Listing 2: "Example of Stored Query Invocation" is incorrect in Section 6.3.2.1, Specifying Query Invocation Parameters. Text in 6.3.2.1 describing the stored query invocation example is incorrect.

The ebXMLRegistryInterfaces.wsdl file has a typographical error in the output message in the operation named "UpdateObjects".

1.1 Terminology

The key words "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT", "SHOULD", "SHOULD NOT", "RECOMMENDED", "MAY", and "OPTIONAL" in this document are to be interpreted as described in **[RFC2119]**.
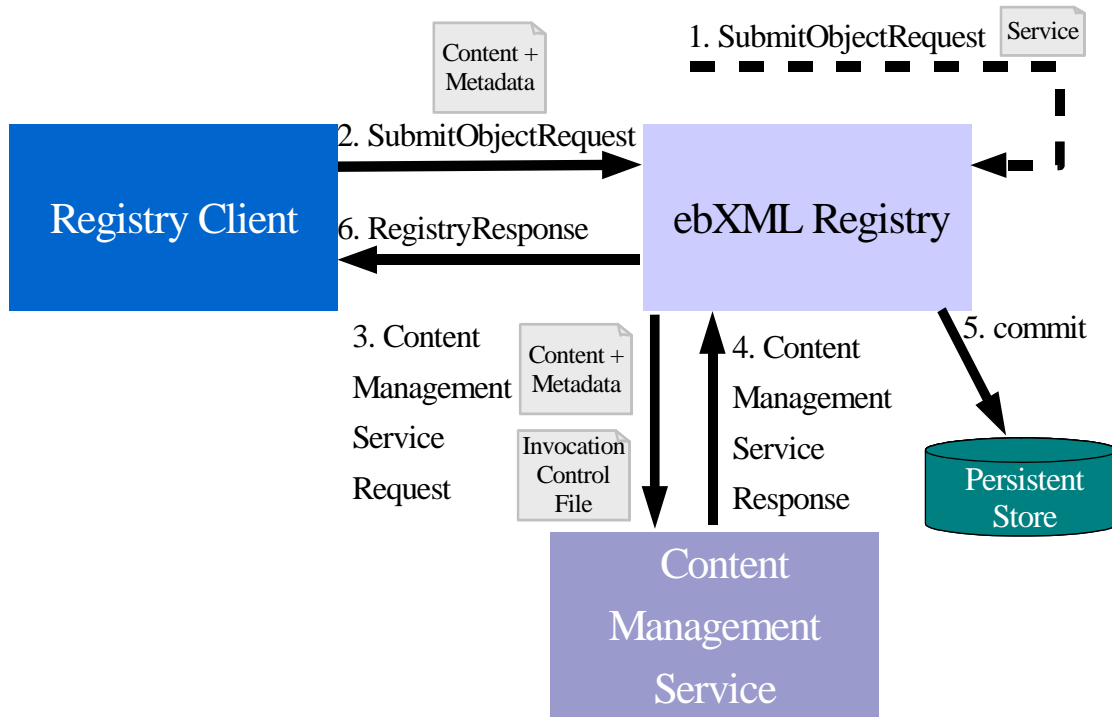
1.2 Normative References

[RFC2119]   S. Bradner, *Key words for use in RFCs to Indicate Requirement Levels*, http://www.ietf.org/rfc/rfc2119.txt, IETF RFC 2119, March 1997.

2 Missing Figures

2.1 Figure 15: Content Management Service: Inline Invocation Model
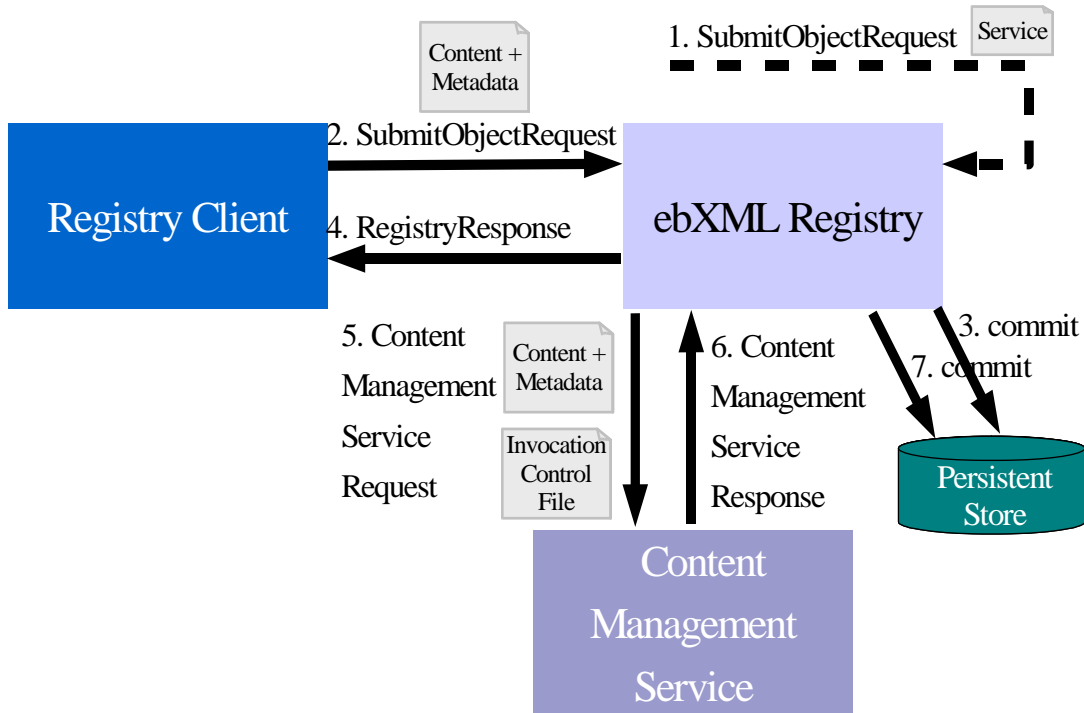
Insert Figure 15 on page 78, line 2732:

Figure 15: Content Management Service: Inline Invocation Model

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2.2 Figure 16: Content Management Service: Decoupled Invocation Model

Insert Figure 16 on page 79, line 2763:

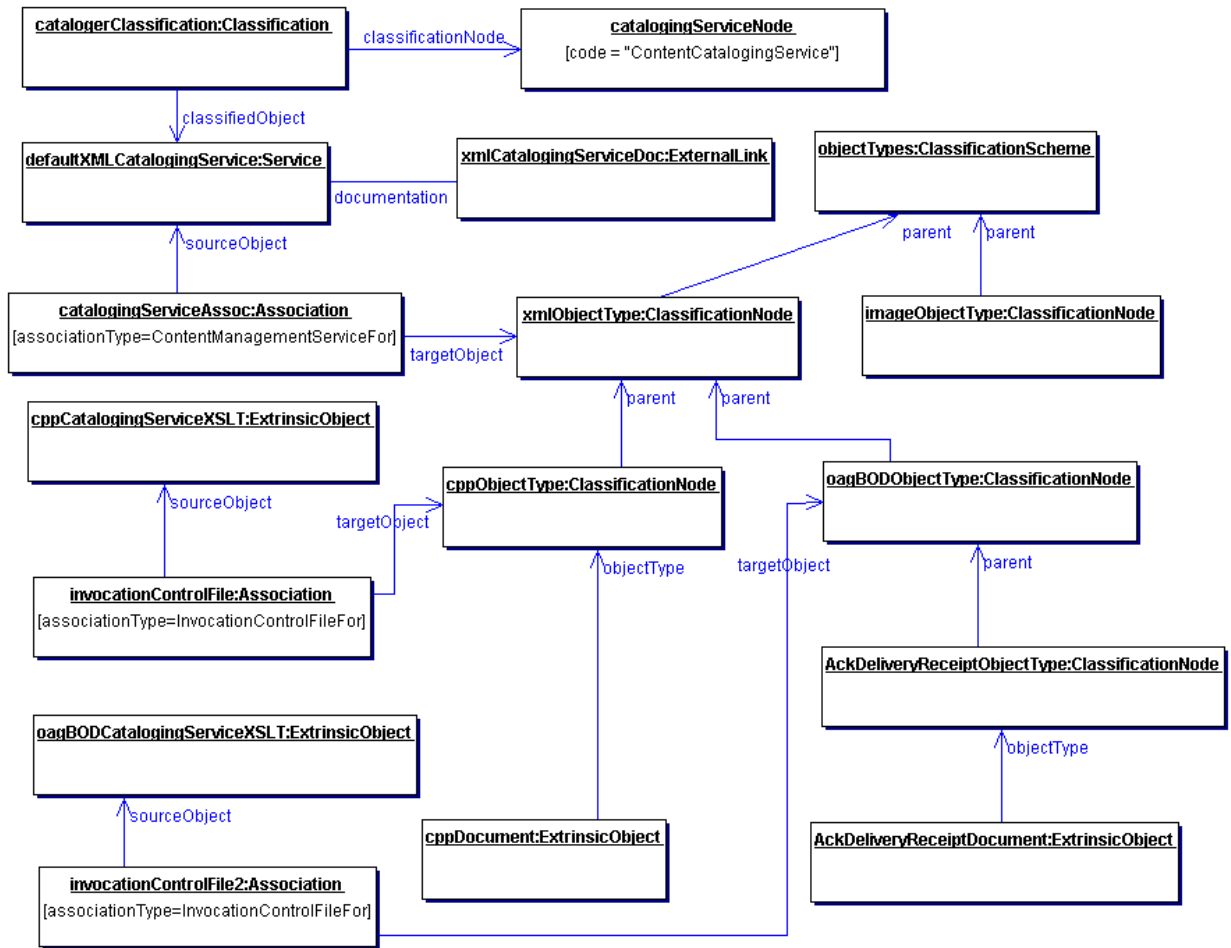**Figure 16: Content Management Service: Decoupled Invocation Model**

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37 2.3 Figure 17: Cataloging Service Configuration
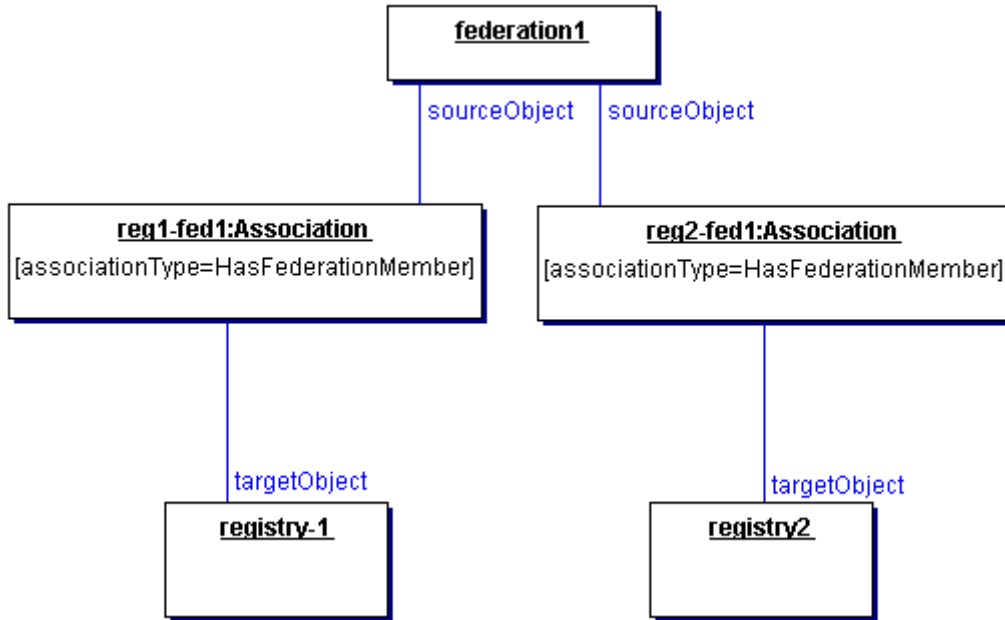
38 Insert Figure 17 on page 82, line 2870:

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40 **Figure 17: Cataloging Service Configuration**

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2.4 Figure 23: Federation Metadata Example

Insert Figure 23 on page 93, line 3201:

Figure 23: Federation Metadata Example

3 Typographical/Editorial Errors

3.1 Section 5.1.2: Unique ID Generation

Text in 5.1.2 Unique ID Generation is inconsistent with the rim.xsd. The rim.xsd is correct and paragraph is wrong. Text needs to be edited to be consistent with rim.xsd.

Line 1150 original text:

A Submitter MAY optionally supply the id attribute for submitted objects. If the Submitter supplies the id and it is a valid URN and does not conflict with the id of an existing RegistryObject within the home registry then the registry MUST honor the Submitter-supplied id value and use it as the value of the id attribute of the object in the registry. If the id is not a valid URN then the registry MUST return an InvalidRequestException. If the id conflicts with the id of an existing RegistryObject within the home registry then the registry MUST return InvalidRequestException for an UpdateObjectsRequest and treat it as an Update action for a SubmitObjectsRequest.

If the client does not supply an id for a submitted object then the registry MUST generate a universally unique id. A registry generated id value MUST conform to the format of a URN that specifies a DCE 128 bit UUID as specified in [UUID]:
    (e.g. *urn:uuid:a2345678-1234-1234-123456789012*).

Replace with new text:

A Submitter MUST supply the id attribute for submitted objects. If the id is not specified then the registry MUST return an InvalidRequestException.

If the id and lid match the id and lid of an existing RegistryObject within the home registry, then the registry MUST treat it as an Update action upon the existing RegistryObject.

If the id matches the id of an existing RegistryObject within the home registry but the lid does not match that existing object's lid, then the registry MUST return an InvalidRequestException.

If the lid matches the lid of an existing RegistryObject within the home registry but the id does not match that existing object's id, then the registry MUST create the newly submitted object as a new version of the existing object.

If the Submitter supplies the id and it is a valid URN then the registry MUST honor the Submitter-supplied id value and use it as the value of the id attribute of the object in the registry. If the id is not a valid URN then the registry MUST treat it as a temporary id and replace it, and all references to it within the request, with a registry generated universally unique id. A registry generated universally unique id value MUST conform to the format of a URN that specifies a DCE 128 bit UUID as specified in [UUID]:
    (e.g. urn:uuid:a2345678-1234-1234-123456789012)

3.2 Section 6.3.2.1: Specifying Query Invocation Parameters

Text describing the listing example, line 1866, is incorrect. Original text:

- The stored query being identified by the value of the id attribute of the <rim:AdhocQuery> element.

Replace with new text:

- The stored query being identified by the value of the canonical slot with name "urn:oasis:names:tc:ebxml-regrep:rs:AdhocQueryRequest:queryId"

Listing 2 example, lines 1871-1882 incorrect. Original example:

```
<AdhocQueryRequest>
  <query:ResponseOption returnComposedObjects="true"
returnType="LeafClassWithRepositoryItem"/>

  <rim:AdhocQuery id="${STORED_QUERY_ID}">
    <rim:Slot name="$name">
      <rim:ValueList>
        <rim:Value>%ebXML%</rim:Value>
      </rim:ValueList>
    </rim:Slot>
  </rim:AdhocQuery>
</AdhocQueryRequest>
```

Listing 2: Example of Stored Query Invocation

Replace with new example:

```
<AdhocQueryRequest xmlns="urn:oasis:names:tc:ebxml-regrep:xsd:query:3.0"
xmlns:lcm="urn:oasis:names:tc:ebxml-regrep:xsd:lcm:3.0"
xmlns:query="urn:oasis:names:tc:ebxml-regrep:xsd:query:3.0"
xmlns:rim="urn:oasis:names:tc:ebxml-regrep:xsd:rim:3.0"
xmlns:rs="urn:oasis:names:tc:ebxml-regrep:xsd:rs:3.0"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="urn:oasis:names:tc:ebxml-regrep:xsd:query:3.0
http://oasis-open.org/committees/regrep/documents/3.0/schema/query.xsd">
  <rs:RequestSlotList>
    <rim:Slot name="urn:oasis:names:tc:ebxml-
regrep:rs:AdhocQueryRequest:queryId">
      <rim:ValueList>
        <rim:Value>urn:freebxml:registry:query:BusinessQuery</rim:Value>
      </rim:ValueList>
    </rim:Slot>
    <rim:Slot name="$name">
      <rim:ValueList>
        <rim:Value>%ebXML% </rim:Value>
      </rim:ValueList>
    </rim:Slot>
  </rs:RequestSlotList>
  <query:ResponseOption returnComposedObjects="true"
returnType="LeafClassWithRepositoryItem" />
  <rim:AdhocQuery id="temporaryId">
    <rim:QueryExpression queryLanguage="urn:oasis:names:tc:ebxml-
regrep:QueryLanguage:SQL-92">
    <!-- No need for an actual query since it is fetched from registry using
the queryId  -->
    </rim:QueryExpression>
  </rim:AdhocQuery>
</AdhocQueryRequest>
```

Listing 2: Example of Stored Query Invocation

3.3 ebXMLRegistryInterfaces.wsdl file

The ebXMLRegistryInterfaces.wsdl file has a typographical error in the output message in the operation named "UpdateObjects".

Original text:

```
<operation name="updateObjects">
        <input message="tns:msgUpdateObjectsRequest"/>
        <output message="tns:msgUpdateObjectsRequest"/>
</operation>
```


Replace with text:

```
<operation name="updateObjects">
        <input message="tns:msgUpdateObjectsRequest"/>
        <output message="tns:msgRegistryResponse"/>
</operation>
```

A. Acknowledgements

The following individuals have participated in the creation of this specification and are gratefully acknowledged:

Participants:

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Ted Hass	GS1 US

162 B. Revision History

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Revision	Date	Editor	Changes Made
01	18 December 2006	Kathryn Breininger	Added figures, corrected text
02	07 February 2007	Kathryn Breininger	Corrected text, added wsdl correction
03	01 March 2007	Kathryn Breininger	Updated title page, notices page, and footer

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