Errata to SyncML OBEX Binding

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SyncML Initiative

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1 Formatting Conventions

The key words "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT", "SHOULD", "SHOULD NOT", "RECOMMENDED", "NOT RECOMMENDED", "MAY" and "OPTIONAL" in this document are to be interoperated as described in [RFC 2119].

1.1 Errata Type Classifications

The errata types are classified according to the following scheme:

CLARIFICATION: Textual enhancement that provides a clearer explanation of a specification item without changing any behavior.

CORRECTION: A modification that obsoletes some items in the current published specification.

PROBLEM: A known problem for which an erratum has yet to be proposed.
2 OBEX Client/Server Clarifications

2.1 Problem
Better clarification of the terms OBEX Client and OBEX server in conjunction with the SyncML Server and SyncML Client roles.

2.2 Solution
Change the third paragraph of section 3 to say:

In this specification, the SyncML client can work either as an OBEX client or as an OBEX server at the OBEX protocol layer. In consequence, the SyncML server can work either as an OBEX client or as an OBEX server. The OBEX role depends on the fact which one, the SyncML client or the SyncML server, initiates sync. Thus the SyncML Client is not necessarily the OBEX Client.

2.2.1 Other specifications/erratas affected
N/A

3 SCR for OBEX Binding Correction

3.1 Problem
The binding specification does not make clear the OBEX Client and Server requirements for OBEX conformance.

3.2 Solution
Replace the SCR table in section 4.1 to show the table below:

<table>
<thead>
<tr>
<th>OBEX Operation</th>
<th>SyncML Server</th>
<th>SyncML Client</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>OBEX Client</td>
<td>OBEX Server</td>
</tr>
<tr>
<td>Connect</td>
<td>MAY</td>
<td>MUST</td>
</tr>
<tr>
<td>Disconnect</td>
<td>MAY</td>
<td>MUST</td>
</tr>
<tr>
<td>Put</td>
<td>MAY</td>
<td>MUST</td>
</tr>
<tr>
<td>Get</td>
<td>MAY</td>
<td>MUST</td>
</tr>
<tr>
<td>Abort</td>
<td>MAY</td>
<td>MUST</td>
</tr>
</tbody>
</table>

3.2.1 Other specifications/erratas affected
Test Conformance documents
4 Diagram clarification

4.1 Problem
The diagram shown in section 4.2 does not show a complete sync, but the text does not explain this fully.

4.2 Solution
Clarify the text with the following replacements for paragraph 2 and 3 in this section:

The following example shows the creation of an OBEX connection, the mapping of PUT and GET requests to the SyncML message transfers, and the OBEX disconnection.

This example is not intended to show a complete a SyncML Session but merely illustrates the use of PUT and GET within a SyncML OBEX binding implementation.

4.2.1 Other specifications/erratas affected
N/A

5 Mime type Corrections

5.1 Problem
The mime type declaration in section 4.2.2 are incorrect

5.2 Solution
The section should read as below:

Client implementations conforming to this specification MUST support the header with either the "application/vnd.syncml+xml" or "application/vnd.syncml+wbxml" media type values. Server implementations conforming to this specification MUST support both "application/vnd.syncml+xml" and "application/vnd.syncml+wbxml" media type values, as requested by the SyncML Client.

5.2.1 Other specifications/erratas affected
N/A

6 References

[RFC 2119] Key words for use in RFCs to Indicate Requirement Levels, IETF.