Errata to SyncML Meta Information DTD specification

Specification version: 1.0
Specification date: 2000-12-07
SyncML Initiative
The following companies are Sponsors of the SyncML initiative:

- Ericsson
- IBM
- Lotus
- Matsushita Communications Industrial Co., Ltd.
- Motorola
- Nokia
- Palm, Inc.
- Psion
- Starfish Software
Copyright Notice

Copyright (c) Ericsson, IBM, Lotus, Matsushita Communication Industrial Co., LTD, Motorola, Nokia, Palm, Inc., Psion, Starfish Software (2001).

All Rights Reserved.

Implementation of all or part of any Specification may require licenses under third party intellectual property rights, including without limitation, patent rights (such a third party may or may not be a Supporter). The Sponsors of the Specification are not responsible and shall not be held responsible in any manner for identifying or failing to identify any or all such third party intellectual property rights.

THIS DOCUMENT AND THE INFORMATION CONTAINED HEREIN ARE PROVIDED ON AN "AS IS" BASIS WITHOUT WARRANTY OF ANY KIND AND ERICSSON, IBM, LOTUS, MATSUSHITA COMMUNICATION INDUSTRIAL CO. LTD, MOTOROLA, NOKIA, PALM INC., PSION, STARFISH SOFTWARE AND ALL OTHER SYNCML SPONSORS DISCLAIM ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTY THAT THE USE OF THE INFORMATION HEREIN WILL NOT INFRINGE ANY RIGHTS OR ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL ERICSSON, IBM, LOTUS, MATSUSHITA COMMUNICATION INDUSTRIAL CO., LTD, MOTOROLA, NOKIA, PALM INC., PSION, STARFISH SOFTWARE OR ANY OTHER SYNCML SPONSOR BE LIABLE TO ANY PARTY FOR ANY LOSS OF PROFITS, LOSS OF BUSINESS, LOSS OF USE OF DATA, INTERRUPTION OF BUSINESS, OR FOR DIRECT, INDIRECT, SPECIAL OR EXEMPLARY, INCIDENTAL, PUNITIVE OR CONSEQUENTIAL DAMAGES OF ANY KIND IN CONNECTION WITH THIS DOCUMENT OR THE INFORMATION CONTAINED HEREIN, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH LOSS OR DAMAGE.

The above notice and this paragraph must be included on all copies of this document that are made.
1 Formatting Conventions ................................................................. 5
  1.1 Errata Type Classifications .................................................... 5

2 Content model of SharedMem in DTD incorrect ............................. 6
  2.1 Problem.................................................................................. 6
  2.2 Solution.................................................................................. 6
    2.2.1 Other specifications/erratas affected............................... 6

3 Parent element of MaxMsgSize element incorrect ......................... 6
  3.1 Problem.................................................................................. 6
  3.2 Solution.................................................................................. 6
    3.2.1 Other specifications/erratas affected............................... 6

4 FreeID element mistyped in example .............................................. 6
  4.1 Problem.................................................................................. 6
  4.2 Solution.................................................................................. 6
    4.2.1 Other specifications/erratas affected............................... 6

5 SCR of NextNonce element.......................................................... 7
  5.1 Problem.................................................................................. 7
  5.2 Solution.................................................................................. 7
    5.2.1 Other specifications/erratas affected............................... 7

6 References ................................................................................... 7
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 Content model of SharedMem in DTD incorrect

2.1 Problem
The specification defines incorrectly in the DTD definition that the content type of the SharedMem is PCDATA.

2.2 Solution
Chapter 6: change the DTD definition in the chapter to define that the content type of the SharedMem is EMPTY:

    <!ELEMENT SharedMem EMPTY>

2.2.1 Other specifications/erratas affected
None, but this will be corrected in the Gold release of the toolkit.

3 Parent element of MaxMsgSize element incorrect

3.1 Problem
The specification defines that the MaxMsgSize is a root element, although the parent element of the MaxMsgSize element is MetInf.

3.2 Solution
Chapter 5.8: change the following text in the chapter from "Parent Elements: Root element type." to Parent Elements: MetInf

3.2.1 Other specifications/erratas affected
N/A

4 FreeID element mistyped in example

4.1 Problem
FreeID element mistyped in example.

4.2 Solution
Chapter 5.9: change the element in the example from <Freeld ...> to <FreeID ...>

4.2.1 Other specifications/erratas affected
None.
5 SCR of NextNonce element

5.1 Problem
Since it is optional for the client to send Chal, and the NextNonce element can only be specified inside the Meta element within the Chal element, it must not be mandatory for the client to be able to send NextNonce element.

5.2 Solution
Chapter 8: change the SCR of NextNonce element to look like:

<table>
<thead>
<tr>
<th>Command</th>
<th>Support of Synchronization Server</th>
<th>Support of Synchronization Client</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Sending</td>
<td>Receiving</td>
</tr>
<tr>
<td>NextNonce</td>
<td>MUST</td>
<td>MUST</td>
</tr>
</tbody>
</table>

5.2.1 Other specifications/erratas affected
None.

6 References

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