SyncML Conformance Test Suite

http://www.syncml.org/docs/syncml_scts_v01_20010115.pdf

Draft

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Version 0.2

2001-01-15

SyncML Conformance Test Suite, version 0.2

Abstract

This specification defines SyncML Conformance Test Suite. The SyncML Conformance Test Suite is a part of SyncML Conformance Testing Process [1]. This process specifies the testing that a SyncML vendor has to perform in order to gain a right to license "SyncML conformant".

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Consortium

The following companies are sponsors in the SyncML initiative:
Ericsson
IBM
Lotus
Motorola
Nokia
Palm, Inc.
Matsushita Communications Industrial Co.
Psion
Starfish Software

Revision History

Revision	Date	Comments
0.1	2001-01-07	First draft
0.2	2001-01-16	Added test cases

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1 Terminology

1.1 Definitions

SyncML Conformance Test Suite – A term used to describe the methods (test cases or test tools) required by SyncML initiative to perform SyncML conformance testing. These requirements are subject to change.

1.2 Abbreviations

SCTS   SyncML Conformance Test Suite

SIC   SyncML Interoperability Committee

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2 Introduction

The SyncML Conformance Testing Process [1] defines that SyncML vendor is required to use the latest version of SCTS that has been assigned by SyncML Interoperability Committee (SIC). Periodically, the SIC will update the SCTS (e.g. to provide a test tool) and as a consequence SyncML vendors will need to use the updated version of SCTS.

Chapter two defines current requirements on how to perform SyncML conformance testing. Requirements in this chapter have to be followed in order to gain a right to license "SyncML conformant". Chapter three is an informative chapter. It gives information about future plans related to SCTS development.

Please note that this is a living document and is intended to be updated.

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3 Conformance Testing

Until such time as automated tools are available, it will be necessary for vendors to manually test their products for conformance.

Vendors will need the following documents:

- SyncML Interoperability Conformance Statement Proforma [2]

- SyncML Manual Test Cases [3]

Vendors will need to complete [2], indicating their level of conformance to the SyncML Protocol and Representation. Any areas that are not conformant will need to be explained.

Vendors will need to complete [3], indicating which server or client were used. Vendor must indicate which objects and their version were used in the tests (e.g. vCard 2.1, iCal 2.0, etc).

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4 Informative SCTS items

SyncML Interoperability Committee (SIC) is required to develop and maintain the SCTS in order to provide appropriate SyncML Conformance Testing methods. In order to achieve this, SIC needs to provide proper test methods within reasonable time frame. Therefore, the chosen approach is to initially provide manual test cases [3] to enable the SyncML conformance testing.

In order to provide better quality test method in the future, SIC is developing SyncML Conformance Test Tool. Once the tool is available, it will replace the test cases as a SyncML Conformance Testing method.

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5 References

[1]   SyncML Conformance Testing Process

[2]   SyncML Interoperability Conformance Statement Proforma

[3]   SyncML Manual Test Cases