

LIAISON STATEMENT

Title: LS on Alignment between OMA CAB Enabler and W3C DAP Contacts API Public Confidential LS¹
Date: 09 Aug 2010
To: W3C DAP WG
Source: COM-CAB SWG of the Open Mobile Alliance
Send Replies to: OMA COM-CAB
OMA-LIAISON@mail.openmobilealliance.org
Contact(s): OMA CAB Chair, Cristina Badulescu, Ericsson Communications Inc.,
cristina.badulescu@ericsson.com,
Attachments: n/a

1 Overview

OMA COM-CAB SWG is working on the definition of Converged Address Book (CAB) Enabler to address the requirements of a Converged Address Book. The CAB Enabler addresses the following functionality:

- Management and synchronization of a network-based Address Book (AB) and definition of the associated data model.
- Management of Personal Contact Card (PCC) and definition of the associated data model
- Value-added features such as Contact Subscription, Contact Share, Contact Search (internal/external), and Interworking with non-CAB AB systems.

The technical documents related to CAB Enabler specifications can be obtained from the following URL (login required):

http://member.openmobilealliance.org/Portal_WISPR/ReleaseView.asp?Releaseid=153&WkiNumber=W0155&TblId=147&subTB=147&TblId=&Param=kE6t0C7MFjHIKIHM7sUyk&ShowApp=&Alone=&SearchWG=&SearchWkiNb=&SearchReleaseNb=&SearchChampion=&SearchRegName=&SearchFormalRelease=&SearchMaintenanceRelease=&SearchService=&sort=&dir=

Recently, it was brought to our attention that W3C DAP WG is working on a Contacts API Specification for Web Applications running on a device. We are pleased to be informed regarding your API efforts and welcome this work in W3C. However, some of our members have raised concerns regarding the interoperability between the contact format used in Contacts API (i.e. PoCo format) and the OMA CAB Format.

¹ If the “Confidential LS” box is selected, this liaison statement is intended to be Confidential per agreement by OMA and the addressed organization. Neither side should make this communication available to non-members.

NO REPRESENTATIONS OR WARRANTIES (WHETHER EXPRESS OR IMPLIED) ARE MADE BY THE OPEN MOBILE ALLIANCE OR ANY OPEN MOBILE ALLIANCE MEMBER OR ITS AFFILIATES REGARDING ANY OF THE IPR'S REPRESENTED ON THE "OMA IPR DECLARATIONS" LIST, INCLUDING, BUT NOT LIMITED TO THE ACCURACY, COMPLETENESS, VALIDITY OR RELEVANCE OF THE INFORMATION OR WHETHER OR NOT SUCH RIGHTS ARE ESSENTIAL OR NON-ESSENTIAL.

THE OPEN MOBILE ALLIANCE IS NOT LIABLE FOR AND HEREBY DISCLAIMS ANY DIRECT, INDIRECT, PUNITIVE, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES ARISING OUT OF OR IN CONNECTION WITH THE USE OF DOCUMENTS AND THE INFORMATION CONTAINED IN THE DOCUMENTS.

THIS DOCUMENT IS PROVIDED ON AN "AS IS" "AS AVAILABLE" AND "WITH ALL FAULTS" BASIS.

OMA CAB format was developed with contributions from various industry members ranging from operators, network vendors and terminal manufacturers, and is based on CAB requirements to address the needs of evolving address book formats and services with the goal of having a single format for interoperability reasons.

The CAB SWG reviewed the Contacts API (<http://www.w3.org/TR/2010/WD-contacts-api-20100701/>), W3C Working Draft 01 July 2010, in particular the ContactProperties interface that defines the contact fields for the address book. The group identified that the contact fields in the ContactProperties interface are not compatible with those defined in CAB (Please see sub clauses 5.1.1.1 and 5.2.1.1 of http://member.openmobilealliance.org/ftp/Public_documents/COM/COM-CAB/Permanent_documents/OMA-TS-CAB_XDMS-V1_0-20100806-D.zip for the detailed definition of contact fields supported in the CAB Address Book and Personal Contact Card respectively).

In order to ensure alignment between W3C and OMA, the CAB SWG has indicated a strong desire for W3C DAP to adopt OMA CAB Format to avoid further fragmentation in the market: Note that OMA CAB is also working on mapping between vCard 2.1 and CAB Format for maximum interoperability.

An alternative proposal that was made was to request that W3C DAP defines APIs to use only the common fields across various formats (i.e. OMA CAB, IETF vCard, and PoCo) and provides a mapping table in the Annex between the common fields in DAP and the other formats.

2 Proposal

In summary, the OMA CAB SWG proposes the following two options to ensure alignment between OMA and W3C re the contact fields:

- 1) W3C DAP adopts CAB Format as the underlying format for the Contacts API specification, and the API refers normatively to data structure and semantics of the CAB Format specification.
- 2) W3C DAP defines APIs to support only common fields between across the standard formats (i.e. OMA CAB, IETF vCard, and PoCo), and a mapping is provided between the fields supported by the Contacts API specification and the other standard formats.

3 Requested Action(s)

OMA CAB SWG kindly requests the W3C DAP WG to:

- Review and consider the two options presented in this liaison, and possibly adopt one of the proposed options to ensure alignment and avoid fragmentation as much as possible between the two standards.
- Keep us informed of the outcome of the discussion and your actions regarding the API alignment with CAB Format

4 Conclusion

OMA CAB SWG would like to thank W3C DAP for your work on the Contacts API and look forward to the best possible alignment between the CAB Format and the Contacts API specification.