

Liaison Statement

Title

LS on Efficient XML and Remote Update Technologies from W3C to OMA

Date

2006-01-11

Source

W3C

Send replies to

Hypertext CG, Chair: [Chris Lilley](#)

EXI WG, Chairs: [Oliver Goldman and Robin Berjon](#)

Web API WG, Chair: [Robin Berjon](#)

Introduction

The EXI and Web API WGs, as well as the Hypertext CG, would like to thank you warmly for your liaison statement. We are delighted to note that OMA has an interest in our work and look forward to a long and fruitful collaboration. We are at your disposal for any further enquiries.

Efficient XML

Following on from work done by the XBC WG (see below), which defined the efficient XML problem space and, having delivered its results on schedule, then closed, the EXI WG has started work in earnest on defining a format for Efficient XML Interchange, targeting a generic set of uses cases that include the mobile industry as a domain of primary importance. While we are only at the beginning of our part of the work, we are already proceeding at a steady pace and expect to meet the dates for our deliverables outlined in our charter. The two first dates to keep in mind are:

- **May 2006:** first draft of a Note providing an analysis of the performance of the solution we are working on.
- **September 2006:** first draft of the efficient XML interchange format.

For both of these documents, we would like to solicit OMA's expertise to review them. At the time of their publication we will make sure to liaise with OMA so as to ensure that you are informed of our work.

As mentioned above, the work of the EXI WG is effectively the implementation subsequent to the analysis conducted previously by the XBC WG. Of the four documents that the XBC WG produced and that are guiding our progress, there are two which we believe may be of particular interest to OMA:

XBC Use Cases - <http://www.w3.org/TR/xbc-use-cases/>

This document outlines the use cases which we have considered in defining our requirement. We would welcome input from OMA indicating whether these use cases indeed do include those which OMA is considering, or if there is further information that we should be appraised of in order to best address your needs.

XML Binary Characterization - <http://www.w3.org/TR/xbc-characterization/>

This document describes the process through which we have obtained our requirements, and concludes with a list of the requirements which will govern EXI's work in the definition of a new format. Again, we would like to ensure that our requirements present no mismatch with those

OMA has in order to ensure that the technology we produce will be directly usable by the mobile industry.

Remote Updates

Many constituents of our membership, several of which are also OMA members, have asked that W3C develop a specification providing capabilities for remote interaction, more specifically XML document updates, that would integrate natively with SVG and CDF, would be Royalty Free, and would benefit from the expertise with XML, DOM, and user interaction vocabularies available to W3C working groups.

The recent chartering of the Web API WG has allowed us to begin work on this item, in close collaboration with the SVG WG. We are pursuing an aggressive schedule in delivering this item, which both WGs agree is high priority. We will be releasing a first public draft of this specification for Remote Events in XML (REX) the first week of February, and intend to reach Candidate Recommendation status in May or June. The Web API WG is also in communication with the EXI WG in order to ensure that REX will be compatible with efficient transmission of updates.

OMA's input would be very welcome in the defining of this technology. Should you be interested, we hope that you will be able to review our first public working draft during your next meeting and look forward to your feedback.

Conclusion

W3C thanks OMA for your input and enquiries, and we look forward to working to our next exchange.