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May 2007 - Seattle, WA – Sponsored by Boeing**  
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## **CALENDAR INTEROPERABILITY EVENT**

### **May 2007 – Boeing – Seattle, WA**

#### **Introduction**

This document contains notes and results from the May 2007 calendar interoperability event, sponsored by Boeing, held in Seattle Washington. The basic purpose of the event was to test CALDAV Free Busy and Scheduling and iCalendar iMIP and iTIP events.

The chart below shows the attendees, their organization and the products they were testing.

| <b><u>Attendees</u></b> | <b><u>Organization</u></b> | <b><u>Products</u></b>                     |
|-------------------------|----------------------------|--|
| Cyrus Daboo             | Apple                      | Apple Client and CALDAV server             |
| Michael Douglass        | RPI                        | Bedework CALDAV Server                     |
| Daniel Boelzle          | Mozilla                    | Lightning and Thunderbird Calendar clients |
| Tony Becker             | Marware                    | Marware Calendar                           |
| Mikeal Rogers           | OSAF                       | Cosmo CALDAV server and Chandler Client    |
| Daniel Rauschenbach     | Synchronica                | CALDAV Server                              |

Note: Oracle was not present but provided external access to their CALDAV server for testing purposes.

#### **General Comments**

The following applications and products were tested:

Four CALDAV servers - RPI, Oracle, Apple and OSAF (Cosmo)  
Four CALDAV clients - OSAF (Chandler), Mozilla, Marware and Apple  
iCalendar interoperability – Mozilla and Apple

#### **General Comments**

The focus of this event was Free Busy and Scheduling testing in CALDAV. As more and more clients are adding in the features, we are able to test more of the spec. During testing, bugs in code were found and noted. One of the benefits of interoperability testing is to stress test implementations in a controlled environment. Each product found situations where they need to go back and adjust their implementations in order to improve interoperability.

Examples of what is tested:

Connection to all CALDAV servers from all clients.  
Successfully publishing events  
Publishing separate calendars  
Handling of errors and authentication

Examples of issues found are:

Serialization of all requests  
Handling of Mkcalendar  
Products not showing first instances  
Not handling EXDATE=a,b,c  
Fetching etags on non-existing resources when adding items  
Error reporting  
Weekly recurring event 4 times - Queries "in between" weeks return no results  
Deleting recurring event with multiple overridden instances  
UI handling of switching between recurring event with count (1.2) that do not update the recurrence field

Deleting some instances, then changing the whole event into an all-day daily recurring one failed (err 500)  
A server that seems to filter out a VALARM and doesn't write it.

### **Summary**

We continue to have good results testing CALDAV clients and servers. General comments again are that it is always good to have interops in person. The ability to stress test in a controlled, "safe" environment is a plus.

The aim of the next interop is to test more CALDAV Scheduling features.

Respectfully submitted, Pat Egen, Interoperability Event Manager