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CalConnect
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CalConnect Technical Committees: TC Mobile

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*CalConnect is a Service Mark of The Calendaring and Scheduling Consortium

Agenda

- What is different about mobile calendaring?
- Charter
- Milestones to date
- Highlights from work products
- Future plans

What is different about mobile calendaring?

Capabilities

Less memory & processing power

Limited battery life

Small screen size

Lower resolutions

Input methods

Connectivity

Bandwidth/Latency

Intermittent Connectivity



Usage

Device is mobile

User pays for data

Calendar usage may be interrupted

Challenges

Software distribution

Proprietary platforms

Open standards adoption

Charter

The goal of the Mobile technical committee is to identify the issues associated with mobile calendaring & scheduling and propose recommendations on how to address any problem areas.

This TC will provide the Consortium with information on the current state of mobile calendaring & scheduling and gather requirements and use cases specific to mobile environments.

The TC will promote adoption of open calendaring standards for mobile devices (e.g. iCalendar and CalDAV) and create best practice documents as needed to assist implementation of these standards.

To achieve these goals, the TC intends to work in concert with organisations and vendors in the mobile industry.

Milestones to date

TC-MOBILE
chartered at
Roundtable IV

Mobile Calendar
Interoperability
Test Suite

2007

2006

2008

Mobile Calendaring
Questionnaire Results

The Benefits of iCalendar
for the Mobile Industry

Mobile workshop at
Roundtable VII

First Mobile CITE at
Roundtable XI

Virtual Test Lab
Requirements

Mobile Recurrence
Interoperability
Recommendations

Second Mobile CITE

Mobile Calendaring Questionnaire

- Two questionnaires were conducted in 2006 to understand
 - ◆ What feature sets were currently supported
 - ◆ What features users wanted

Example: What would you like to be able to do with your device that you cannot do right now?

"Sync reliably"

"Power on quickly : -)"

"SyncML! Synchronize the calendar"

"Use the calendar better, and sync it with PC apps..."

"Handle events in different time zones"

The Benefits of iCalendar paper

- iCalendar is the standard for interoperable exchange of calendaring information
 - ◆ It is widely used and is being actively developed
 - ◆ However, it has limited adoption within the mobile industry

- TC Mobile produced a white paper to promote wider adoption of iCalendar on mobile devices. It covers
 - ◆ The differences between vCalendar and iCalendar
 - ◆ The benefits of using iCalendar
 - ◆ Current efforts to improve interoperability

Mobile Calendar IOP Test Suite

Examples of known problem areas

Task
Completion



Reminders



Long Fields
& Truncation



Special &
Multi-Byte
Characters

€å 北京

Time Zones
& Repeating
Meetings

All Day Events

Same Time Zone
Different TZ
Multi-day Events

Future Plans

- CalDAV for mobile devices white paper
 - ◆ It will describe technical requirements, recommendations and future mobile-specific possibilities
 - ◆ We hope this will help explain the relevance of CalDAV to mobile devices

- More interoperability testing
 - ◆ Regular face to face events and virtual testing

- Mobile Calendaring workshop
 - ◆ CalConnect is considering a mobile event in 2009