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[Design] Jabber handling of iCal

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A few comments about osaf's current thinking on icalendar, chandler's calendar parcel, jabber, etc.

+ Chandler will be able to import and export straight iCalendar [1] files

+ Chandler will likely be able to import and export rdf/xml [2] files with calendar data (using standard ontologies where they exist [3])

+ Its not a big leap to imagine that Chandler would be able to import and export xcal [4] files, if xcal is there and there's a demand for it. Generally speaking, we hope to have a flexible framework so that folks could contribute "import/export" parcels, so that all sorts of formats are possible.

+ Chandler will not store calendar data as "straight ical files", nor will it store rdf triples directly. Chandler will store calendar appointments as "items" in Chandler's "item repository", just like other types of items. The Chandler repository will provide the foundation for sharing all types of items, including calendar items.

+ Chandler will likely be able to grok "straight ical" data, rdf/xml calendar data, and/or xcal data using other mechanisms in addition to importing/exporting files.

+ Chandler will likely support iTIP/iMIP [5,6], using email as a transport for inviting people to meetings, responding to invitations, etc. This would mean Chandler would be able to grok "straight ical" and "straight itip" data.

+ CAP [7] is another possibility, which would allow Chandler to be a client to any CAP server. As with iMIP, Chandler would need to grok "straight ical" data.

+ One could imagine that Chandler supported xcal data over a jabber transport for some use cases, presumably this is one of the interesting topics to discuss. Perhaps iTIP/XMPP is interesting?

+ One could imagine Chandler using WebDAV in a manner similar to iCal (Apple's client).

Cheers,
Katie

- [1] iCalendar: <http://www.ietf.org/rfc/rfc2445.txt>
- [2] <http://www.w3.org/TR/rdf-syntax-grammar/>
- [3] RDF calendar taskforce: <http://ilrt.org/discovery/2001/04/calendar/>
- [4] xcal:
<http://www.ietf.org/internet-drafts/draft-ietf-calsch-many-xcal-03.txt>
- [5] iTIP: <http://www.ietf.org/rfc/rfc2446.txt>
- [6] iMIP: <http://www.ietf.org/rfc/rfc2447.txt>
- [7] CAP: <http://www.ietf.org/internet-drafts/draft-ietf-calsch-cap-10.txt>
- [8] ietf calendaring overview: <http://www.ietf.org/rfc/rfc3283.txt>
- [9] ietf calendar: <http://www.imc.org/ietf-calendar/index.html>