**Agenda**

* Progress (Sean Hefty)

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**Progress**

(Related in some way to Doug Ledford’s presentation from last week re; callbacks.)

Slide 4 – Current proposal:

* Multiple progress models
* App can modify the progress model
* Progress is at the provider level (may be too coarse-grained)

Slide 5 – “Auto-Progress” (1st of three suggested models)

* Simplest from an app perspective, but may not be the most performant

Slide 6 – “Implicit Progress” (2nd of 3)

* Depends on application thread to make progress
* An opportunistic model; the provider takes advantage of the thread whenever the application makes a call to the provider.
* Assumption is that the provider cannot block the app thread for a long time, e.g. wait for an acknowledgement, etc.

Slide 7 – “Explicit Progress” (3rd of 3)

* Provider exposes a ‘progress’ call that app must invoke in order to advance progress.

Slide 8 – Notifications

* If h/w advances progress, event queues are ideal
* If s/w advances progress, callbacks may be the highest performing method

Slide 9 –

No specific conclusions, yet. Jeff Squyres suggests looking at specific use cases, to ensure that these methods will have a good chance of actually being used.

Liran offers to present the Accelio API implementation as a model.

**Agenda for next meeting**

Liran to present the relevant parts of the Accelio API implementation as a model.

**Next regular telecom**

Next meeting: Tuesday, 5/13/14

9am-10am Pacific daylight time

**NOTE: We have shifted over to using WebEx. Please let us know if you don’t have the new meeting invitation.**