**Agenda**

* review results of F-2-F

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**Review output from the MPI point-to-point pseudo-code group**

Are cancel properties needed? The provider has the liberty to say that cancel is not supported for a given operation. Is this sufficient, or is there a requirement for a bounded time; i.e. if an application requests a cancel, the provider needs to provide a bounded time in which the cancel will occur. FI\_CANCEL is a flag that must be provided by the provider, allowing the provider to define. Need a documentation update clarifying that if a provider supports cancel it supports it within a bounded time. Sayantan will submit a patch to the man page.

Datatypes – Jeff was requesting added datatypes such as strided, and others. These aren’t really ‘datatypes’, they are really data formats. Sayantan will follow up with Jeff Hammond.

MPI\_Probe, MPI\_Mprobe – current FI\_TAGGED man page has a ‘write me’.

Generally, how do we track opens in e.g. the man pages? Use github’s bug tracker.

Flow control – e.g. Reuse of receive buffer resources. What happens when the receiver is overrun with inbound requests. Are these simply reflected upwards to the MPI layer, or are they handled at the API layer? Break these out as two separate discussions:

* reporting overrun conditions upwards, and
* handling overruns autonomously by the provider.

What is the list of resources that could be overrun – buffers, event queues, counters, are there others?

For reporting overruns, suggestion is to reserve at least one event queue entry.

Counter objects – what happens when a counter overflows? Currently defined as 64 bit counters, so overflow should not be an issue and can be handled consistent with other types of overflows. This may be an issue for h/w implementations of counters that are less than 64 bits. An option is to insert a requirement in the man pages that the counter must be implemented as 64 bits. This would be ‘optional normative’, meaning that if the counter is implemented, it must be implemented as 64 bits.

Another option is to allow the provider to specify the size of the counters it supports in the same way that a provider specifies sizes of send queues, receive queues, etc.

AR - Sayantan volunteers to patch the man page.

HOMEWORK Assignment for next week: Review the detailed minutes from the F-2-F, the summary .pptx and the presentations, and come next week prepared to discuss how to break out the list of issues into parallel tasks.

**Agenda for next meeting**

TBD

**Next regular telecom**

Next meeting: Tuesday, 9/9/14

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.**