**OFI WG telecon – 02/13/2018**

**Agenda:**

C++ proposal: ISO C++ fabrics the STEllAR HPX libfabric use case – Chris Taylor

C++: consider features of libfabric that should be included as part of a cpp solution – Sean Hefty

               includes identifying problems with ASIO relative to those features

libfabric: two new feature ideas – Sean

* notification queue
* variable sized messages

**C++ proposal – Chris Taylor**

Objective – walk through HPX’ usage of libfabric via parcelport

**C++ mapping libfabric features to ASIO - Sean**

* Described the ASIO model (previously reviewed).
* Identify gaps between ASIO and OFI feature set
* Suggests proposing extensions to ASIO as needed and map ASIO’s I/O service model on top of libfabric.

**Next meeting**

Sean – new libfabric features: Variable sized messages.

**Recording:**

|  |
| --- |
| **Every 2 week OFIWG/libfabric meeting (2018)-20180213 1708-1** |
| Tuesday, February 13, 2018 |
| 12:08 pm  |  Eastern Standard Time (New York, GMT-05:00) |

|  |
| --- |
|  |

|  |  |
| --- | --- |
| [**Play recording**](https://cisco.webex.com/ciscosales/lsr.php?RCID=894b9796cc4c4ad2ac9573cb835d242e) (53 min 25 sec) | |
| Recording password: 5mC5Dwyc |  |

**Webex link:** See the OFA central calendar for meeting logistics. <https://openfabrics.org/index.php/ofa-calendar.html>

**OFIWG Download Site:** [www.openfabrics.org/downloads/OFIWG](http://www.openfabrics.org/downloads/OFIWG)

**Github:** <https://github.com/ofiwg/libfabric>

**OFI Software Download Site:** [www.openfabrics.org/downloads/OFI](http://www.openfabrics.org/downloads/OFIWG)

**Next regular telecon**

Next meeting: Tuesday, 12/19/17

9am – 10am Pacific daylight time