

Core Working Group Biweekly Status Call 10-03-14

Notes

- Microsoft asked about runtime size, looking to establish a baseline.
 - Microsoft has done some optimizations for reducing the footprint by 30%.
 - Looking to provide a process for managing that.
 - QCE suggested that looking at using async IO for the IO model, as that might yield some benefit.
- Microsoft opened a discussion about scalability.
 - QCE indicated that we have done system test in the past, and most of the content for 14.12 is targeted at addressing these scalability issues.
 - QCE offered to share configuration and the test cases.
 - Microsoft indicated that for testing scalability for a home environment, ~100 devices is fine, but for enterprise that is too small.
 - QCE indicated that this is likely an area for architectural evolution?
- Technicolor presented their test plan for the changes they are making in 14.12.
 - QCE asked about scalability section and offered to provide information on the Yun farm.
 - QCE asked about how test cases/plans will be shared, Technicolor indicated that is still work in progress.
 - Technicolor asked what the minimal criteria are for acceptance and walked through the various bugs:
 - ASACORE-47 QCE owns the binding work
 - ASACORE-917 – not clear exactly what the API change are, but it should be exposed to all platforms
 - ASACORE-916 - all bindings
 - ASACORE-918 – C++ only fine
 - ASACORE-919 not clear if it is going to come. Seems helper library, doesn't need more than C++ initially.
 - ASACORE-964 – C++ only is fine
- Technicolor discussed Security Manager
 - Clarified that vulnerability testing will be done against Core.
- Discussed Test strategy, looking to leverage existing tests.
 - QCE indicated that it is desirable to have others participate in the infrastructure in order to get unit test in place, and the ability to add more into Jenkins.
 - QCE will send a mail to the core mailing list on the backwards compatibility testing that is currently done
- Decision that C++11 cannot currently be supported because of the requirement to support OpenWRT.
- Decided to have an interim meeting to cover the topics that we missed, this week.
 - QCE will set up meeting up for Oct 7 @ 10am PT. and send invite to the Core WG mail list