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<td>AMPI ROMIO build error</td>
<td>Venkatasubrahmanian Narayanan</td>
<td>03/05/2019 01:34 PM</td>
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<td>559</td>
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<td>Generic (un)marshalling code to replace code generation per entry-method</td>
<td>Venkatasubrahmanian Narayanan</td>
<td>02/28/2019 12:22 PM</td>
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<td>558</td>
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<td>Eliminate need for code generation from .ci file with full compile-time error checking</td>
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<td>1562</td>
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<td>Enable message allocation, construction, packing, etc, without generated .ci file code</td>
<td>Venkatasubrahmanian Narayanan</td>
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<td>Chare and entry method registration, instantiation, and invocation without code generated by charmxi from .ci files</td>
<td>Venkatasubrahmanian Narayanan</td>
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<td>Replace SDAG in charmxi with pure C++</td>
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<td>Improve error message for unregistered chares/entry methods for when a module isn't visible</td>
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<td>tests/charm++/sdag/streamingAllToAll fails on mpi-win-x86_64-smp with debug options (-g -O0)</td>
<td>Evan Ramos</td>
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<td>Enable +isomalloc_sync by default for AMPI</td>
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<td>charmrun with mpirun instead of srun?</td>
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<td>Add [whenidie] to simplify speculative execution</td>
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<td>OD and AtSync may not work well together</td>
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<td>Inconsistent AtSync behavior with bound arrays</td>
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<td>Design a Many to Many API on the ZeroCopy API</td>
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<td>pamiIRs machine layer is less performant than pami machine layer</td>
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<td>Core Dump file not available unless <code>--disable-charmdebug</code> is used while building.</td>
<td>Kavitha Chandrasekar</td>
<td>02/15/2019 03:06 PM</td>
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<td>Update AMPI's version of ROMIO</td>
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<td>Deprecate message logging fault tolerance</td>
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<td>Examine the converse header fields for all layers and remove/reduce fields wherever applicable</td>
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<td>Charae array broadcast messages don't appear to be freed by the runtime</td>
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<td>AMPI shrink/expand example and documentation</td>
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<td>trace CckCallFnAfter() causality</td>
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<td>AMPI support for MPI_Win_allocate_shared</td>
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<td>CMK_TIMER_USE_PPC64 inaccurate with variable clock speeds</td>
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<td>Take advantage of streamable reductions inside CkMulticast</td>
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<td>Get large messages directed at migrated objects directly from the sender</td>
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<td>Some CkCallback types are not valid across checkpoint/restart</td>
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<td>Projections shows garbage for the source PE of a chare array insertion event</td>
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<td>cxexit with interop hangs sometimes</td>
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<td>Idle PEs compete with comm thread for node queue lock</td>
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<td>Add CUDA as an option in the build script</td>
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<td>Update GPU Manager Tracing API</td>
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<td>Remove need for +LBCommOff</td>
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<td>Hang in tests/charm++/+chkpt when using -tracemode perfReport</td>
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<td>Serialize std::vector with Custom Allocator</td>
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<td>Reassess whether the primary scheduler thread should support CthSuspend</td>
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<td>Segfault during migration for AMPI in SMP mode with &quot;-tracemode projections&quot;</td>
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<td>Verbs memory pool may leak pinned memory when message is deleted on a PE different from the one to which it was delivered</td>
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<td>Multi-GPU support with hwloc</td>
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<td>Singleton chare and nodegroup creation hangs with randomized queues in SMP mode</td>
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<td>GPU Handler PEs</td>
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<td>Avoid receiver-side copy for large contiguous messages. API for charm and converse layers</td>
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<td>tests/charm++/sdag/migration and tests/charm++/sdag/anytimeMigration fail on mpi-win-x86_64-smp with debug options (-g -O0)</td>
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<td>examples/charm++/TRAM/randomAccessGroup crashes on mpi-win-x86_64-smp with debug options (-g -O0)</td>
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<td>Isomalloc PUP has invalid read memory errors</td>
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<td>AMPI bindings for C-Fortran interop are incomplete</td>
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<td>Perfect forwarding support is broken for templated entry methods</td>
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<td>Documentation on Kokkos Interoperability</td>
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<td>Bug</td>
<td>New</td>
<td>Normal</td>
<td>Add &quot;--enable-tracing --enable-tracing-commthread&quot; to an autobuild target</td>
<td>Nilin Bhat</td>
<td>10/26/2018 05:22 PM</td>
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<tr>
<td>2018</td>
<td>Bug</td>
<td>New</td>
<td>Normal</td>
<td>Use of function pointers causes CkCallback errors in some ASLR environments</td>
<td>Nilin Bhat</td>
<td>10/26/2018 04:49 PM</td>
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<td>2017</td>
<td>Feature</td>
<td>New</td>
<td>Normal</td>
<td>Support for freeing Sections</td>
<td>Raghavendra Kanakagiri</td>
<td>10/26/2018 03:55 PM</td>
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<td>1924</td>
<td>Bug</td>
<td>New</td>
<td>Normal</td>
<td>Calls to char array element entry methods can fail from [immediate] node group methods</td>
<td>Michael Robson</td>
<td>10/25/2018 11:26 AM</td>
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<tr>
<td>1520</td>
<td>Bug</td>
<td>New</td>
<td>Normal</td>
<td>multicore-darwin-x86_64 megatest hangs when built with --enable-randomized-msgq --with-prio-type=int --enable-error-checking -debug</td>
<td>Kavitha Chandrasekar</td>
<td>10/22/2018 10:07 PM</td>
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<td>1991</td>
<td>Bug</td>
<td>New</td>
<td>Normal</td>
<td>CkScarf broken with charmrun</td>
<td>Evan Ramos</td>
<td>10/18/2018 03:03 PM</td>
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<td>2000</td>
<td>Cleanup</td>
<td>New</td>
<td>Normal</td>
<td>debug and introspection API coverage</td>
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<td>10/18/2018 01:29 PM</td>
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<td>1999</td>
<td>Cleanup</td>
<td>New</td>
<td>Normal</td>
<td>evaluate record/replay in make test</td>
<td></td>
<td>10/18/2018 01:26 PM</td>
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<td>1998</td>
<td>Cleanup</td>
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<td>Normal</td>
<td>integrate charmppy tests into coverage</td>
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<td>10/18/2018 01:23 PM</td>
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<td>1997</td>
<td>Cleanup</td>
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<td>Improve coverage of tests for ck.C</td>
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<td>10/18/2018 01:12 PM</td>
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<td>1986</td>
<td>Feature</td>
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<td>Normal</td>
<td>Avoid msg creation when contributing a pointer to a streamable reduction</td>
<td>Nitin Bhat</td>
<td>10/18/2018 12:30 PM</td>
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<td>1992</td>
<td>Feature</td>
<td>New</td>
<td>Normal</td>
<td>Distribute a Valgrind error suppression file that suppresses known RTS memory leaks</td>
<td>Nitin Bhat</td>
<td>10/18/2018 12:30 PM</td>
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<td>1205</td>
<td>Bug</td>
<td>New</td>
<td>Normal</td>
<td>AMPI's -lglobals option is only supported by GCC</td>
<td>Sam White</td>
<td>10/18/2018 09:39 AM</td>
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<tr>
<td>1904</td>
<td>Bug</td>
<td>New</td>
<td>Normal</td>
<td>Review CMK_PQUEUE_LOCK and CMK_NO_ASMAVAILABLE</td>
<td>Kavitha Chandrasekar</td>
<td>10/05/2018 12:16 PM</td>
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<td>1907</td>
<td>Cleanup</td>
<td>New</td>
<td>Normal</td>
<td>Reimplement CmiNumNodes et al using hwloc</td>
<td>Evan Ramos</td>
<td>10/02/2018 01:54 PM</td>
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<td>23</td>
<td>Feature</td>
<td>New</td>
<td>Normal</td>
<td>Optimization of MPI layer</td>
<td>Nitin Bhat</td>
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<td>41</td>
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<td>LRTS Machine layer flow control</td>
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<td>60</td>
<td>Feature</td>
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<td>Exploit phase boundaries in iterative apps</td>
<td>Juan Galvez</td>
<td>09/27/2018 03:01 PM</td>
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<td>338</td>
<td>Cleanup</td>
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<td>Normal</td>
<td>Remove &quot;custom packed messages&quot; in favor of PUP framework</td>
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<td>634</td>
<td>Feature</td>
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<td>Normal</td>
<td>Mechanism (fence/barrier) to delay execution of long methods until latency-sensitive methods are done</td>
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<td>09/27/2018 02:56 PM</td>
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<td>1681</td>
<td>Support</td>
<td>New</td>
<td>Normal</td>
<td>Document Exception Handling in Charm++</td>
<td>Evan Ramos</td>
<td>09/27/2018 02:43 PM</td>
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<td>1693</td>
<td>Feature</td>
<td>New</td>
<td>Normal</td>
<td>Print template parameters when missing explicit instantiation</td>
<td>Eric Mikida</td>
<td>09/27/2018 02:43 PM</td>
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<td>1697</td>
<td>Feature</td>
<td>New</td>
<td>Normal</td>
<td>Distinguishing local object calls from entry method calls</td>
<td>Eric Mikida</td>
<td>09/27/2018 02:42 PM</td>
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<td>1865</td>
<td>Feature</td>
<td>New</td>
<td>Normal</td>
<td>Implement zero copy translation for move semantics and rvalue refs</td>
<td>Eric Mikida</td>
<td>09/27/2018 02:40 PM</td>
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<td>1903</td>
<td>Bug</td>
<td>New</td>
<td>Normal</td>
<td>All load balancing framework should be off if we don't have any load balancers linked</td>
<td>Juan Galvez</td>
<td>09/27/2018 02:39 PM</td>
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<tr>
<td>1918</td>
<td>Feature</td>
<td>New</td>
<td>Normal</td>
<td>Enable immediate method tracing when CMK_SMP_TRACE_COMMTHREAD is enabled</td>
<td>Ronak Buch</td>
<td>09/27/2018 02:34 PM</td>
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<td>1914</td>
<td>Feature</td>
<td>New</td>
<td>Normal</td>
<td>Make AtSync load balancing the default rather than periodic</td>
<td>Juan Galvez</td>
<td>09/27/2018 02:31 PM</td>
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<td>1923</td>
<td>Cleanup</td>
<td>New</td>
<td>Normal</td>
<td>Remove BigSim support</td>
<td>Eric Bohm</td>
<td>09/27/2018 01:58 PM</td>
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<td>1958</td>
<td>Bug</td>
<td>New</td>
<td>Normal</td>
<td>&quot;View&quot; -&gt; &quot;Display Legend&quot; is broken</td>
<td>Ronak Buch</td>
<td>09/27/2018 01:53 PM</td>
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<tr>
<td>1459</td>
<td>Feature</td>
<td>New</td>
<td>Low</td>
<td>Zero-copy send support for the netfrts machine layer</td>
<td>Nitin Bhat</td>
<td>09/20/2018 01:29 PM</td>
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<tr>
<td>13</td>
<td>Feature</td>
<td>New</td>
<td>Normal</td>
<td>CkCallback to section breaks</td>
<td>Juan Galvez</td>
<td>09/12/2018 05:59 PM</td>
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<td>1976</td>
<td>Bug</td>
<td>New</td>
<td>Normal</td>
<td>ci files with extensive code blocks result in incorrect line numbering in syntax errors and in gdbg</td>
<td>Eric Mikida</td>
<td>09/11/2018 10:30 AM</td>
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<td>1972</td>
<td>Feature</td>
<td>New</td>
<td>Normal</td>
<td>Tests/examples for non-threaded Charm++ programs using Isomalloc</td>
<td>Evan Ramos</td>
<td>09/07/2018 01:41 PM</td>
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<td>1309</td>
<td>Feature</td>
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<td>Normal</td>
<td>Use CkMulticast for collectives on AMPI subcommunicators</td>
<td>Raghavendra Kanakagiri</td>
<td>09/06/2018 03:36 PM</td>
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<td>1936</td>
<td>Bug</td>
<td>New</td>
<td>Low</td>
<td>pose.decl.h is not found when using pose.h in the BigNetSim emulator</td>
<td>Ronak Buch</td>
<td>09/06/2018 03:13 PM</td>
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<td>1928</td>
<td>Bug</td>
<td>New</td>
<td>Normal</td>
<td>Projections shows idle time for offloaded work from OpenMP pragmas</td>
<td>Ronak Buch</td>
<td>09/06/2018 03:12 PM</td>
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<td>1939</td>
<td>Feature</td>
<td>New</td>
<td>Normal</td>
<td>Add concept of exclusions to automated provisioning arguments</td>
<td>Evan Ramos</td>
<td>09/06/2018 03:11 PM</td>
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<td>1505</td>
<td>Cleanup</td>
<td>New</td>
<td>Low</td>
<td>Deprecate hapi_pool* in favor of hapi_host*</td>
<td>Michael Robson</td>
<td>09/06/2018 02:08 PM</td>
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<td>1155</td>
<td>Bug</td>
<td>New</td>
<td>Normal</td>
<td>AMPI's non-blocking collectives are not sequenced</td>
<td>Sam White</td>
<td>08/28/2018 10:33 AM</td>
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<td>424</td>
<td>Feature</td>
<td>New</td>
<td>Normal</td>
<td>CkIO: Automatic re-open of files across checkpoint/restart</td>
<td>Ronak Buch</td>
<td>08/23/2018 09:15 PM</td>
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<td>200</td>
<td>Feature</td>
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<td>Low</td>
<td>Contribute a PUP::able entity</td>
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<td>1542</td>
<td>Bug</td>
<td>New</td>
<td>Normal</td>
<td>CkArrayCreated callback should be part of CkArrayOptions</td>
<td>Evan Ramos</td>
<td>08/23/2018 12:06 PM</td>
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<tr>
<td>1887</td>
<td>Bug</td>
<td>New</td>
<td>Normal</td>
<td>Custom array indices segfault in CkVec inside of LB framework</td>
<td>Eric Mikida</td>
<td>08/21/2018 08:53 PM</td>
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<tr>
<td>1935</td>
<td>Bug</td>
<td>Feedback</td>
<td>Low</td>
<td>Charm++ version and commit information is not available in tarball downloads of repo</td>
<td>Ronak Buch</td>
<td>08/17/2018 05:35 PM</td>
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<td>1708</td>
<td>Bug</td>
<td>Implemented</td>
<td>High</td>
<td>Charm++ programs hang with mpi-crayxc build on Edison when run on 2 hosts</td>
<td>Nitin Bhat</td>
<td>08/17/2018 05:34 PM</td>
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<td>1949</td>
<td>Bug</td>
<td>New</td>
<td>Normal</td>
<td>Ensure that 'End of Program' message is printed consistently for every charm program execution</td>
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<td>08/17/2018 05:29 PM</td>
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<td>1966</td>
<td>Bug</td>
<td>New</td>
<td>Normal</td>
<td>ofi non smp fails when #PUs &gt; #cores</td>
<td>Nitin Bhat</td>
<td>08/17/2018 05:23 PM</td>
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<td>944</td>
<td>Feature</td>
<td>In Progress</td>
<td>Normal</td>
<td>AMPI compliance with MPI-2.2 standard</td>
<td>Sam White</td>
<td>08/14/2018 11:07 AM</td>
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<td>1963</td>
<td>Feature</td>
<td>New</td>
<td>Normal</td>
<td>AMPI implements subcommunicators in an unscalable fashion</td>
<td>Sam White</td>
<td>08/09/2018 02:44 PM</td>
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<td>1428</td>
<td>Feature</td>
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<td>Normal</td>
<td>AMPI TLS privatization support for IBM POWER</td>
<td>Sam White</td>
<td>08/17/2018 09:32 AM</td>
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<td>1060</td>
<td>Feature</td>
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<td>Normal</td>
<td>AMPI compliance with MPI-3.1 standard</td>
<td>Evan Ramos</td>
<td>07/20/2018 04:29 PM</td>
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<td>1105</td>
<td>Feature</td>
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<td>Normal</td>
<td>AMPI support for large counts</td>
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<td>07/19/2018 09:32 AM</td>
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<td>947</td>
<td>Feature</td>
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<td>Normal</td>
<td>AMPI support for MPI-2's MPI_Type_* routines</td>
<td>Sam White</td>
<td>07/19/2018 09:31 AM</td>
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<td>1005</td>
<td>Bug</td>
<td>New</td>
<td>Low</td>
<td>Some Projections views broken for AMPI with user-registered functions</td>
<td>Ronak Buch</td>
<td>07/09/2018 11:24 PM</td>
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<td>259</td>
<td>Bug</td>
<td>In Progress</td>
<td>Normal</td>
<td>Bugs exposed by use of randomized Q</td>
<td>Sam White</td>
<td>07/07/2018 11:36 AM</td>
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<td>668</td>
<td>Bug</td>
<td>In Progress</td>
<td>Low</td>
<td>ampi/megampi test fails with randomized queues</td>
<td>Sam White</td>
<td>07/03/2018 03:33 PM</td>
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<td>1899</td>
<td>Bug</td>
<td>New</td>
<td>Low</td>
<td>AMPI jacobi.iso crashes in migration on gni-crayxe-persistent-smp autobuild</td>
<td>Sam White</td>
<td>07/03/2018 03:31 PM</td>
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<td>1859</td>
<td>Bug</td>
<td>New</td>
<td>Low</td>
<td>Megampi hangs on multicore-linux-x86_64 with +CmiSleepOnIdle</td>
<td>Sam White</td>
<td>07/03/2018 03:30 PM</td>
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<td>1182</td>
<td>Feature</td>
<td>New</td>
<td>High</td>
<td>Support automated thread spawn/bind for MPI SMP builds</td>
<td>Evan Ramos</td>
<td>06/21/2018 04:06 PM</td>
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<td>1179</td>
<td>Feature</td>
<td>New</td>
<td>Normal</td>
<td>Support automated launch/spawn/bind on gni-crayxc/gni-crayxe systems</td>
<td>Evan Ramos</td>
<td>06/21/2018 04:06 PM</td>
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<tr>
<td>1177</td>
<td>Feature</td>
<td>New</td>
<td>Normal</td>
<td>Support variable numbers of processes per host, each with identical thread counts</td>
<td>Evan Ramos</td>
<td>06/21/2018 04:06 PM</td>
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<td>1039</td>
<td>Feature</td>
<td>New</td>
<td>Low</td>
<td>reject pemap/commap with duplicate or too few cpus</td>
<td>Evan Ramos</td>
<td>06/21/2018 04:04 PM</td>
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<td>1173</td>
<td>Feature</td>
<td>In Progress</td>
<td>High</td>
<td>Automatic process launching, thread spawning, and hardware binding</td>
<td>Evan Ramos</td>
<td>06/21/2018 04:04 PM</td>
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<td>1844</td>
<td>Feature</td>
<td>New</td>
<td>Normal</td>
<td>SMP/non-SMP agnostic job launching arguments</td>
<td>Evan Ramos</td>
<td>06/21/2018 04:02 PM</td>
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<td>1729</td>
<td>Feature</td>
<td>New</td>
<td>Normal</td>
<td>Mark the entire RTS noexcept</td>
<td>Matthias Diener</td>
<td>06/20/2018 03:39 PM</td>
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<td>1931</td>
<td>Feature</td>
<td>In Progress</td>
<td>Normal</td>
<td>Direct API for pamilrts-linux-ppc64le</td>
<td>Nitin Bhat</td>
<td>06/11/2018 04:21 PM</td>
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<td>1707</td>
<td>Bug</td>
<td>New</td>
<td>Normal</td>
<td>Nocopy Entry method API ack handling crashes on pamilrts-bluegeneq-async-smp</td>
<td>Nitin Bhat</td>
<td>06/05/2018 05:02 PM</td>
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<td>112</td>
<td>Feature</td>
<td>New</td>
<td>Normal</td>
<td>object location services: Share array element location cache above PE level</td>
<td>Eric Bohm</td>
<td>05/24/2018 03:00 PM</td>
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<td>1435</td>
<td>Feature</td>
<td>New</td>
<td>Normal</td>
<td>Collapse prioritized msg buckets into priority queue</td>
<td>Raghavendra Kanakagiri</td>
<td>05/23/2018 01:53 PM</td>
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<td>1862</td>
<td>Feature</td>
<td>New</td>
<td>Normal</td>
<td>Simplify custom reducer registration</td>
<td>Raghavendra Kanakagiri</td>
<td>05/23/2018 01:50 PM</td>
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<td>1814</td>
<td>Feature</td>
<td>New</td>
<td>Normal</td>
<td>Add CkLoop Split Execution</td>
<td>Kavitha Chandrasekar</td>
<td>05/16/2018 08:37 AM</td>
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<td>1633</td>
<td>Bug</td>
<td>In Progress</td>
<td>Normal</td>
<td>NodeGroup Broadcasts creates many copies of the message for point to point sends</td>
<td>Nitin Bhat</td>
<td>05/15/2018 04:56 PM</td>
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<td>Feature</td>
<td>New</td>
<td>Normal</td>
<td>Use IP multicast for faster broadcast and multicast on netlrlts</td>
<td>Nitin Bhat</td>
<td>05/14/2018 06:30 PM</td>
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<td>895</td>
<td>Cleanup</td>
<td>New</td>
<td>Normal</td>
<td>Refactor charmrun interface code in RTS to deduplicate netlrlts/verbs</td>
<td>Evan Ramos</td>
<td>05/10/2018 05:14 PM</td>
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<td>1901</td>
<td>Bug</td>
<td>New</td>
<td>Normal</td>
<td>Enable viewing bracketed user events on a per-PE basis</td>
<td>Matthias Diener</td>
<td>05/09/2018 12:37 PM</td>
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<td>193</td>
<td>Feature</td>
<td>New</td>
<td>Normal</td>
<td>objid_t: Support new message type for CharmDebug</td>
<td>Eric Mikida</td>
<td>05/09/2018 11:17 AM</td>
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<td>106</td>
<td>Feature</td>
<td>New</td>
<td>Normal</td>
<td>Outgoing message prioritization</td>
<td>Nitin Bhat</td>
<td>05/09/2018 11:14 AM</td>
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<td>690</td>
<td>Feature</td>
<td>New</td>
<td>Normal</td>
<td>Broadcast to [sync] entry method should work as expected (e.g. act like passing CkCallbackResumeThread)</td>
<td>Eric Mikida</td>
<td>05/09/2018 11:13 AM</td>
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<td>698</td>
<td>Feature</td>
<td>New</td>
<td>Normal</td>
<td>trace messages forward through communication threads</td>
<td>Ronak Buch</td>
<td>05/09/2018 11:13 AM</td>
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<td>671</td>
<td>Feature</td>
<td>New</td>
<td>Normal</td>
<td>Return data from [sync] SDAG methods</td>
<td>Eric Mikida</td>
<td>05/09/2018 11:12 AM</td>
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<td>991</td>
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<td>Implemented</td>
<td>Normal</td>
<td>Sort Usage Profile Based on EP Time</td>
<td>Ronak Buch</td>
<td>05/09/2018 11:09 AM</td>
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<tr>
<td>996</td>
<td>Feature</td>
<td>Implemented</td>
<td>Normal</td>
<td>Color by user supplied parameter (e.g. timestep) in Time Profile</td>
<td>Ronak Buch</td>
<td>05/09/2018 11:09 AM</td>
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<tr>
<td>997</td>
<td>Feature</td>
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<td>Normal</td>
<td>Color by user supplied parameter (e.g. timestep) in Communication over Time</td>
<td>Ronak Buch</td>
<td>05/09/2018 11:09 AM</td>
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<td>1315</td>
<td>Cleanup</td>
<td>New</td>
<td>Normal</td>
<td>examples/charm++/jacobi’d are non-exemplary HPC code, using nested arrays</td>
<td>Juan Galvez</td>
<td>05/09/2018 11:07 AM</td>
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<td>1004</td>
<td>Feature</td>
<td>New</td>
<td>Normal</td>
<td>View showing messages grouped by size</td>
<td>Ronak Buch</td>
<td>05/09/2018 11:05 AM</td>
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<td>1144</td>
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<td>New</td>
<td>Normal</td>
<td>Batched message delivery to objects for better cache behavior</td>
<td>Ronak Buch</td>
<td>05/09/2018 10:57 AM</td>
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<td>1304</td>
<td>Feature</td>
<td>New</td>
<td>Normal</td>
<td>Charmrun: implement MPI-R debugging hooks</td>
<td>Matthias Diener</td>
<td>05/09/2018 10:54 AM</td>
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<td>1305</td>
<td>Feature</td>
<td>New</td>
<td>Normal</td>
<td>Implement MPI-R debugging hooks in RTS startup</td>
<td>Matthias Diener</td>
<td>05/09/2018 10:53 AM</td>
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<td>1582</td>
<td>Feature</td>
<td>New</td>
<td>Normal</td>
<td>DDT support for direct copy from a noncontiguous type to another noncontiguous type</td>
<td>Sam White</td>
<td>05/09/2018 10:51 AM</td>
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<td>1336</td>
<td>Feature</td>
<td>New</td>
<td>Normal</td>
<td>Replace [accel] entry methods with pure C++ instead of code generated by charmxi from .ci files</td>
<td>Jaemin Choi</td>
<td>05/09/2018 10:50 AM</td>
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<tr>
<td>1063</td>
<td>Bug</td>
<td>New</td>
<td>Normal</td>
<td>Error in buddy assignment code for checkpointing</td>
<td>Juan Galvez</td>
<td>05/09/2018 10:40 AM</td>
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<td>1736</td>
<td>Bug</td>
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<td>Normal</td>
<td>pami-linux-ppc64le-async-smp programs crash on Summitdev with an assertion failure</td>
<td>Nitin Bhat</td>
<td>05/09/2018 10:40 AM</td>
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<td>1737</td>
<td>Bug</td>
<td>New</td>
<td>Normal</td>
<td>tests/charm++/pingpong and examples/charm++/zerocopy/pingpong fail when run on 2 processes with an assertion failure on pamlrnts-linux-x86_64</td>
<td>Nitin Bhat</td>
<td>05/09/2018 10:39 AM</td>
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<td>1740</td>
<td>Bug</td>
<td>New</td>
<td>Normal</td>
<td>Failure at LrtsInit with OFI build with gni provider on Edison</td>
<td>Nitin Bhat</td>
<td>05/09/2018 10:39 AM</td>
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<td>1772</td>
<td>Bug</td>
<td>New</td>
<td>Normal</td>
<td>Programs built on pami-linux-ppc64le-async-smp fail a low level assertion at runtime.</td>
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<td>05/09/2018 10:37 AM</td>
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<td>1775</td>
<td>Bug</td>
<td>New</td>
<td>Normal</td>
<td>chkpt test hangs for pami-linux-ppc64le-smp &amp; pamlrnts-linux-pc64le-smp build</td>
<td>Nitin Bhat</td>
<td>05/09/2018 10:36 AM</td>
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<td>1837</td>
<td>Bug</td>
<td>New</td>
<td>Normal</td>
<td>uFcontext thread issue on ARM 64 bit systems</td>
<td>Seonmyeong Bak</td>
<td>05/09/2018 10:33 AM</td>
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<td>1838</td>
<td>Bug</td>
<td>New</td>
<td>Normal</td>
<td>Reevaluate LBCommTable initialization</td>
<td>Juan Galvez</td>
<td>05/09/2018 10:33 AM</td>
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<td>1878</td>
<td>Feature</td>
<td>New</td>
<td>Normal</td>
<td>Tracing/Projections support for visualizing the communication graph</td>
<td>Ronak Buch</td>
<td>05/09/2018 10:32 AM</td>
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<td>1184</td>
<td>Feature</td>
<td>Implemented</td>
<td>Normal</td>
<td>SMP-safe CmiReference and CmiFree</td>
<td>Evan Ramos</td>
<td>05/07/2018 04:38 PM</td>
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<td>535</td>
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<td>New</td>
<td>Low</td>
<td>Errors reported by ThreadSanitizer</td>
<td>PPL</td>
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<td>1364</td>
<td>Bug</td>
<td>New</td>
<td>Normal</td>
<td>Review use of volatile variables in the runtime</td>
<td>Nitin Bhat</td>
<td>05/02/2018 05:19 PM</td>
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<td>539</td>
<td>Cleanup</td>
<td>In Progress</td>
<td>Low</td>
<td>Data race in ConverseExit</td>
<td>Nitin Bhat</td>
<td>05/02/2018 05:17 PM</td>
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<tr>
<td>1860</td>
<td>Feature</td>
<td>New</td>
<td>Normal</td>
<td>Support HostBuffer shared memory allocation of one buffer per physical host at same address on all hosts</td>
<td>Nitin Bhat</td>
<td>05/02/2018 12:56 PM</td>
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<td>921</td>
<td>Feature</td>
<td>Implemented</td>
<td>Normal</td>
<td>Entry tag [inline] is unable to optimize away most of the overhead</td>
<td>Evan Ramos</td>
<td>05/02/2018 12:10 AM</td>
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<td>505</td>
<td>Feature</td>
<td>Implemented</td>
<td>Normal</td>
<td>show communication threads in usage profile</td>
<td>Ronak Buch</td>
<td>04/29/2018 05:59 PM</td>
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<td>475</td>
<td>Cleanup</td>
<td>New</td>
<td>Normal</td>
<td>Licensing of parallel random number generator from NCSA</td>
<td>Eric Bohm</td>
<td>04/29/2018 05:57 PM</td>
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<tr>
<td>1725</td>
<td>Support</td>
<td>In Progress</td>
<td>Normal</td>
<td>Improve pup_stl testing</td>
<td>Samarth Kulshreshtha</td>
<td>04/29/2018 11:22 AM</td>
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<td>1884</td>
<td>Feature</td>
<td>New</td>
<td>Normal</td>
<td>By default display the time range with traces only</td>
<td>Ronak Buch</td>
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<td>149</td>
<td>Support</td>
<td>New</td>
<td>Normal</td>
<td>Choose backend options for -optimize on icc</td>
<td>Eric Bohm</td>
<td>04/25/2018 12:48 AM</td>
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<td>1817</td>
<td>Feature</td>
<td>New</td>
<td>Normal</td>
<td>Enable building charm with link time optimization</td>
<td>Matthias Diener</td>
<td>04/25/2018 12:47 AM</td>
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<td>151</td>
<td>Support</td>
<td>New</td>
<td>Normal</td>
<td>Align -optimize flags with current release of GNU compilers</td>
<td>Michael Robson</td>
<td>04/25/2018 12:47 AM</td>
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<td>387</td>
<td>Feature</td>
<td>New</td>
<td>Low</td>
<td>Pack variable-envelope structures to reduce overhead bytes</td>
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<td>04/25/2018 12:33 AM</td>
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<td>1880</td>
<td>Bug</td>
<td>New</td>
<td>Normal</td>
<td>AMPI should reference count MPI_Op's</td>
<td>Sam White</td>
<td>04/23/2018 11:15 AM</td>
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<td>1763</td>
<td>Feature</td>
<td>In Progress</td>
<td>Normal</td>
<td>Generate libmpi.{a,so} for AMPI configure scripts</td>
<td>Sam White</td>
<td>04/21/2018 10:30 AM</td>
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<td>49</td>
<td>Feature</td>
<td>New</td>
<td>Normal</td>
<td>Define and document semantics of dynamic insertion in Chare arrays wrt broadcasts and reductions</td>
<td>Laxmikant &quot;Sanjay&quot; Kale</td>
<td>04/21/2018 10:10 AM</td>
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<td>1868</td>
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<td>Normal</td>
<td>Implement move semantics for object migration</td>
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<td>04/20/2018 02:31 PM</td>
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<td>1500</td>
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<td>Normal</td>
<td>Entry Methods Always Take lvalue References (feature/bug)</td>
<td>Eric Mikida</td>
<td>04/19/2018 02:32 PM</td>
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<tr>
<td>8</td>
<td>Feature</td>
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<td>Low</td>
<td>Ensure that various features work with partitions</td>
<td>Eric Mikida</td>
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<td>smp layer based on OpenMP 4.0 teams</td>
<td>Sam White</td>
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<td>650</td>
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<td>Normal</td>
<td>Consolidate duplicated Fortran compiler detection/configuration</td>
<td>Sam White</td>
<td>04/14/2018 04:12 PM</td>
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<td>1426</td>
<td>Feature</td>
<td>New</td>
<td>Normal</td>
<td>AMPI F08 bindings</td>
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<td>1427</td>
<td>Feature</td>
<td>New</td>
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<td>Virtualize handling of Fortran IO units</td>
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<td>1498</td>
<td>Bug</td>
<td>New</td>
<td>Normal</td>
<td>SDAG methods are not properly inherited by chare subclasses</td>
<td>Eric Mikida</td>
<td>04/13/2018 06:04 PM</td>
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<td>1829</td>
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<td>Normal</td>
<td>Enable low memory footprint migration with Isomalloc via RDMA</td>
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<td>04/13/2018 12:25 PM</td>
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<td>1525</td>
<td>Feature</td>
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<td>Normal</td>
<td>Bracketed User Events Track Numerical Values</td>
<td>Ronak Buch</td>
<td>04/13/2018 12:22 PM</td>
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<td>Time Profile With Bracketed User Events</td>
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<td>1686</td>
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<td>Use a namespace for Charm++ code</td>
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<td>1695</td>
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<td>Normal</td>
<td>Allow &quot;type aliases&quot; for explicit instantiations of member function templates</td>
<td>Eric Mikida</td>
<td>04/13/2018 12:21 PM</td>
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<td>1700</td>
<td>Bug</td>
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<td>Normal</td>
<td>Overloaded reduction targets result in compilation error</td>
<td>Eric Mikida</td>
<td>04/13/2018 12:21 PM</td>
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<td>1762</td>
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<td>New</td>
<td>Low</td>
<td>Resolve circular dependence in charm's linking of memory/thread libraries</td>
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<td>04/08/2018 07:57 PM</td>
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<td>1777</td>
<td>Documentation</td>
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<td>Normal</td>
<td>Document message types in Charm's message hander (_processHandler in ck.C)</td>
<td>Nitin Bhat</td>
<td>04/08/2018 07:56 PM</td>
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<td>1851</td>
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<td>Normal</td>
<td>Ensure PPCAtomicQueue has proper alignment/padding on ppc64le</td>
<td>Nitin Bhat</td>
<td>04/07/2018 01:02 PM</td>
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<td>858</td>
<td>Feature</td>
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<td>Normal</td>
<td>improve efficiency of exclusive entry methods</td>
<td>Kavitha Chandrasekar</td>
<td>03/29/2018 10:54 AM</td>
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<td>1343</td>
<td>Feature</td>
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<td>Normal</td>
<td>Let user-defined main() work for all execution environments</td>
<td>Eric Mikida</td>
<td>03/29/2018 10:53 AM</td>
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<td>980</td>
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<td>New</td>
<td>Normal</td>
<td>Cleanup examples/charm++/cuda/hello</td>
<td>Michael Robson</td>
<td>03/29/2018 10:52 AM</td>
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<td>1781</td>
<td>Documentation</td>
<td>New</td>
<td>Normal</td>
<td>Clean up incorrect quotation marks in the manuals</td>
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<td>CmiDestroyLocks destroys a lock that the thread (or another) is holding</td>
<td>PPL</td>
<td>03/27/2018 08:21 PM</td>
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<td>641</td>
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<td>Normal</td>
<td>protect load balancer from variable cpu clock</td>
<td>Kavitha Chandrasekar</td>
<td>03/27/2018 08:21 PM</td>
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<td>870</td>
<td>Feature</td>
<td>New</td>
<td>Normal</td>
<td>SDAG methods marked as [sync] should only return when run to completion</td>
<td>Eric Mikida</td>
<td>03/27/2018 08:21 PM</td>
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<td>1550</td>
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<td>Normal</td>
<td>Missing 'make test' for examples/charm++/state_space_searchengine/</td>
<td>Samarth Kulshreshtha</td>
<td>03/27/2018 08:20 PM</td>
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<td>1317</td>
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<td>Normal</td>
<td>Add Metabalancer tests to nightly build</td>
<td>Kavitha Chandrasekar</td>
<td>03/27/2018 08:19 PM</td>
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<td>1711</td>
<td>Bug</td>
<td>In Progress</td>
<td>Normal</td>
<td>syncft tests: unclear failure</td>
<td>Juan Galvez</td>
<td>03/27/2018 06:07 PM</td>
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<td>1710</td>
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<td>New</td>
<td>Normal</td>
<td>syncft tests: warning and crash on init_checkpt</td>
<td>Juan Galvez</td>
<td>03/27/2018 06:07 PM</td>
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<td>1836</td>
<td>Cleanup</td>
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<td>Low</td>
<td>Cleanup warnings in charmdebug-python</td>
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<td>03/26/2018 07:57 PM</td>
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<td>Feature</td>
<td>In Progress</td>
<td>Normal</td>
<td>64-bit Charm message sizes</td>
<td>Evan Ramos</td>
<td>03/26/2018 05:35 PM</td>
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<td>Bug</td>
<td>New</td>
<td>Normal</td>
<td>CUDA build does not correctly find cuda location</td>
<td>Michael Robson</td>
<td>03/20/2018 02:36 PM</td>
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<td>New</td>
<td>Normal</td>
<td>Cleanup SDAG Closure refnum handling with enable_if</td>
<td>Eric Mikida</td>
<td>03/17/2018 04:42 PM</td>
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<td>802</td>
<td>Bug</td>
<td>In Progress</td>
<td>Normal</td>
<td>CUDA examples broken on Blue Waters</td>
<td>Michael Robson</td>
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<td>815</td>
<td>Bug</td>
<td>In Progress</td>
<td>Normal</td>
<td>Makefile for hybrid API is not using the system OPTS</td>
<td>Michael Robson</td>
<td>03/15/2018 03:31 PM</td>
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<td>1239</td>
<td>Bug</td>
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<td>Normal</td>
<td>Cleanup reduction uses in the runtime</td>
<td>Karthik Senthil</td>
<td>03/15/2018 02:49 PM</td>
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<td>1000</td>
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<td>New</td>
<td>Normal</td>
<td>+setcpuaffinity places replicas on same host on same cores</td>
<td>Karthik Senthil</td>
<td>03/14/2018 02:19 PM</td>
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<td>1337</td>
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<td>New</td>
<td>Low</td>
<td>Cpv Declarations of types with constructors may induce 'static initialization order fiasco'</td>
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<td>03/14/2018 12:16 PM</td>
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<td>180</td>
<td>Feature</td>
<td>In Progress</td>
<td>Normal</td>
<td>object location services: improve implementation and protocol</td>
<td>Eric Bohm</td>
<td>03/14/2018 12:12 PM</td>
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<td>1787</td>
<td>Documentation</td>
<td>New</td>
<td>Normal</td>
<td>AMPI+OpenMP documentation &amp; example</td>
<td>Sam White</td>
<td>03/14/2018 12:11 PM</td>
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<td>1826</td>
<td>Documentation</td>
<td>New</td>
<td>Normal</td>
<td>Add +showcpuaffinity option to the charm++ manual</td>
<td>Nilin Bhat</td>
<td>03/09/2018 04:02 PM</td>
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<td>1796</td>
<td>Bug</td>
<td>New</td>
<td>Normal</td>
<td>Support for partitions on netlrits-linux-x86_64-tcp builds</td>
<td>Karthik Senthil</td>
<td>03/05/2018 11:50 PM</td>
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<td>1818</td>
<td>Feature</td>
<td>New</td>
<td>Normal</td>
<td>Make AMPI's within-process messaging visible to Projections</td>
<td>Sam White</td>
<td>03/05/2018 09:16 AM</td>
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<td>1773</td>
<td>Bug</td>
<td>New</td>
<td>Normal</td>
<td>Zerocopy examples fail on pami-linux-ppc64le-smp due to a low level assertion failure</td>
<td>Nilin Bhat</td>
<td>02/21/2018 02:03 PM</td>
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<td>1263</td>
<td>Bug</td>
<td>New</td>
<td>Normal</td>
<td>AVX512 Support</td>
<td>Ronak Buch</td>
<td>02/16/2018 12:09 AM</td>
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<td>1037</td>
<td>Bug</td>
<td>In Progress</td>
<td>Normal</td>
<td>megacon link failure</td>
<td>Ronak Buch</td>
<td>02/16/2018 12:03 AM</td>
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<td>978</td>
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<td>Normal</td>
<td>Compare the performance of Harshit's accel patch to GPU manager</td>
<td>Michael Robson</td>
<td>02/16/2018 12:00 AM</td>
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<td>265</td>
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<td>New</td>
<td>Low</td>
<td>Bigsim emulator: Non-ci-file readonlyly variables cause a crash at startup</td>
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<td>02/15/2018 11:54 PM</td>
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<td>92</td>
<td>Feature</td>
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<td>Normal</td>
<td>Topology information for Cray XC</td>
<td>Juan Galvez</td>
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<td>89</td>
<td>Bug</td>
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<td>BigSim loadlog test assumes that compute-node binaries can run on the host</td>
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<td>221</td>
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<td>Delete deprecated FEM library</td>
<td>Matthias Diener</td>
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<td>1634</td>
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<td>HDF5 issues in AMPI</td>
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<td>560</td>
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<td>Avoid duplicated work between CmiNodeOf and CmiRankOf</td>
<td>Nitin Bhat</td>
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<td>796</td>
<td>Bug</td>
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<td>TAU crashes on simple Charm++ program</td>
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<td>1497</td>
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<td>CMA support for passing data between processes on the same node</td>
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<td>02/07/2018 02:51 PM</td>
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<td>Remove cc-cray 128 bit defines</td>
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<td>1227</td>
<td>Bug</td>
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<td>Normal</td>
<td>Support template entry methods in generated code from TRAM [aggregate] entry method attribute</td>
<td>Eric Mikida</td>
<td>01/30/2018 10:48 PM</td>
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<td>995</td>
<td>Feature</td>
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<td>Normal</td>
<td>Color by user supplied parameter (e.g. timestep) in non-timeline tools</td>
<td>Ronak Buch</td>
<td>01/24/2018 03:15 PM</td>
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<td>Normal</td>
<td>Spanning Tree implementation for scaterv</td>
<td>Juan Galvez</td>
<td>01/19/2018 02:29 PM</td>
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<td>1387</td>
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<td>Optimised algorithms for scaterv</td>
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<td>Implement MPI-R debugging hooks to support Allinea DDT and Rogue Wave Totalview</td>
<td>Evan Ramos</td>
<td>01/18/2018 04:45 PM</td>
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<td>1586</td>
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<td>OpenMP integration support for external library written in and compiled by OpenMP on Charm++</td>
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<td>Standalone OpenMP implementation based on Converse User-level threads</td>
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<td>Converting OpenMP test suite for the OpenMP integration.</td>
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<td>objid_t:: Support user-defined conversion functions</td>
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<td>172</td>
<td>Feature</td>
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<td>objid_t:: Exploit compile-time declared size bounds</td>
<td>Eric Bohm</td>
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<td>279</td>
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<td>Normal</td>
<td>Windows: Display abort message in failure pop-up</td>
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<td>12/29/2017 12:21 PM</td>
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<td>111</td>
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<td>In Progress</td>
<td>Low</td>
<td>object location services: scalable cache pre-population</td>
<td>Jaemin Choi</td>
<td>12/29/2017 12:19 PM</td>
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<td>Factor out massive duplication in reductions</td>
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<td>Align -optimize flags with current compiler releases</td>
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<td>480</td>
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<td>Low</td>
<td>Calling 'migrateMe' in SDAG serial block accesses members of deallocated chare</td>
<td>Eric Bohm</td>
<td>12/29/2017 11:58 AM</td>
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<td>474</td>
<td>Cleanup</td>
<td>New</td>
<td>Normal</td>
<td>Licensing of TreeMatchLB and supporting code</td>
<td>Eric Bohm</td>
<td>12/29/2017 11:53 AM</td>
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<td>473</td>
<td>Cleanup</td>
<td>New</td>
<td>Normal</td>
<td>Licensing of library code in Data Transfer library</td>
<td>Eric Bohm</td>
<td>12/29/2017 11:52 AM</td>
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<td>896</td>
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<td>New</td>
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<td>AMPI support for compiler-automated static variable privatization</td>
<td>Sam White</td>
<td>12/29/2017 11:52 AM</td>
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<td>283</td>
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<td>Normal</td>
<td>TLS-based AMPI variable privatization source-to-source translation tool</td>
<td>Sam White</td>
<td>12/29/2017 11:52 AM</td>
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<td>1256</td>
<td>Documentation</td>
<td>New</td>
<td>Normal</td>
<td>Document `-tracemode perfReport' in the manual</td>
<td>Ronak Buch</td>
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<td>mpi-coexist example hardcodes C++ compiler flags</td>
<td>Sam White</td>
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<td>105</td>
<td>Feature</td>
<td>In Progress</td>
<td>Normal</td>
<td>Unify memory pool implementations where possible</td>
<td>Michael Robson</td>
<td>12/13/2017 03:02 PM</td>
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<tr>
<td>1628</td>
<td>Bug</td>
<td>New</td>
<td>Normal</td>
<td>Error while compiling LogAnalyzer tool in BigNetSim</td>
<td>Eric Mikida</td>
<td>12/13/2017 12:30 PM</td>
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<td>1759</td>
<td>Bug</td>
<td>New</td>
<td>Normal</td>
<td>cmiArgDebugFlag Used Before Initialization</td>
<td>Nitin Bhat</td>
<td>12/05/2017 06:29 PM</td>
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<td>9</td>
<td>Bug</td>
<td>New</td>
<td>Low</td>
<td>Calling 'migrateMe' in SDAG serial block accesses members of deallocated chare</td>
<td>Eric Bohm</td>
<td>12/29/2017 11:58 AM</td>
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<td>Document `-tracemode perfReport' in the manual</td>
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<td>Unify memory pool implementations where possible</td>
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<td>885</td>
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<td>New</td>
<td>Low</td>
<td>extend physical node detection across partitions</td>
<td>Michael Robson</td>
<td>11/29/2017 02:58 PM</td>
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<td>34</td>
<td>Feature</td>
<td>New</td>
<td>High</td>
<td>Reduce Charm Message Send Overhead for Marshalled Messages</td>
<td>Eric Bohm</td>
<td>11/29/2017 02:51 PM</td>
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<td>697</td>
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<td>Normal</td>
<td>communication thread should send messages in priority order</td>
<td>Nitin Bhat</td>
<td>11/29/2017 12:46 PM</td>
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<td>1738</td>
<td>Bug</td>
<td>New</td>
<td>Normal</td>
<td>Failure at LrtsInit with OFI build with verbs provider on Golub</td>
<td>Jaemin Choi</td>
<td>11/09/2017 11:41 AM</td>
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<td>1117</td>
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<td>Normal</td>
<td>Shrink-expand malleable jobs should be able to change node set</td>
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<td>11/01/2017 02:47 PM</td>
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<td>Unify Data Collection in Charm++</td>
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<td>1321</td>
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<td>multiple communication threads per process</td>
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<td>250</td>
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<td>Normal</td>
<td>Uniquely tag each chare array broadcast to enable true unique delivery</td>
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<td>571</td>
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<td>pxshm shared queue lockless implementation is invalid</td>
<td>Eric Bohm</td>
<td>10/31/2017 09:00 AM</td>
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<td>1313</td>
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<td>Support MPI_INFO's on a per-(comm,win) basis</td>
<td>Karthik Senthil</td>
<td>10/31/2017 06:52 AM</td>
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<td>1612</td>
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<td>Support for using rdma to return data from a [sync] entry method</td>
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<td>10/31/2017 08:42 AM</td>
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<td>1622</td>
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<td>Optimize AMPI RMA routines for shared memory</td>
<td>Sam White</td>
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<td>1346</td>
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<td>Remove AMPI's MSGLOG support for sequential re-run of parallel execution</td>
<td>Sam White</td>
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<td>AMPI support for MPI_THREAD_SERIALIZED</td>
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<td>1095</td>
<td>Feature</td>
<td>In Progress</td>
<td>Low</td>
<td>Improve AMPI error handling</td>
<td>Sam White</td>
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<td>1158</td>
<td>Feature</td>
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<td>AMPI scatter(v) performance is poor</td>
<td>Sam White</td>
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<td>AMPI migration detection mechanisms</td>
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<td>AMPI support for MPI-3 RMA</td>
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<td>AMPI interface for mapping ranks to worker threads</td>
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<td>Avoid warning in sockRoutines</td>
<td>PPL</td>
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<td>Remove the need to declare entry method parameters as &quot;rdma&quot;</td>
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<td>1394</td>
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<td>Normal</td>
<td>Node-level message aggregation for CkMulticast</td>
<td>Juan Galvez</td>
<td>10/30/2017 09:44 AM</td>
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<td>1677</td>
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<td>improved topology-aware partitioner</td>
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<td>Normal</td>
<td>Create a more efficient caching structure for location lookup</td>
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<td>Normal</td>
<td>Within-node PUP API</td>
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<td>10/18/2017 02:39 PM</td>
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<td>969</td>
<td>Feature</td>
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<td>Normal</td>
<td>AMPI support for collectives on inter-communicators</td>
<td>Karthik Senthil</td>
<td>10/11/2017 03:28 PM</td>
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<td>235</td>
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<td>New</td>
<td>Low</td>
<td>CkCallback to array sections is very non-migratable</td>
<td>Juan Galvez</td>
<td>10/11/2017 03:27 PM</td>
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<td>246</td>
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<td>Low</td>
<td>Clean deallocation and shutdown of Charm++ processes</td>
<td>Juan Galvez</td>
<td>10/11/2017 03:26 PM</td>
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<td>388</td>
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<td>Low</td>
<td>Message logging fails to deliver chare messages through VidBlock</td>
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<td>10/11/2017 03:25 PM</td>
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<td>In Progress</td>
<td>Normal</td>
<td>AMPI derived datatype support for RMA routines</td>
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<td>Low</td>
<td>Bigsim crash in SDAG code in examples/charm++/load_balancing/stencil3d</td>
<td>Eric Mikida</td>
<td>10/11/2017 03:24 PM</td>
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<td>551</td>
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<td>Normal</td>
<td>CkIO processor placement options are ignored</td>
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<td>194</td>
<td>Bug</td>
<td>Upstream</td>
<td>Normal</td>
<td>Cray XE/XT topology functions should use rca_get_meshtopology() to honestly report mesh/torus</td>
<td>Juan Galvez</td>
<td>10/11/2017 03:24 PM</td>
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<td>1306</td>
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<td>New</td>
<td>Normal</td>
<td>PythonCCS-client needs to be compiled without CONVERSE</td>
<td>Juan Galvez</td>
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<td>176</td>
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<td>Normal</td>
<td>objid_t: tracing infrastructure should use objid_t</td>
<td>Ronak Buch</td>
<td>10/11/2017 03:23 PM</td>
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<td>1279</td>
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<td>Normal</td>
<td>Proactive fault tolerance fails due to sending message to dead node.</td>
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<td>Low</td>
<td>Cleanup and Activate the Charm++ Topology Examples</td>
<td>Juan Galvez</td>
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<td>1477</td>
<td>Bug</td>
<td>New</td>
<td>Normal</td>
<td>All Load Balancing Strategies should be CPU frequency (rate) aware</td>
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<td>10/11/2017 03:21 PM</td>
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<td>1636</td>
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<td>Update the machine layer template configuration in src/arch/template</td>
<td>Nitin Bhat</td>
<td>10/11/2017 03:21 PM</td>
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<td>665</td>
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<td>Normal</td>
<td>charm++/delegation/multicast test fails with randomized queues due to a bug in support for anytime migration</td>
<td>Juan Galvez</td>
<td>10/11/2017 03:20 PM</td>
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<td>1202</td>
<td>Bug</td>
<td>New</td>
<td>Low</td>
<td>Memory leaks in converse's cldb</td>
<td>Juan Galvez</td>
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<td>Automatically determine location of nvcc when compiling programs using charm in accel</td>
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<td>Valgrind shows invalid writes at GNI_MsgSendWTag calls for charm programs built on gni-craxyc</td>
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<td>Autobuild should run tests on SMP builds with multiple threads per process</td>
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<td>Enter button will automatically trigger OK button in the pop-up window</td>
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<td>cmulticast and any time migration</td>
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<td>charm++/communication_overhead test fails with randomized queues</td>
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<td>Extend TopoManager to work on an n-dimensional torus</td>
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<td>Cannot create variable sized messages with objects that have virtual methods</td>
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<td>Add Support for CrayPat</td>
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<td>Ronak Buch</td>
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<td>multicore +commthread forces +CmiSleepOnIdle, may crash on exit</td>
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<td>charm++/queue test fails with randomized queues</td>
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