

Corosync Roadmap

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October 2010

Roadmap



- A – Flatiron 1.y.z
- B – Weaver's Needle 2.y.z
- C – Camelback 3.y.z

Flatiron (1.y.z)

- What we have upstream
- Major Features
 - High performance over RDMA and Ethernet networks
 - CPG, SAM, CONFDB, and QUORUM APIs representing a minimum set of C APIs required to implement a HA-Aware Application
 - High performance flight recorder for user diagnostics
 - Statistics framework for user diagnostics
- Planned for future Flatiron versions
 - UDP p2p multicast-free transport over Ethernet networks

Weaver's Needle (2.y.z)

- Upstream Integration point for settling obvious improvements
- Major Features
 - Performance improvements over Flatiron
 - Partial integration with libqb for operation in a single-threaded environment
 - Full integration of CTS test suites into release
 - Hardening of Redundant Ring technology including automatic recovery of a failed ring
 - Process monitoring for CPG application recovery via SAM using runtime configurable policies
 - Introduction of SNMP support

Camelback (3.y.z)

- New major upstream release
- Major Features
 - Full integration with libqb
 - Introduce cpg sync functionality to eliminate saCkpt requirements
 - Full removal of external service engine plug-in support
 - Fill missing gaps from elimination of cman service engine
 - Investigate using RDMA ibverbs UD mode for enhanced reliability and performance on RDMA networks (eliminating rdmacm dependency)

Roadmap Topics

Flatiron 1.3.0

Topic-udpu

Weaver's Needle 2.0

topic-libqb
topic-rr
topic-snmp
topic-onecrypt
topic-netmalloc
topic-iazc

Plus merged topics
CTS integration
SAM monitoring

Camelback 3.0

topic-libqb-full
topic-cpgsync
topic-seremoval
topic-cmanremoval
topic-rdmaud
topic-doxygen