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Extending an asynchronous messaging library using an RDMA-enabled interconnect. [1]

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As computing power and I/O performance is increasing at an aggressive rate several RDMA enabled interconnect technologies have been entering the market, promising low latency and high throughput. RDMA concepts are based on the support for zero-copy operations and CPU-o?oading by supporting writes directly to remote memory areas. However, the majority of distributed, network intensive, applications today are designed around socket interfaces, which are inherently incompatible with the RDMA approach.
Technical document file:
thesis.pdf [2]

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