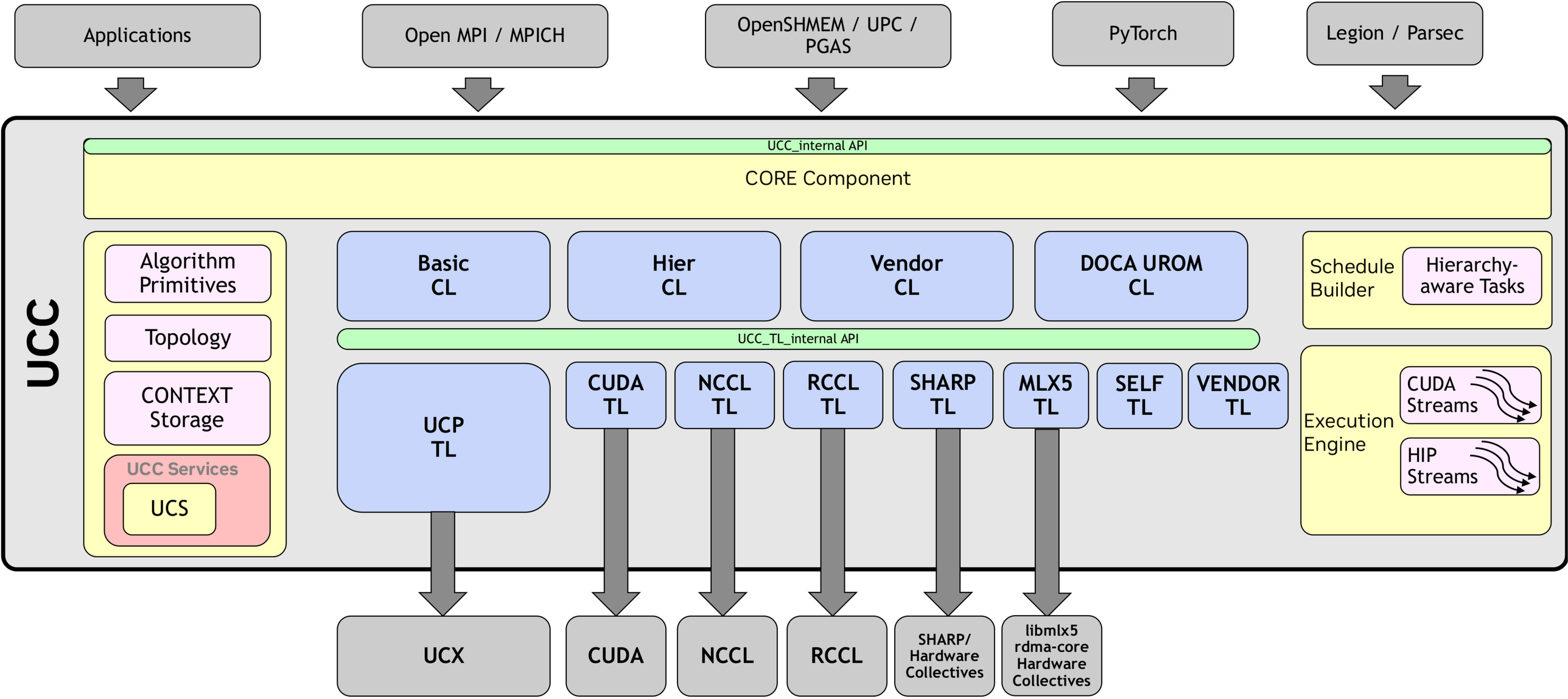
Applications
Open MPI / MPICH
OpenSHMEM / UPC / PGAS
PyTorch
Legion / Parsec
UCC
UCC_internal API
CORE Component
Algorithm Primitives
Topology
CONTEXT Storage
UCC Services
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Basic CL
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Schedule Builder
Hierarchy-aware Tasks
UCC_TL_internal API
UCP TL
CUDA TL
NCCL TL
RCCL TL
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Execution Engine
CUDA Streams
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UCX
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RCCL
SHARP/ Hardware Collectives
libmlx5 rdma-core Hardware Collectives