Host code	Task types	Example host code	Task graph based on example host code
CL block	HostLocal	^b0: send_cmsg(m)	HostLocal(b0)
CC block	HostEvent	<pre>^b1: m = recv_cmsg()</pre>	HostEvent(b1)
QL block	PreCall LocalRoutine PostCall	<pre>^b2: m = run_subroutine(x) : subrt1</pre>	PreCall(b2, subrt1) LocalRoutine(subrt1) PostCall(b2, subrt1)
QL block with a join	Multiple times: PreCall LocalRoutine PostCall	<pre>^b3: submit_subroutine() : subrt2 submit_subroutine() : subrt3 join_routine(subrt2, subrt3)</pre>	PreCall(b3, subrt2) LocalRoutine(subrt2) PostCall(b3, subrt3) LocalRoutine(subrt3) PostCall(b3, subrt3)
QC block without callback	PreCall MultiPair PostCall	<pre>^b4: run_request() : req1 REQUEST req1: callback:</pre>	PreCall(b4, req1) MultiPair(req1) PostCall(b4, req1)
QC block with callback	PreCall MultiPair MPCallback PostCall	<pre>^b5: run_request() : req2 REQUEST req2: callback: subrt2 callback_type: sequential num_pairs: 2</pre>	PreCall(b5, req2) SinglePair(req2) SPCallback(req2, subrt2) SinglePair(req2) SinglePair(req2) SPCallback(req2, subrt2)