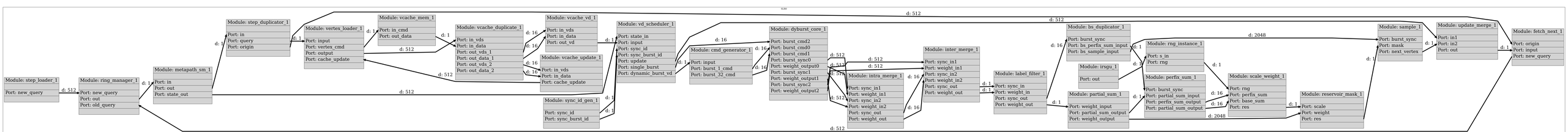
Module: step_loader_1
Port: new_query
d: 512
Module: ring_manager_1
Port: new_query
Port: out
Port: old_query
d: 1
Module: metapath_sm_1
Port: in
Port: out
Port: state_out
d: 1
Module: step_duplicator_1
Port: in
Port: query
Port: origin
d: 1
Module: vertex_loader_1
Port: input
Port: vertex_cmd
Port: output
Port: cache_update
d: 1
Module: vcache_mem_1
Port: in_cmd
Port: out_data
d: 1
Module: vcache_duplicate_1
Port: in_vds
Port: in_data
Port: out_vds_1
Port: out_data_1
Port: out_vds_2
Port: out_data_2
d: 16
d: 16
d: 16
d: 16
Module: vcache_vd_1
Port: in_vds
Port: in_data
Port: out_vd
Module: vcache_update_1
Port: in_vds
Port: in_data
Port: cache_update
d: 512
d: 512
Module: sync_id_gen_1
Port: sync_id
Port: sync_burst_id
d: 1
d: 1
Module: vd_scheduler_1
Port: state_in
Port: input
Port: sync_id
Port: sync_burst_id
Port: update
Port: single_burst
Port: dynamic_burst_vd
d: 1
d: 16
Module: cmd_generator_1
Port: input
Port: burst_1_cmd
Port: burst_32_cmd
d: 16
d: 16
Module: dyburst_core_1
Port: burst_cmd2
Port: burst_cmd0
Port: burst_cmd1
Port: burst_sync0
Port: weight_output0
Port: burst_sync1
Port: weight_output1
Port: burst_sync2
Port: weight_output2
d: 512
d: 512
d: 512
d: 512
Module: intra_mega_1
Port: sync_in1
Port: weight_in1
Port: sync_in2
Port: weight_in2
Port: sync_out
Port: weight_out
d: 16
d: 16
Module: inter_merge_1
Port: sync_in1
Port: weight_in1
Port: sync_in2
Port: weight_in2
Port: sync_out
Port: weight_out
d: 1
d: 1
Module: label_filter_1
Port: sync_in
Port: weight_in
Port: sync_out
Port: weight_out
d: 1
d: 16
Module: bs_duplicator_1
Port: burst_sync
Port: bs_prefix_sum_input
Port: bs_sample_input
d: 1
Module: irsgu_1
Port: out
d: 1
Module: partial_sum_1
Port: weight_input
Port: partial_sum_output
Port: weight_output
d: 1
Module: rng_instance_1
Port: s_in
Port: rng
d: 1
Module: perfix_sum_1
Port: burst_sync
Port: partial_sum_input
Port: prefix_sum_output
Port: partial_sum_output
d: 16
d: 16
d: 2048
d: 2048
Module: scale_weight_1
Port: rng
Port: prefix_sum
Port: base_sum
Port: res
d: 1
Module: reservoir_mask_1
Port: scale
Port: weight
Port: res
d: 1
Module: sample_1
Port: burst_sync
Port: mask
Port: next_vertex
d: 1
Module: update_merge_1
Port: in1
Port: in2
Port: out
d: 1
Module: fetch_next_1
Port: origin
Port: input
Port: new_query
d: 512
d: 512
d: 512