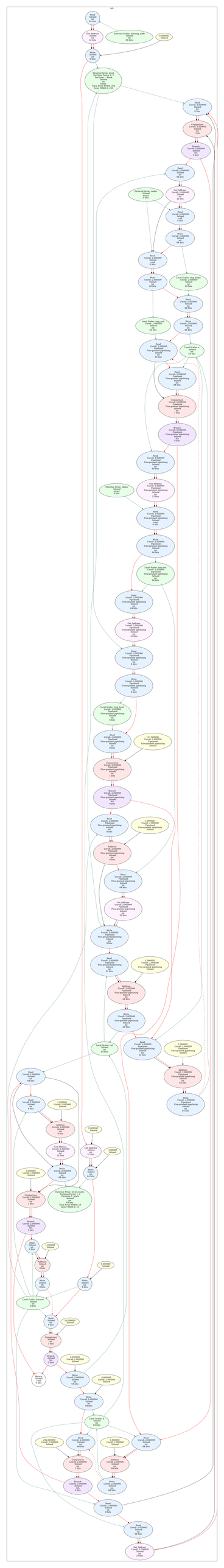
bb
Read
Unroll 1:1000000
int
64 bits
Get Address
Indexed
Unroll 1:1000000
32 bits
External Array: sorting_nodes
Indexed
Unroll 1:1000000
64 bits
0.000000
Unroll 1:1000000
Write
Unroll 1:1000000
int
64 bits
External Array: local
Partition Factor 0.5
Partition 1: block
Cyclic
Dim: 1
Total Array Width: 256
Array Width 0: 256
Read
Unroll 1:1000000
Pipelined
Fine-grained pipelining
Indexed
8 bits
Comparison
Unroll 1:1000000
Indexed
1 bits
Branch
Unroll 1:1000000
Pipelined
Fine-grained pipelining
Indexed
0 bits
Read
Unroll 1:1000000
Pipelined
Fine-grained pipelining
Indexed
64 bits
Get Address
Unroll 1:1000000
Indexed
32 bits
External Array: nodes
Indexed
0 bits
Read
Unroll 1:1000000
Pipelined
Fine-grained pipelining
Indexed
32 bits
Write
Unroll 1:1000000
int
64 bits
Read
Unroll 1:1000000
Indexed
64 bits
Write
Unroll 1:1000000
Indexed
64 bits
Local Scalar: tmp_index
Indexed
64 bits
Read
Unroll 1:1000000
Indexed
64 bits
Local Scalar: tmp_left
Indexed
64 bits
Write
Unroll 1:1000000
Indexed
64 bits
Read
Unroll 1:1000000
Pipelined
Fine-grained pipelining
Indexed
64 bits
Local Scalar: n
int
64 bits
Read
Unroll 1:1000000
Pipelined
Fine-grained pipelining
Indexed
64 bits
Comparison
Unroll 1:1000000
Pipelined
Fine-grained pipelining
Indexed
1 bits
Branch
Unroll 1:1000000
Pipelined
Fine-grained pipelining
Indexed
0 bits
Read
Unroll 1:1000000
Pipelined
Fine-grained pipelining
Indexed
64 bits
External Array: edges
Indexed
0 bits
Get Address
Unroll 1:1000000
Pipelined
Fine-grained pipelining
Indexed
32 bits
Read
Unroll 1:1000000
Pipelined
Fine-grained pipelining
Indexed
4 bits
Write
Unroll 1:1000000
Pipelined
Fine-grained pipelining
Indexed
64 bits
Local Scalar: tmp_dst
Unroll 1:1000000
Pipelined
Fine-grained pipelining
Indexed
64 bits
Read
Unroll 1:1000000
Pipelined
Fine-grained pipelining
Indexed
64 bits
Get Address
Unroll 1:1000000
Pipelined
Fine-grained pipelining
Indexed
32 bits
Read
Unroll 1:1000000
Pipelined
Fine-grained pipelining
Indexed
4 bits
Write
Unroll 1:1000000
Pipelined
Fine-grained pipelining
Indexed
4 bits
Local Scalar: tmp_dst
Unroll 1:1000000
Pipelined
Fine-grained pipelining
int
64 bits
Read
Unroll 1:1000000
Pipelined
Fine-grained pipelining
Indexed
64 bits
LUI:999999
Unroll 1:1000000
Pipelined
Fine-grained pipelining
Indexed
Comparison
Unroll 1:1000000
Pipelined
Fine-grained pipelining
Indexed
1 bits
Branch
Unroll 1:1000000
Pipelined
Fine-grained pipelining
Indexed
0 bits
Read
Unroll 1:1000000
Pipelined
Fine-grained pipelining
Indexed
4 bits
1.000000
Unroll 1:1000000
Pipelined
Fine-grained pipelining
Indexed
Addition
Unroll 1:1000000
Pipelined
Fine-grained pipelining
Indexed
64 bits
Read
Unroll 1:1000000
Pipelined
Fine-grained pipelining
Indexed
64 bits
Get Address
Unroll 1:1000000
Pipelined
Fine-grained pipelining
Indexed
32 bits
Read
Unroll 1:1000000
Pipelined
Fine-grained pipelining
Indexed
64 bits
Write
Unroll 1:1000000
Pipelined
Fine-grained pipelining
Indexed
64 bits
Read
Unroll 1:1000000
Pipelined
Fine-grained pipelining
Indexed
64 bits
1.000000
Unroll 1:1000000
Pipelined
Fine-grained pipelining
Indexed
Addition
Unroll 1:1000000
Pipelined
Fine-grained pipelining
Indexed
64 bits
Write
Unroll 1:1000000
Pipelined
Fine-grained pipelining
Indexed
64 bits
Local Scalar: tmp_dst
Unroll 1:1000000
Pipelined
Fine-grained pipelining
int
64 bits
Read
Unroll 1:1000000
Pipelined
Fine-grained pipelining
Indexed
64 bits
1.000000
Unroll 1:1000000
Pipelined
Fine-grained pipelining
Indexed
Addition
Unroll 1:1000000
Pipelined
Fine-grained pipelining
Indexed
64 bits
Write
Unroll 1:1000000
Pipelined
Fine-grained pipelining
Indexed
64 bits
Read
Unroll 1:1000000
Pipelined
Fine-grained pipelining
Indexed
64 bits
Read
Unroll 1:1000000
Pipelined
Fine-grained pipelining
Indexed
8 bits
1.000000
Unroll 1:1000000
Pipelined
Fine-grained pipelining
Indexed
Addition
Unroll 1:1000000
Pipelined
Fine-grained pipelining
Indexed
8 bits
Write
Unroll 1:1000000
Pipelined
Fine-grained pipelining
Indexed
8 bits
0.000000
Unroll 1:1000000
Indexed
Get Address
Unroll 1:1000000
Indexed
32 bits
1.000000
Unroll 1:1000000
Indexed
Write
Unroll 1:1000000
int
64 bits
4.000000
Unroll 1:1000000
Indexed
Write
Unroll 1:1000000
Indexed
64 bits
Comparison
Unroll 1:1000000
Indexed
1 bits
External Array: local_counts
Partition Factor 0.5
Partition 1: block
Cyclic
Dim: 1
Total Array Width: 16
Array Width 0: 16
Branch
Unroll 1:1000000
Indexed
0 bits
Read
Unroll 1:1000000
Indexed
8 bits
1.000000
Unroll 1:1000000
Indexed
Addition
Unroll 1:1000000
Indexed
8 bits
Write
Unroll 1:1000000
Indexed
8 bits
9.000000
Unroll 1:1000000
Indexed
Write
Unroll 1:1000000
Indexed
64 bits
Local Scalar: Array
Indexed
8 bits
Read
Unroll 1:1000000
Indexed
8 bits
15.000000
Unroll 1:1000000
Indexed
Comparison
Unroll 1:1000000
Indexed
1 bits
Branch
Unroll 1:1000000
Indexed
0 bits
4.000000
Unroll 1:1000000
Indexed
Jump
Unroll 1:1000000
Indexed
0 bits
Write
Unroll 1:1000000
Indexed
64 bits
0.000000
Unroll 1:1000000
Indexed
Write
Unroll 1:1000000
int
64 bits
Local Scalar: n
int
64 bits
256.000000
Unroll 1:1000000
Indexed
Read
Unroll 1:1000000
Indexed
64 bits
1.000000
Unroll 1:1000000
Indexed
Read
Unroll 1:1000000
Indexed
64 bits
Comparison
Unroll 1:1000000
Indexed
1 bits
Addition
Unroll 1:1000000
Indexed
64 bits
Branch
Unroll 1:1000000
Indexed
0 bits
Write
Unroll 1:1000000
Indexed
64 bits
Read
Unroll 1:1000000
Indexed
8 bits
Read
Unroll 1:1000000
int
64 bits
Get Address
Unroll 1:1000000
Indexed
32 bits