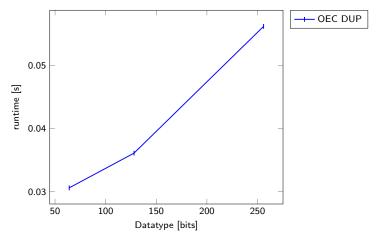
Sevarebench Measurement Results

MP-Slice Scalable Search

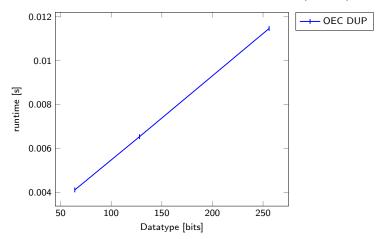
Various Measurements

January 29, 2023

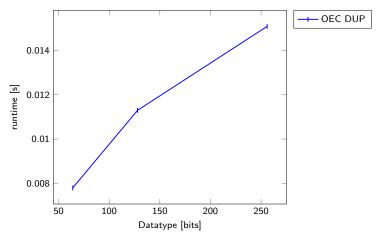


- Ref.Problem: Scalable Search
- Library: MP-Slice Fixed Input: 8192 -d d64 (uint64)
- Metric: Datatype runtime
- Switches: Preprocessing: 0, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1
- Specs: 7543(2.8GHz) 512GiB 25Gbits



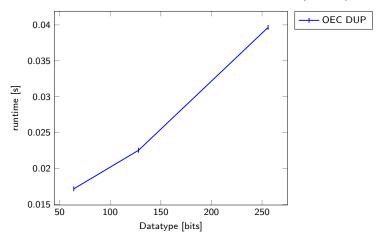


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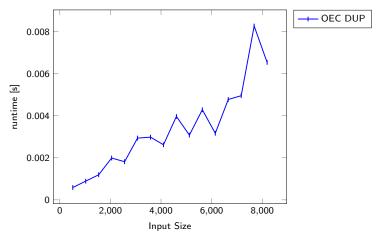




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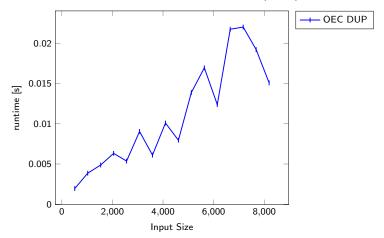


MP-Slice Runtimes Input Size Datatype -d d128 (SSE)



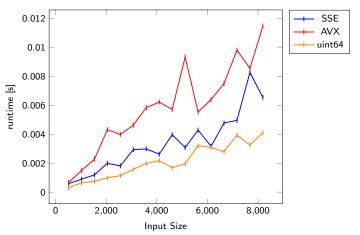
- Ref.Problem: Scalable Search
- Library: MP-Slice Datatype -d d128 (SSE)
- Metric: Input Size runtime
- Switches: Preprocessing: 1, Split Roles: 1, Pack Bool: 0, Optimize Sharing: 1
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MP-Slice Runtimes Input Size Datatype -d d256 (AVX)



- Ref.Problem: Scalable Search
- Library: MP-Slice Datatype -d d256 (AVX)
- Metric: Input Size runtime
- Switches: Preprocessing: 0, Split Roles: 1, Pack Bool: 0, Optimize Sharing: 1
- Specs: 7543(2.8GHz) 512GiB 25Gbits

MP-Slice Runtimes Input Size Protocol -s 4 (OEC DUP)



Ref.Problem: Scalable Search

Library: MP-Slice - Protocol -s 4 (OEC DUP)

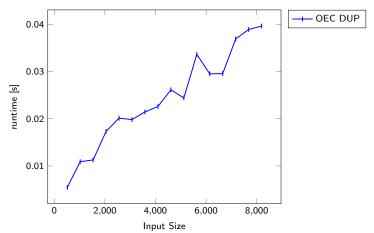
- Metric: Input Size - runtime

- Switches: Preprocessing: 1, Split Roles: 1, Pack Bool: 0, Optimize Sharing: 1

- Specs: 7543(2.8GHz) 512GiB 25Gbits



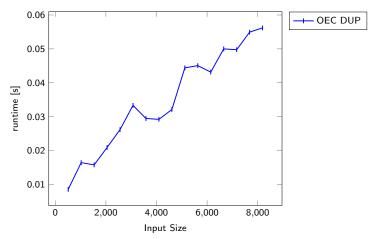
MP-Slice Runtimes Input Size Datatype -d d256 (AVX)



- Ref.Problem: Scalable Search
- Library: MP-Slice Datatype -d d256 (AVX)
- Metric: Input Size runtime
- Switches: Preprocessing: 1, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1
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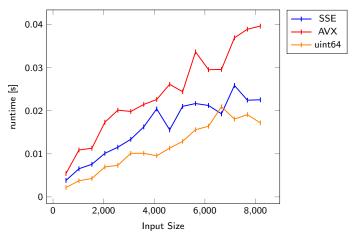
MP-Slice Runtimes Input Size Datatype -d d256 (AVX)



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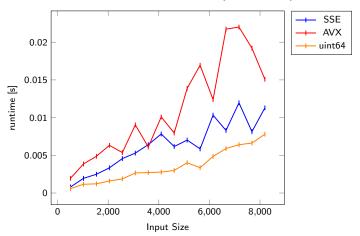
MP-Slice Runtimes Input Size Protocol -s 4 (OEC DUP)



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MP-Slice Runtimes Input Size Protocol -s 4 (OEC DUP)



- Ref.Problem: Scalable Search

Library: MP-Slice - Protocol -s 4 (OEC DUP)

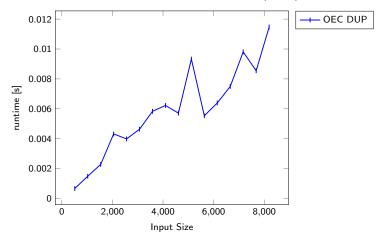
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- Switches: Preprocessing: 0, Split Roles: 1, Pack Bool: 0, Optimize Sharing: 1

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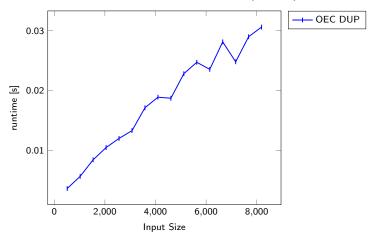
MP-Slice Runtimes Input Size Datatype -d d256 (AVX)



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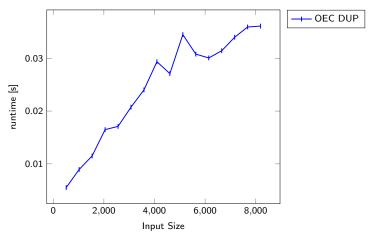


MP-Slice Runtimes Input Size Datatype -d d64 (uint64)



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- Metric: Input Size runtime
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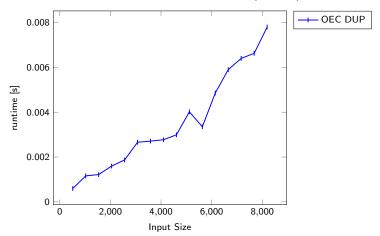
MP-Slice Runtimes Input Size Datatype -d d128 (SSE)



- Ref.Problem: Scalable Search
- Library: MP-Slice Datatype -d d128 (SSE)
- Metric: Input Size runtime
- Switches: Preprocessing: 0, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1
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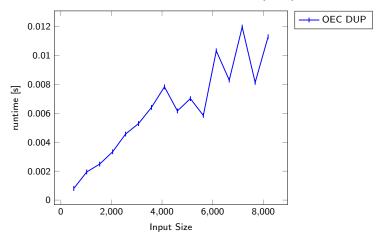
MP-Slice Runtimes Input Size Datatype -d d64 (uint64)



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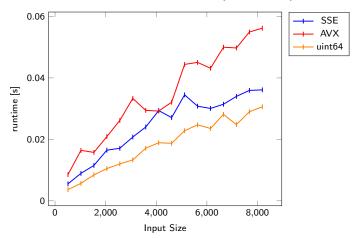
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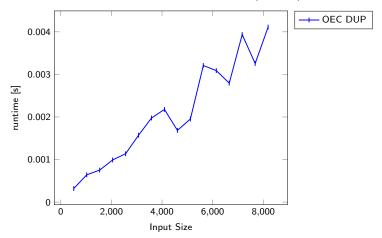
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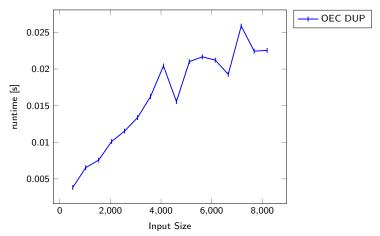


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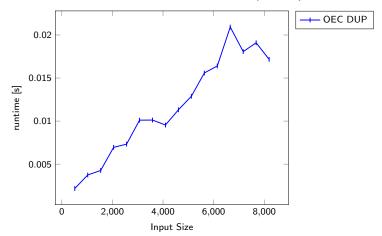
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