

Mode: Just Differences

Left file: C:\Users\soma.dixon\Documents\CFA Dedicated\2019.R3\Production Bugs\Showplan\_xml\_Before Optimization.xml

Right file: C:\Users\soma.dixon\Documents\CFA Dedicated\2019.R3\Production Bugs\Showplan\_xml\_C\_After\_ON Alloc Day.txt

7	<StmtSimple StatementText="DECLARE @End smalldatetime = '&#xD;&#xA;" S >> tatementId="3" StatementCompId="3" StatementType="ASSIGN" RetrievedFromCache="false"></StmtSimple>	<>	7	<StmtSimple StatementText="DECLARE @End smalldatetime = '2019-09-13 00:00:00'&#xD;&#xA;" StatementId="3" StatementCompId="3" StatementType="ASSIGN" RetrievedFromCache="false"></StmtSimple>
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418	<StmtSimple StatementText="&#xA;&#xA;&#x9; DECLARE @Transacti >> onSalesOrderDetailIdsToRemoveAllocationsFrom TABLE (Id BIGINT)&#xA;&#x9; >> INSERT INTO @TransactionSalesOrderDetailIdsToRemoveAllocationsFrom &#xA; >> &#x9;&#x9; select q.TransactionSalesOrderDetailId&#xA;&#x9;&#x9; >> from tbTransactionSalesOrder o with (nolock)&#xA;&#x9;&#x9; >> inner join tbTransactionSalesOrderDetail d with (nolock) on o.itransaction_n >> um = d.itransaction_num&#xA;&#x9;&#x9; inner join tbTransactionSale >> sOrderDetailItemQuantity q with (nolock) on d.transactionSalesOrderDetailId = >> q.transactionSalesOrderDetailId&#xA;&#x9;&#x9; inner join tbAllocat >> ionDetail a with (nolock) on a.allocationdetailid = q.allocationdetailid&#xA; >> inner join @allocationDetailIdsForCurrentPeriod p on p.id = >> a.AllocationDetailId&#xA;&#x9;&#x9; where o.sStatus = 'Unprocessed >> ' &#xA;&#x9;&#x9; and CONVERT(date, o.iRequired_dt) > @Today" St >> atementId="9" StatementCompId="13" StatementType="INSERT" RetrievedFromCache=" >> false" StatementSubTreeCost="8.55182" StatementEstRows="27.2522" SecurityPolic >> yApplied="false" StatementOptmLevel="FULL" QueryHash="0x6FF1F718C94A33FE" Quer >> yPlanHash="0x8524A30FA8B5DC9D" CardinalityEstimationModelVersion="130">	<>	418	<StmtSimple StatementText="&#xA;&#xA;&#x9; DECLARE @Transacti >> onSalesOrderDetailIdsToRemoveAllocationsFrom TABLE (Id BIGINT)&#xA;&#x9; >> INSERT INTO @TransactionSalesOrderDetailIdsToRemoveAllocationsFrom &#xA; >> &#x9;&#x9; select q.TransactionSalesOrderDetailId&#xA;&#x9;&#x9; >> from tbTransactionSalesOrder o with (nolock)&#xA;&#x9;&#x9; >> inner join tbTransactionSalesOrderDetail d with (nolock) on o.itransaction_n >> um = d.itransaction_num&#xA;&#x9;&#x9; inner join tbTransactionSale >> sOrderDetailItemQuantity q with (nolock) on d.transactionSalesOrderDetailId = >> q.transactionSalesOrderDetailId&#xA;&#x9;&#x9; inner join tbAllocat >> ionDetail a with (nolock) on a.allocationdetailid = q.allocationdetailid&#xA; >> inner join @allocationDetailIdsForCurrentPeriod p on p.id = >> a.AllocationDetailId&#xA;&#x9;&#x9; where o.sStatus = 'Unprocessed >> ' &#xA;&#x9;&#x9; and CONVERT(date, o.iRequired_dt) > @Today" St >> atementId="9" StatementCompId="13" StatementType="INSERT" RetrievedFromCache=" >> false" StatementSubTreeCost="2.26214" StatementEstRows="27.364" SecurityPolicy >> Applied="false" StatementOptmLevel="FULL" QueryHash="0x6FF1F718C94A33FE" Query >> PlanHash="0xB1D28BE21488340C" StatementOptmEarlyAbortReason="TimeOut" Cardinal >> ityEstimationModelVersion="130">
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421	<MissingIndexes>			
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429	</ColumnGroup>			
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>>	EstimatedTotalSubtreeCost="8.55182" Parallel="0" EstimateRebinds="0" EstimateR	>>	timatedTotalSubtreeCost="2.26214" Parallel="0" EstimateRebinds="0" EstimateRew	
>>	ewinds="0" EstimatedExecutionMode="Row">	>>	inds="0" EstimatedExecutionMode="Row">	
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>>	n" EstimateRows="5021.8" EstimateIO="0" EstimateCPU="0.0283456" AvgRowSize="15	>>	n" EstimateRows="4986.24" EstimateIO="0" EstimateCPU="0.0280741" AvgRowSize="1	
>>	" EstimatedTotalSubtreeCost="8.54129" Parallel="0" EstimateRebinds="0" Estim	>>	5" EstimatedTotalSubtreeCost="2.25162" Parallel="0" EstimateRebinds="0" Estima	
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483	<DefinedValues></DefinedValues>		
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	>> bo]" Table="[tbTransactionSalesOrderDetailItemQuantity]" Alias="[q]" Column="A		
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491	<ScalarOperator ScalarString="[JATesting].[dbo].[t		
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505	</ProbeResidual>	472	</OuterReferences>
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	>> 228" EstimateIO="2.13646" EstimateCPU="0.598808" AvgRowSize="23" EstimatedTota		>> .0164583" EstimateCPU="0.00754688" AvgRowSize="15" EstimatedTotalSubtreeCost="
	>> lSubtreeCost="2.73527" TableCardinality="544228" Parallel="0" EstimateRebinds=		>> 0.0240052" TableCardinality="544164" Parallel="0" EstimateRebinds="0" Estimate
	>> "0" EstimateRewinds="0" EstimatedExecutionMode="Row">		>> Rewinds="0" EstimatedExecutionMode="Row">
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559	<IndexScan Ordered="0" ForcedIndex="0" ForceScan="	<>	525
	>> 0" NoExpandHint="0" Storage="RowStore">		>> <IndexScan Ordered="1" ScanDirection="FORWARD" For
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564	<DefinedValue>	+ -	
565	<ColumnReference Database="[JATesting]" Sche		
	>> ma="[dbo]" Table="[tbTransactionSalesOrderDetailItemQuantity]" Alias="[q]" Col		
	>> umn="AllocationDetailId"></ColumnReference>		

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566	</DefinedValue>	<>	
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<pre> 783      &lt;StmtSimple StatementText="&amp;#xA;&amp;#xA;          UPDATE tbTransactio &gt;&gt; nSalesOrderDetailItemQuantity&amp;#xA;          SET AllocationDetailId = nul &gt;&gt; l, RemainingAllocationQty = null&amp;#xA;          WHERE AllocationDetailId &gt;&gt; in (select Id from @allocationDetailIdsToDelete)&amp;#xA;          OR Transa &gt;&gt; ctionSalesOrderDetailId in (select Id from @TransactionSalesOrderDetailIdsToRe &gt;&gt; moveAllocationsFrom)" StatementId="11" StatementCompId="15" StatementType="UPD &gt;&gt; ATE" RetrievedFromCache="false" StatementSubTreeCost="23.4074" StatementEstRow &gt;&gt; s="544228" SecurityPolicyApplied="false" StatementOptmLevel="FULL" QueryHash=" &gt;&gt; 0x3EFDCB71689C025E" QueryPlanHash="0x338B14BDA7CB933A" CardinalityEstimationMo &gt;&gt; delVersion="130"&gt; </pre>	<>	<pre> 764      &lt;StmtSimple StatementText="&amp;#xA;&amp;#xA;          UPDATE tbTransactio &gt;&gt; nSalesOrderDetailItemQuantity&amp;#xA;          SET AllocationDetailId = nul &gt;&gt; l, RemainingAllocationQty = null&amp;#xA;          WHERE AllocationDetailId &gt;&gt; in (select Id from @allocationDetailIdsToDelete)&amp;#xA;          OR Transa &gt;&gt; ctionSalesOrderDetailId in (select Id from @TransactionSalesOrderDetailIdsToRe &gt;&gt; moveAllocationsFrom)" StatementId="11" StatementCompId="15" StatementType="UPD &gt;&gt; ATE" RetrievedFromCache="false" StatementSubTreeCost="30.8597" StatementEstRow &gt;&gt; s="544164" SecurityPolicyApplied="false" StatementOptmLevel="FULL" QueryHash=" &gt;&gt; 0x3EFDCB71689C025E" QueryPlanHash="0xE2A50FADCD2C8E73" CardinalityEstimationMo &gt;&gt; delVersion="130"&gt; </pre>
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<pre> 907         &lt;ProbeResidual&gt; 908         &lt;ScalarOperator ScalarString="[JATesti &gt;&gt; ng].[dbo].[tbTransactionSalesOrderDetailItemQuantity].[AllocationDetailId]=[Id &gt;&gt; ]"&gt; 909         &lt;Compare CompareOp="EQ"&gt; 910         &lt;ScalarOperator&gt; 911         &lt;Identifier&gt; 912         &lt;ColumnReference Database="[JA &gt;&gt; Testing]" Schema="[dbo]" Table="[tbTransactionSalesOrderDetailItemQuantity]" C &gt;&gt; olumn="AllocationDetailId"&gt;&lt;/ColumnReference&gt; 913         &lt;/Identifier&gt; 914         &lt;/ScalarOperator&gt; 915         &lt;ScalarOperator&gt; 916         &lt;Identifier&gt; 917         &lt;ColumnReference Column="Id"&gt;&lt; &gt;&gt; /ColumnReference&gt; 918         &lt;/Identifier&gt; 919         &lt;/ScalarOperator&gt; 920         &lt;/Compare&gt; 921         &lt;/ScalarOperator&gt; 922         &lt;/ProbeResidual&gt; 923         &lt;RelOp NodeId="7" PhysicalOp="Bitmap" Lo &gt;&gt; gicalOp="Bitmap Create" EstimateRows="1" EstimateIO="0" EstimateCPU="0.0285021 &gt;&gt; " AvgRowSize="15" EstimatedTotalSubtreeCost="0.0317852" Parallel="1" EstimateR &gt;&gt; ebinds="0" EstimateRewinds="0" EstimatedExecutionMode="Row"&gt; </pre>		<pre> 947 &gt;&gt; "TransactionSalesOrderDetailId"&gt;&lt;/ColumnReference&gt; &lt;/DefinedValue&gt; 948 &lt;DefinedValue&gt; 949 &lt;ColumnReference Database="[JATestin &gt;&gt; g]" Schema="[dbo]" Table="[tbTransactionSalesOrderDetailItemQuantity]" Column= &gt;&gt; "AllocationDetailId"&gt;&lt;/ColumnReference&gt; 950 &lt;ColumnReference Database="[JATestin &gt;&gt; g]" Schema="[dbo]" Table="[tbTransactionSalesOrderDetailItemQuantity]" Column= &gt;&gt; "AllocationDetailId"&gt;&lt;/ColumnReference&gt; 951 &lt;ColumnReference Database="[JATestin &gt;&gt; g]" Schema="[dbo]" Table="[tbTransactionSalesOrderDetailItemQuantity]" Column= &gt;&gt; "AllocationDetailId"&gt;&lt;/ColumnReference&gt; 952 &lt;/DefinedValue&gt; 953 &lt;/DefinedValues&gt; 954 &lt;RelOp NodeId="9" PhysicalOp="Sort" Logi &gt;&gt; calOp="Distinct Sort" EstimateRows="6718.07" EstimateIO="0.0112613" EstimateCP &gt;&gt; U="0.000112503" AvgRowSize="23" EstimatedTotalSubtreeCost="0.128493" Parallel= &gt;&gt; "0" EstimateRebinds="0" EstimateRewinds="0" EstimatedExecutionMode="Row"&gt; </pre>
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	>> umnReference>			
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			969	>> umn="TransactionSalesOrderDetailId"></ColumnReference>
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945	<pre> &gt;&gt; &lt;TableScan Ordered="0" ForcedI &gt;&gt; ndex="0" ForceScan="0" NoExpandHint="0" Storage="RowStore"&gt; 946        &lt;DefinedValues&gt; 947        &lt;DefinedValue&gt; </pre>	<>	<pre> 1011        &lt;NestedLoops Optimized="0"&gt; 1012        &lt;OuterReferences&gt; 1013        &lt;ColumnReference Column="I &gt;&gt; d"&gt;&lt;/ColumnReference&gt; 1014        &lt;/OuterReferences&gt; </pre>

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<pre> 949 950 951 952 953 954 </pre>	<pre> &lt;/DefinedValue&gt; &lt;/DefinedValues&gt; &lt;Object Table="[allocationDetailIdsToDelete]" Storage="RowStore"&gt;&lt;/Object&gt; &lt;/TableScan&gt; &lt;/RelOp&gt; &lt;/Parallelism&gt; </pre>	<pre> &lt;&gt; </pre>	<pre> 1018 &lt;/OutputList&gt; 1019 &lt;TableScan Ordered="0" ForceScan="0" NoExpandHint="0" Storage="RowStore"&gt; 1020 &lt;DefinedValues&gt; 1021 &lt;DefinedValue&gt; 1022 &lt;ColumnReference ColumnName="Id"&gt;&lt;/ColumnReference&gt; 1023 &lt;/DefinedValue&gt; 1024 &lt;/DefinedValues&gt; 1025 &lt;Object Table="[allocationDetailIdsToDelete]" Storage="RowStore"&gt;&lt;/Object&gt; 1026 &lt;/TableScan&gt; 1027 &lt;/RelOp&gt; 1028 &lt;RelOp NodeId="13" PhysicalOp="Index Seek" LogicalOp="Index Seek" EstimateRows="6718.07" EstimatedRowsRead="6718.07" EstimateIO="0.0164583" EstimateCPU="0.00754688" AvgRowSize="23" EstimatedTotalSubtreeCost="0.0240052" TableCardinality="544164" Parallel="0" EstimateRebinds="0" EstimateRewinds="0" EstimatedExecutionMode="Row"&gt; </pre>
<pre> 955 956 957 958 959 960 961 962 963 964 </pre>	<pre> &lt;/RelOp&gt; &lt;/Bitmap&gt; &lt;/RelOp&gt; &lt;RelOp NodeId="10" PhysicalOp="Clustered Index Scan" LogicalOp="Clustered Index Scan" EstimateRows="544228" EstimatedRowsRead="544228" EstimateIO="2.13646" EstimateCPU="0.149702" AvgRowSize="23" EstimatedTotalSubtreeCost="2.28616" TableCardinality="544228" Parallel="1" EstimateRebinds="0" EstimateRewinds="0" EstimatedExecutionMode="Row"&gt; &lt;OutputList&gt; &lt;ColumnReference Database="[JATesting]" Schema="[dbo]" Table="[tbTransactionSalesOrderDetailItemQuantity]" Column="TransactionSalesOrderDetailId"&gt;&lt;/ColumnReference&gt; &lt;ColumnReference Database="[JATesting]" Schema="[dbo]" Table="[tbTransactionSalesOrderDetailItemQuantity]" Column="AllocationDetailId"&gt;&lt;/ColumnReference&gt; &lt;/OutputList&gt; &lt;IndexScan Ordered="1" ForcedIndex="0" ForceScan="0" NoExpandHint="0" Storage="RowStore"&gt; &lt;DefinedValues&gt; </pre>	<pre> 1029 &lt;OutputList&gt; 1030 &lt;ColumnReference Database="[JATesting]" Schema="[dbo]" Table="[tbTransactionSalesOrderDetailItemQuantity]" Column="TransactionSalesOrderDetailId"&gt;&lt;/ColumnReference&gt; 1031 &lt;ColumnReference Database="[JATesting]" Schema="[dbo]" Table="[tbTransactionSalesOrderDetailItemQuantity]" Column="AllocationDetailId"&gt;&lt;/ColumnReference&gt; 1032 &lt;/OutputList&gt; 1033 &lt;IndexScan Ordered="1" ScanDirection="FORWARD" ForcedIndex="0" ForceSeek="0" ForceScan="0" NoExpandHint="0" Storage="RowStore"&gt; 1034 &lt;DefinedValues&gt; </pre>	

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979         </Identifier>
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981         <ScalarOperator>
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>> ting]" Schema="[dbo]" Table="[tbTransactionSalesOrderDetailItemQuantity]" Inde
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>> e="RowStore"></Object>
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>> or>
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	>> 6" AvgRowSize="15" EstimatedTotalSubtreeCost="0.0379104" Parallel="1" Estimate		>> -006" AvgRowSize="23" EstimatedTotalSubtreeCost="0.0179317" Parallel="0" Estim
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(continued)

1014	</OrderBy>	<>	1077	</OuterReferences>
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1038	</Sort>	<>		
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			1107	<ColumnReference Database="[JATe » sting]" Schema="[dbo]" Table="[tbTransactionSalesOrderDetailItemQuantity]" Col » umn="AllocationDetailId"></ColumnReference>
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	>> 4" MaxCompileMemory="8133496"></OptimizerHardwareDependentProperties>			>> 4" MaxCompileMemory="12081320"></OptimizerHardwareDependentProperties>

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Beyond Compare 2.5.3