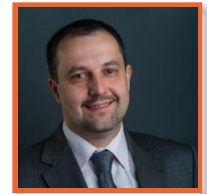


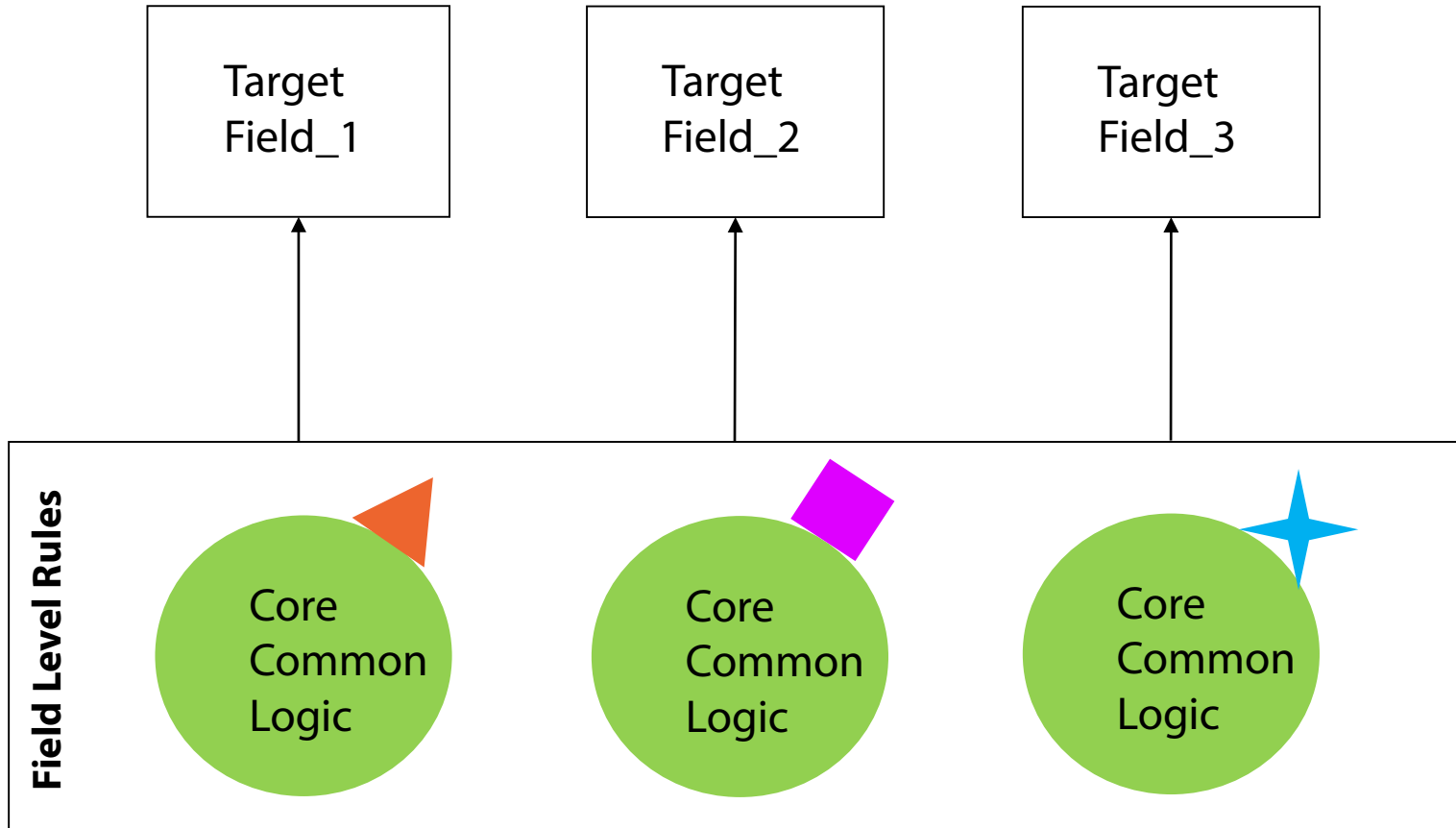
Improve Reusability with End Routine

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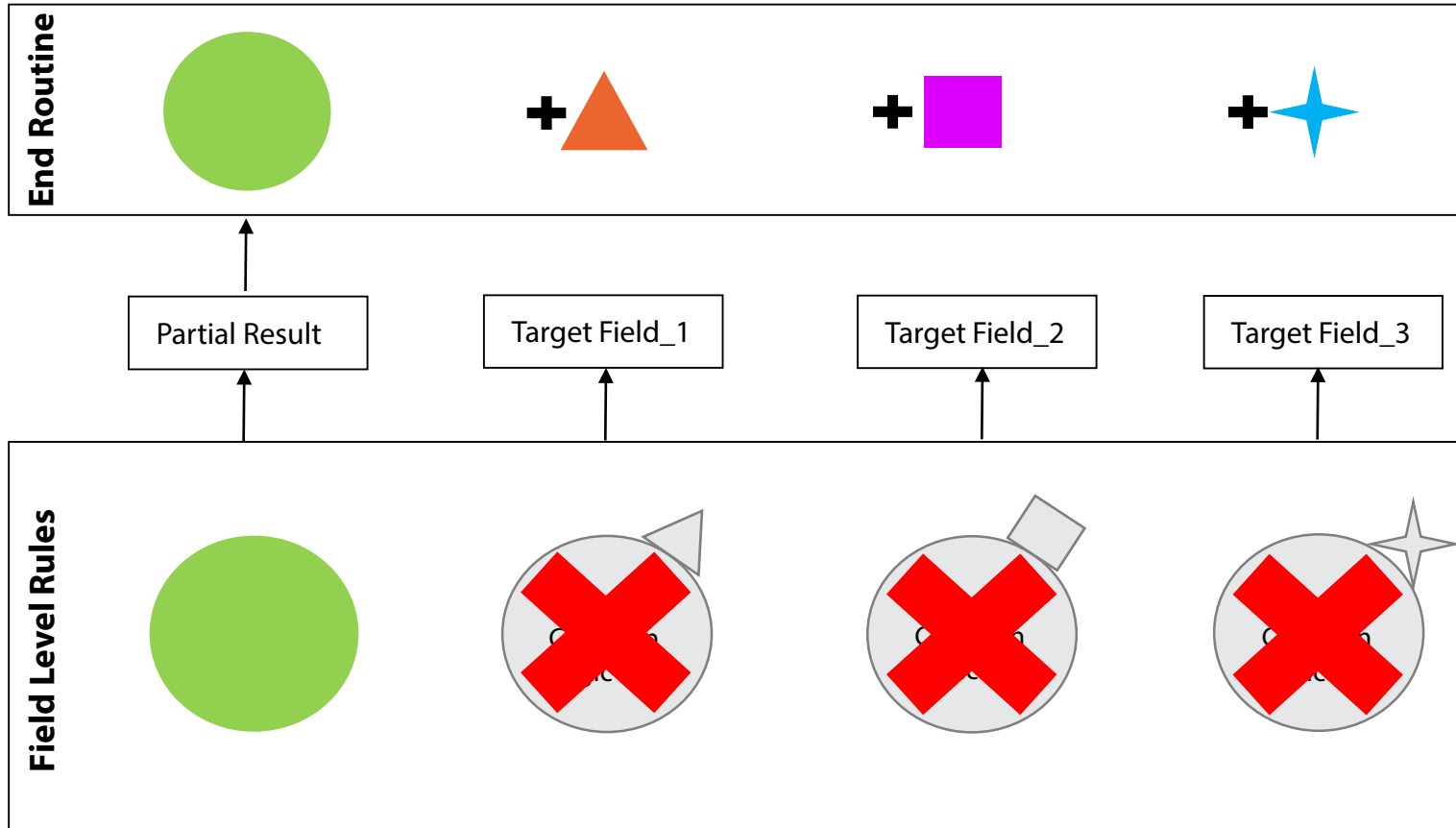


pluralsight 
hardcore dev and IT training

Code Duplication Problem



Reusability



Business Problem

New KPI: Transactions with High Discount



count (discount percentage \geq 20%)

Solution Discovery

Logic

Start Routine

Loop at Records

Field Rule 1

Field Rule 2

Field Rule n

End Loop

End Routine



Execution Logic

Logic	Iterations	Common Practice
Start Routine	1	DB Buffering, Changing Source in Memory
<div>Loop at Records</div> <div><div>Field Rule 1</div><div>Field Rule 2</div><div>Field Rule n</div></div> <div>End Loop</div>	50.000	Target Field Calculations in Memory
End Routine	1	Perform Common Logic for More Target Fields

Execution Logic

Logic	Iterations	Common Practice
Start Routine	1	DB Buffering, Changing Source in Memory
Loop at Records Field Rule 1 Field Rule 2 Field Rule n End Loop	50.000	Target Field Calculations in Memory
End Routine	1	Perform Common Logic for More Target Fields

Solution

Work Area

Amount	Discount	?

Result Table

Amount	Discount	?
100	12	
100	30	
...	...	

Solution

Loop at into

Amount	Discount	?
100	12	



Amount	Discount	?
100	12	
100	30	
...	...	

Solution

Amount	Discount	?
100	12	0

Amount	Discount	?
100	12	
100	30	
...	...	

Solution

Modify

Amount	Discount	?
100	12	0



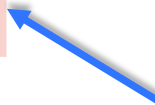
Amount	Discount	?
100	12	0
100	30	
...	...	

Solution

Loop at into

Amount	Discount	?
100	30	

Amount	Discount	?
100	12	0
100	30	
...	...	



Solution

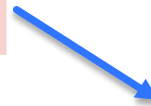
Amount	Discount	?
100	30	1

Amount	Discount	?
100	12	0
100	30	
...	...	

Solution

Modify

Amount	Discount	?
100	30	1



Amount	Discount	?
100	12	0
100	30	1
...	...	

Summary

ABAP Library

Loop at Into

Modify

Summary

End Routine

Complex Operations

Common Logic

Performance

Summary



REUSABILITY