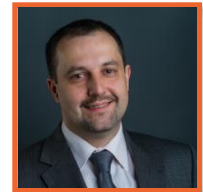


Overview of SAP BW and ABAP

László Mészáros
www.expertise-team.com/explore
[@sapbwmentor](#)



pluralsight 
hardcore dev and IT training

BW with easy standard functionality
but with limitations

BW is open for ABAP extensions

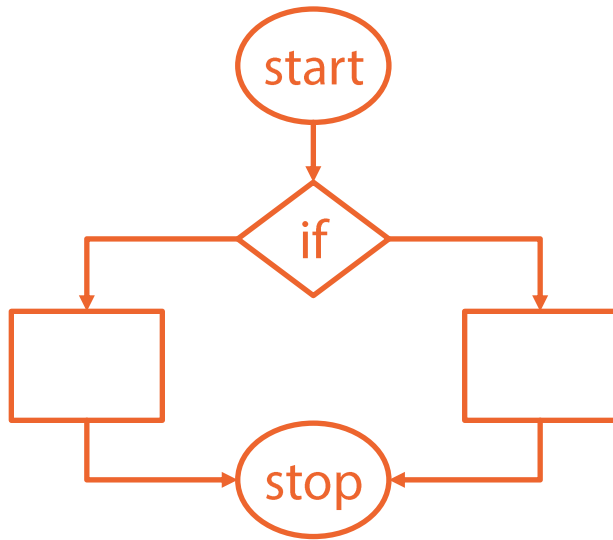
Where are the places for extensions ?

How to avoid workarounds ?

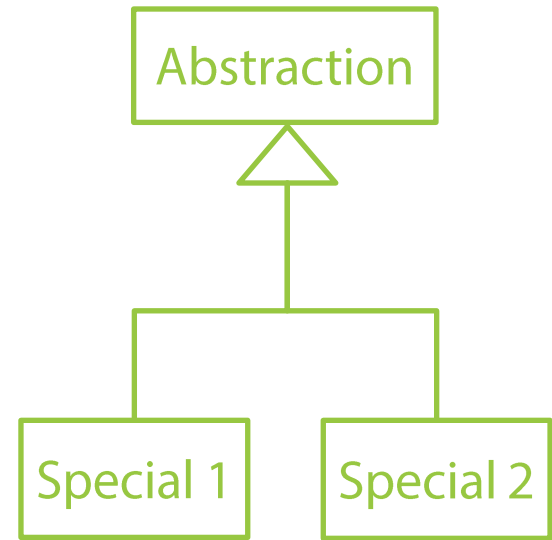


ABAP in BW

Coding Styles

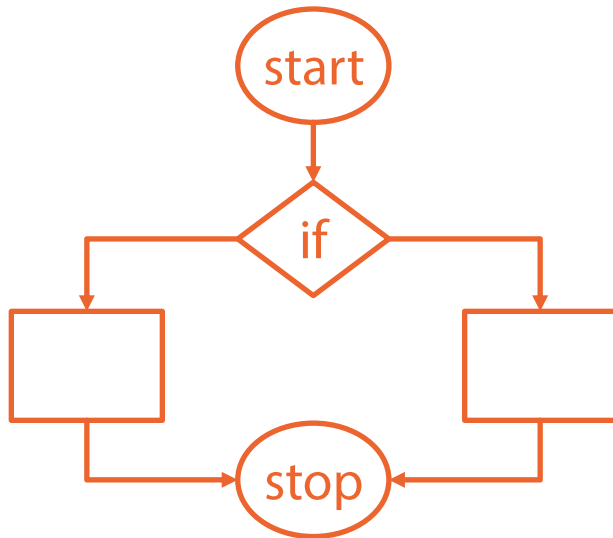


Classical ABAP



ABAP Objects

Classical ABAP

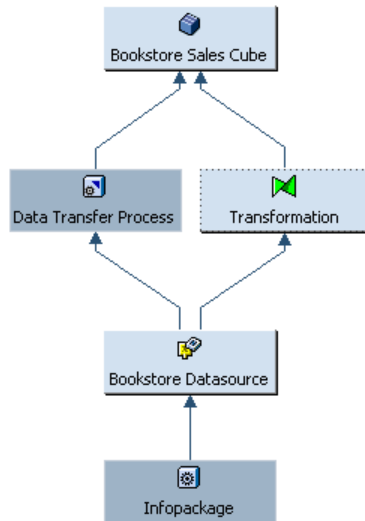


Simple

Procedural approach

Method templates

Scenarios for **Classical ABAP**

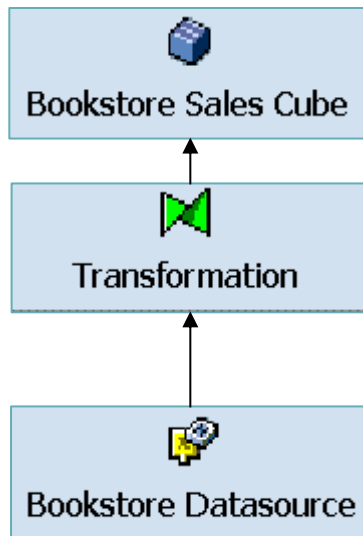


Data Flow

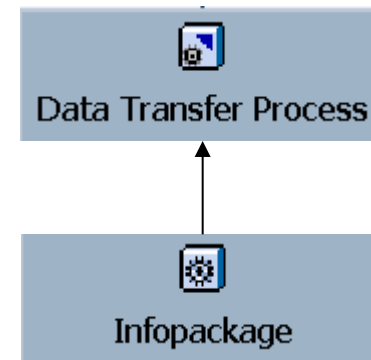
Variable Screen	
Book	<input type="text"/>
Date	<input type="text"/>
Country	<input type="text"/>
Customer	<input type="text"/>
<input type="button" value="Execute"/> <input type="button" value="Verify"/>	

Query

Scenarios for **Classical ABAP**



Design Time Objects



Runtime Objects

Scenarios for **Classical ABAP**

Variable Screen

Book

Date

Country

Customer

Execute

Verify

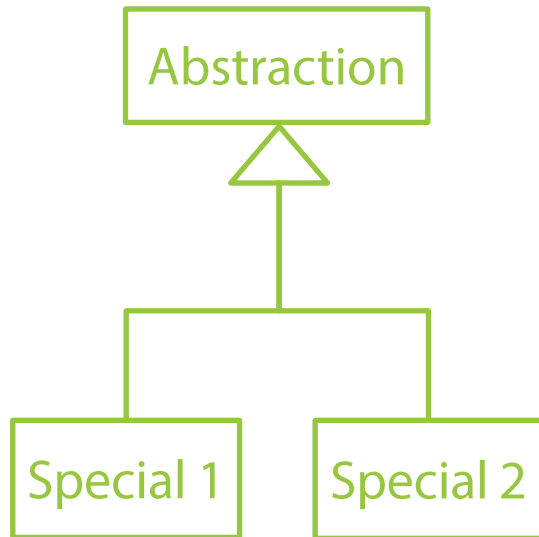
User Exit

Default values

Hidden variables

Validation

ABAP Objects



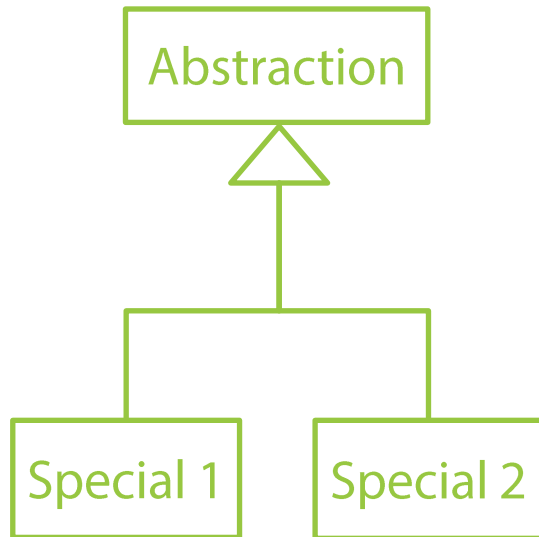
Object Oriented, TDD

Complex

Interface based

Flexible extension

Scenarios for **ABAP Objects**



Custom Formula

Inverse Routine

**Custom process type in
process chains**

**Custom planning
function type**

Summary

Transformation

Data Transfer Process

Infopackage

User Exit variables

Custom Formula

Inverse Routine

**Custom process type in
process chains**

**Custom planning
function type**