## Introducing the ABAP Workbench



Alex Gönczy

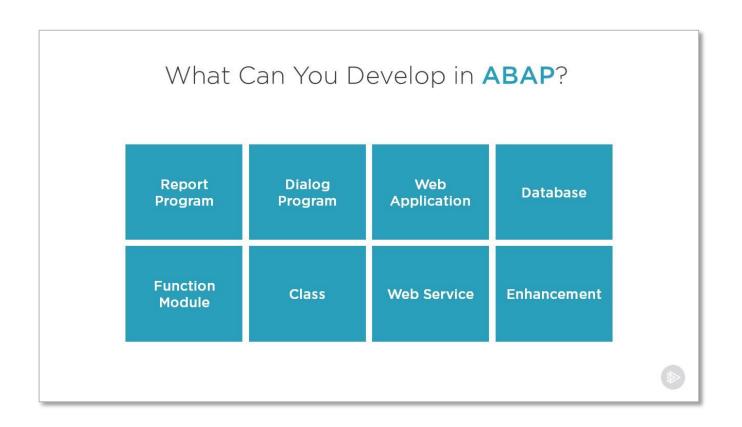
ABAP DEVELOPER

@abapmentor http://abapmentor.expertise-team.com/



## What Can You Develop in ABAP?

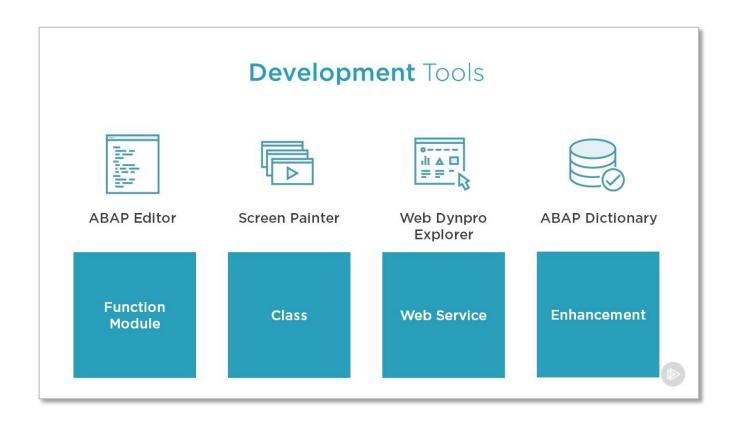






## ABAP Workbench

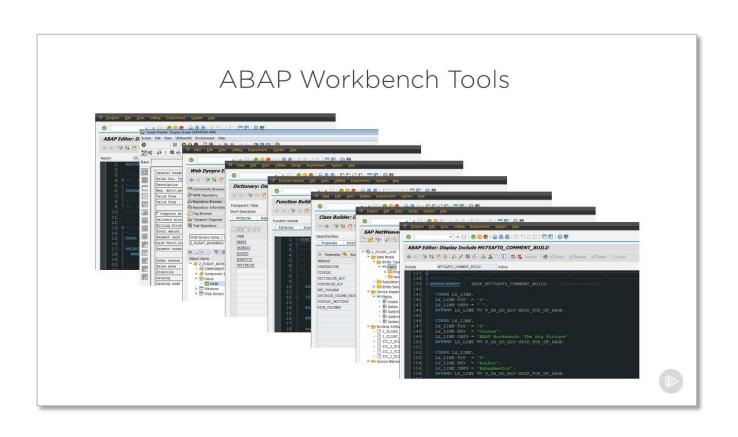






## ABAP Workbench Development Tools







## What Else?



#### ABAP in **Eclipse** 🏠 Project Explorer 🗯 🗎 😘 📭 🔻 📅 🙋 હ 14.2 D. FLIGHT BOOKING, LIST 😂 🔘 [EA4] ZD. DETERMINE NAME OF THE DAY 💢 [EA4] ZEXP MY75AFTO COMMENT, BUILD ► # ZPH\_REC\_SIG D ZD\_FLIGHT\_BOOKING\_LIST ► # ZPH\_REGSUBMISSION 1 REPORT zd\_flight\_booking\_list. ► # ZPHMESIDES ► # ZPK\_DEMOS 4 "\$. Region Define a selection field for Flight Date ► ∰ ZPKT 6 PARAMETERS pfldate TYPE sy-datum OBLIGATORY DEFAULT '20100113'. ₩ # ZPL ₩ # ZPL\_AWBP ► Enhancements ▼ 🧽 Source Library ▶ ⊜ Classes ► ► Function Groups 13 "\$. Region Query first 40 flight bookings for selected date ▶ ⊜ Interfaces ▼ (⇒ Programs 15 DATA flight\_bookings TYPE STANDARD TABLE OF sbook. ▶ @ ZD\_FLIGHT\_BOOKING\_LIST\_FN SELECT \* FROM sbook INTO TABLE flight\_bookings UP TO 40 ROWS DO ZD FLIGHT BOOKING LIST FF WHERE fldate = pfldate. ₽ Outline 🖾 SIgo A A B "\$. Endregion ▼ ② ZD\_FLIGHT\_BOOKING\_LIST PFLDATE FLIGHT BOOKINGS 25 "\$. Region Determine the name of the selected day DAY\_OF\_THE\_WEEKNAME\_OF\_THE\_DAY 27 DATA(day\_of\_the\_week) = pfldate MOD 7. FORMATTED\_DATE 29 IF day\_of\_the\_week > 1. ⊚ TITLE\_OF\_ALV 30 day\_of\_the\_week = day\_of\_the\_week - 1. 31 ELSE. @ ALV SALV\_MSG 32 day\_of\_the\_week = day\_of\_the\_week + 6. 33 ENDIF. SALV\_NOT\_FOUND [EA4] ZD\_FLIGHT\_BOOKING\_LIST

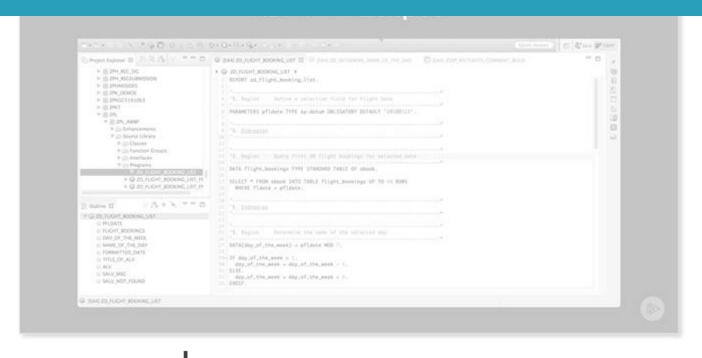


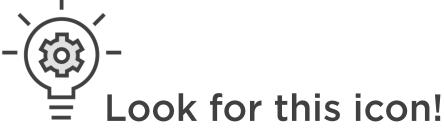
#### Next

# What Can You Develop in ABAP?

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## What Can You Develop in ABAP?





## **C#** Applications







Windows

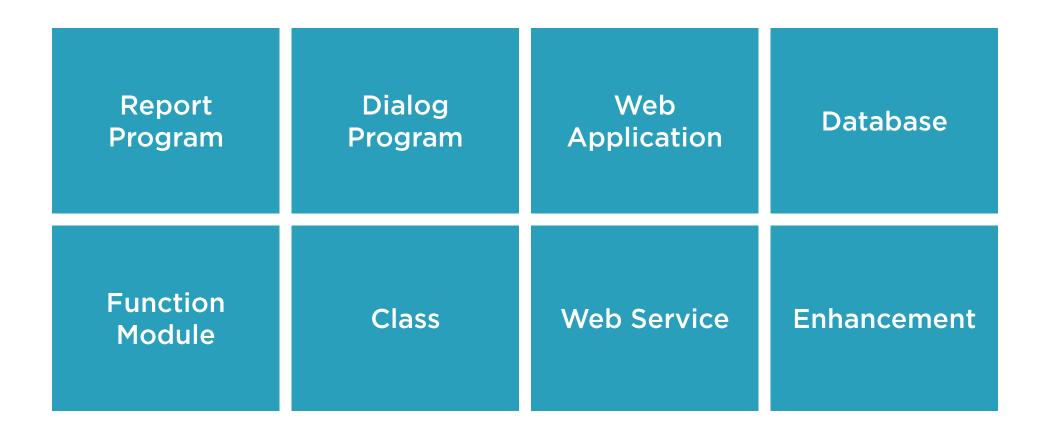


Mobile





## What Can You Develop in ABAP?





## What Can You Next

## **ABAP Workbench**

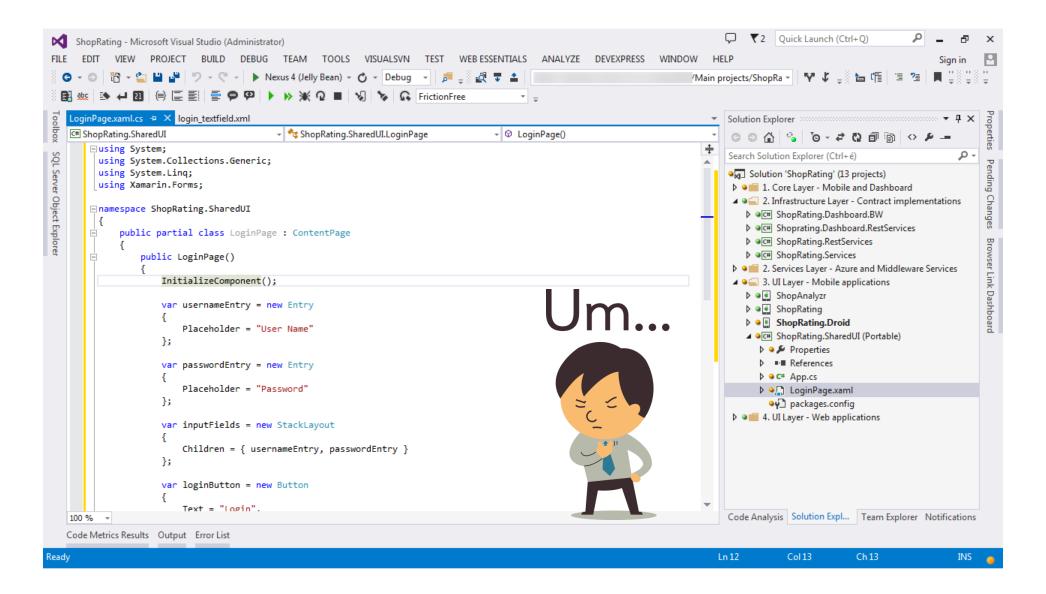




## ABAP Workbench

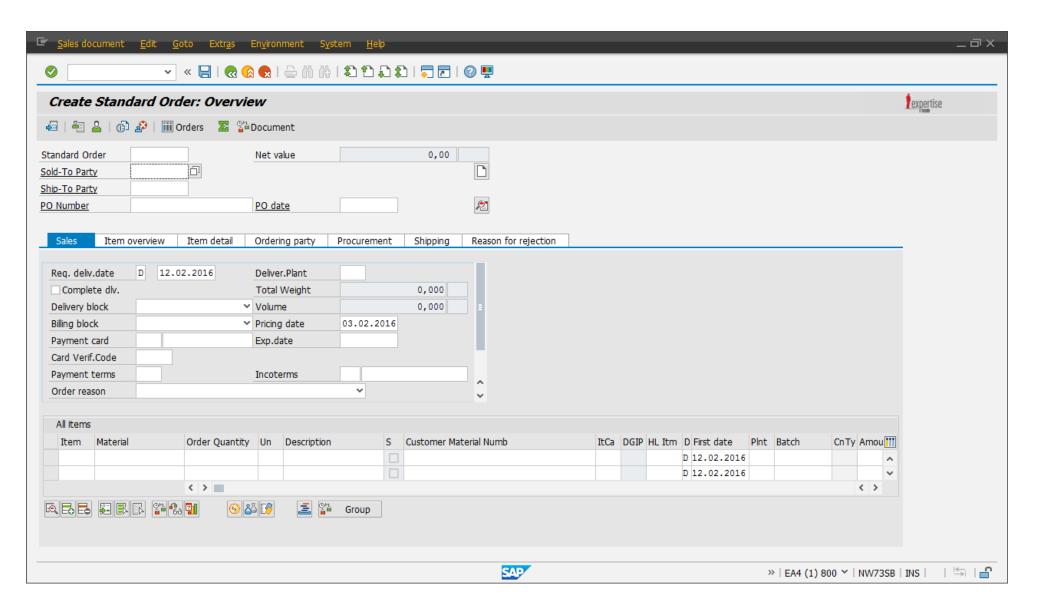


## Microsoft Visual Studio



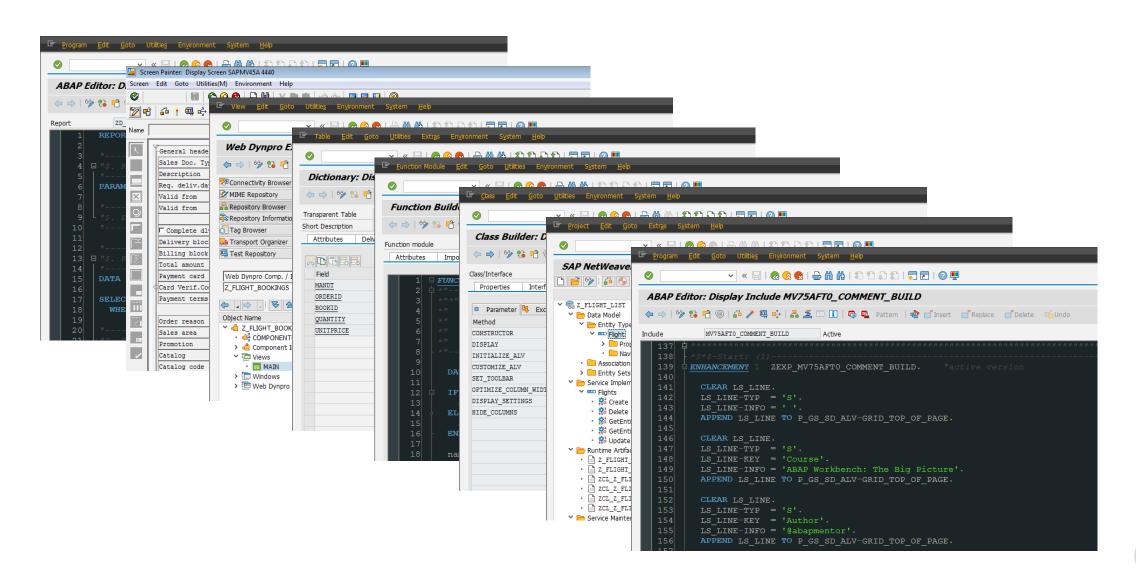


## ABAP Workbench Tools Are Transactions



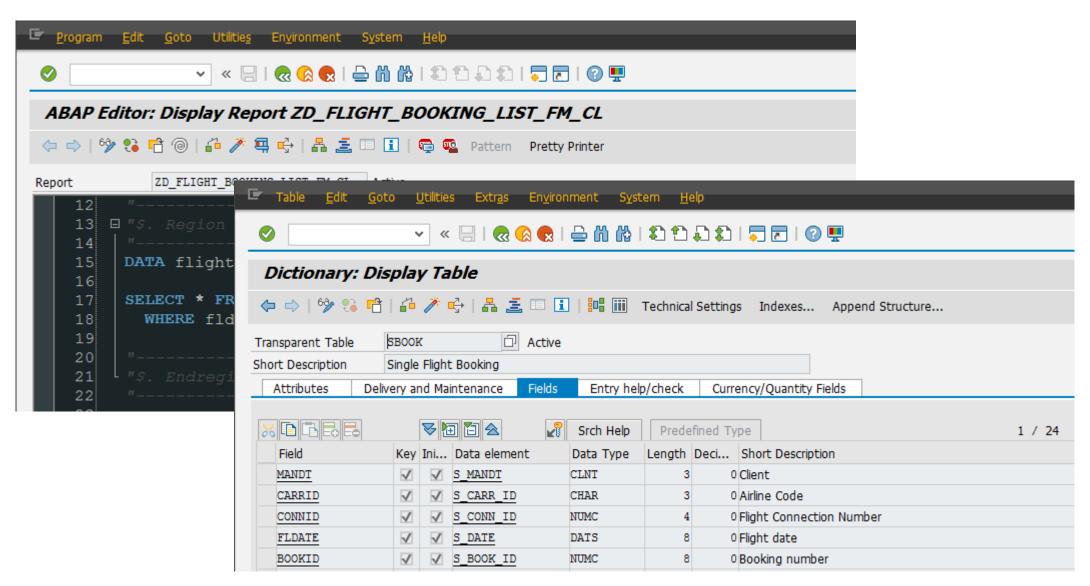


### ABAP Workbench Tools



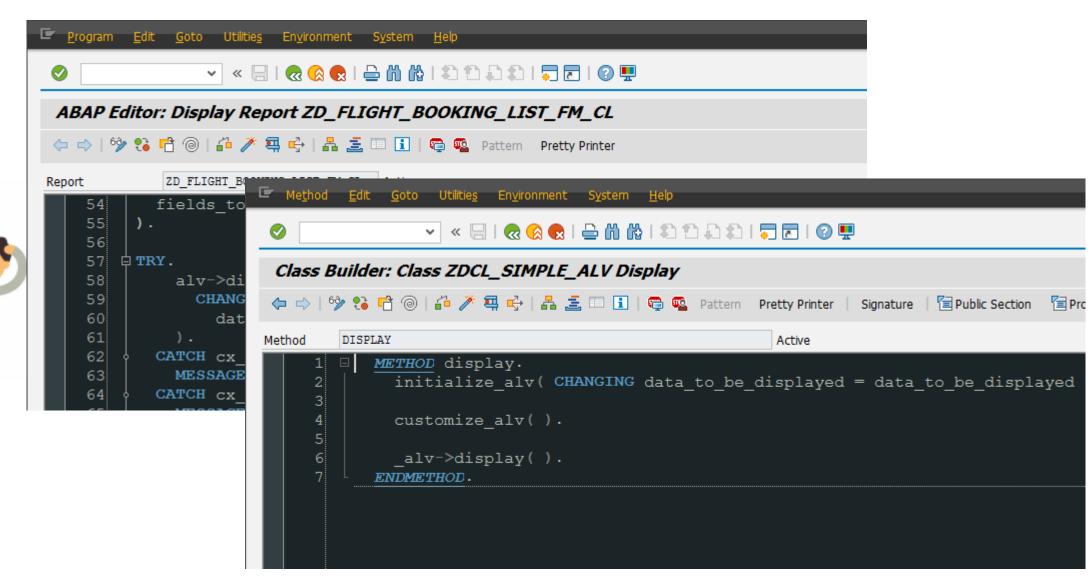


## Navigation Within the ABAP Workbench



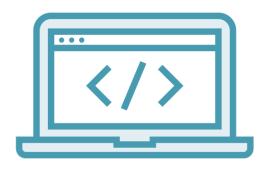


## Navigation Within the ABAP Workbench





## Type of the ABAP Workbench Tools





**Development Tools** 

**Analysis Tools** 



## **Development** Tools



**ABAP Editor** 



**Screen Painter** 



Web Dynpro Explorer



**ABAP Dictionary** 



**Function Builder** 



**Class Builder** 



Gateway Service Builder



**Enhancement** Framework



## Development

#### Next

## **ABAP Editor**



**ABAP Editor** 



Screen Painter



Web Dynpro Explorer



**ABAP Dictionary** 



**Function Builder** 



Class Builder

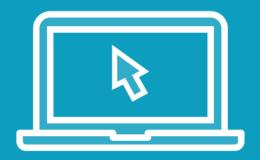


Gateway Service Builder

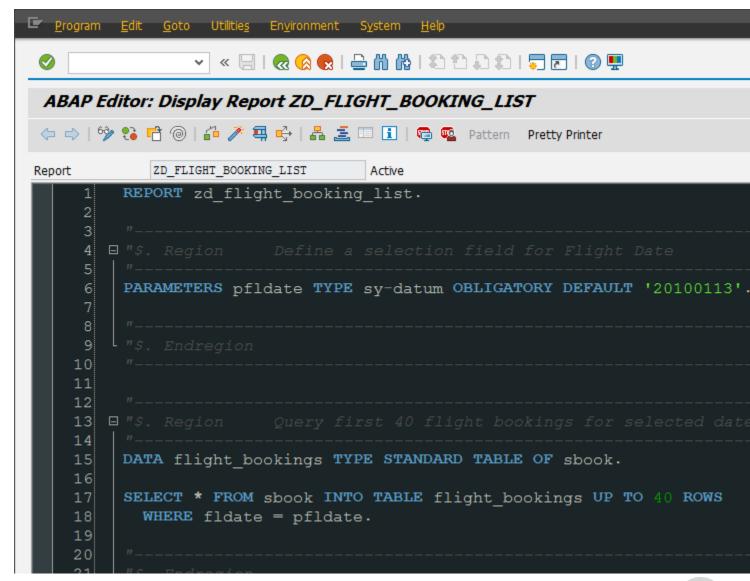


**Enhancement** Framework





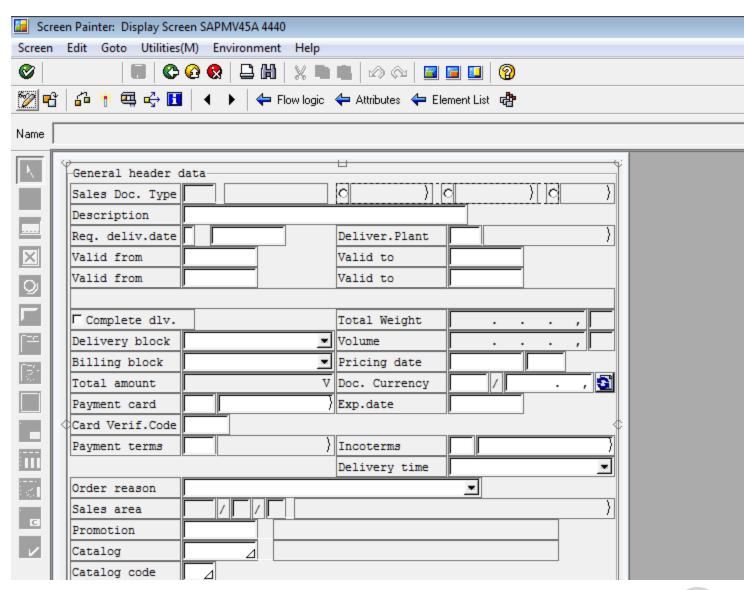
SE38 ABAP Editor







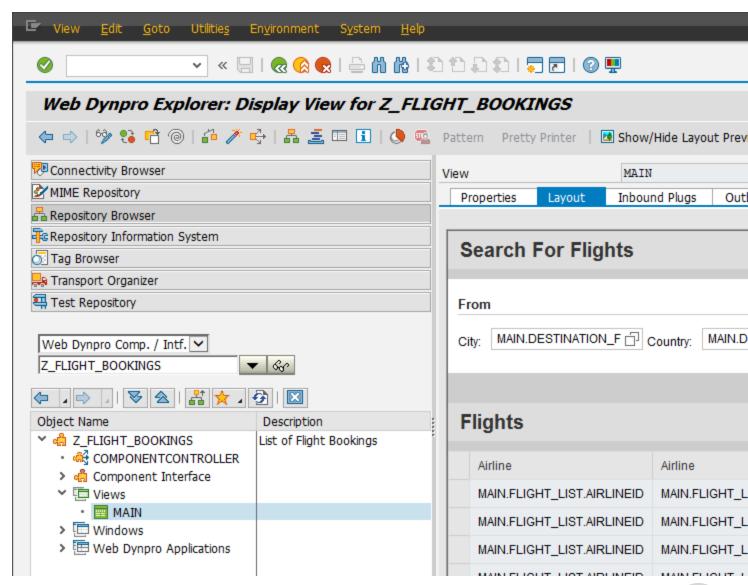
Screen Painter







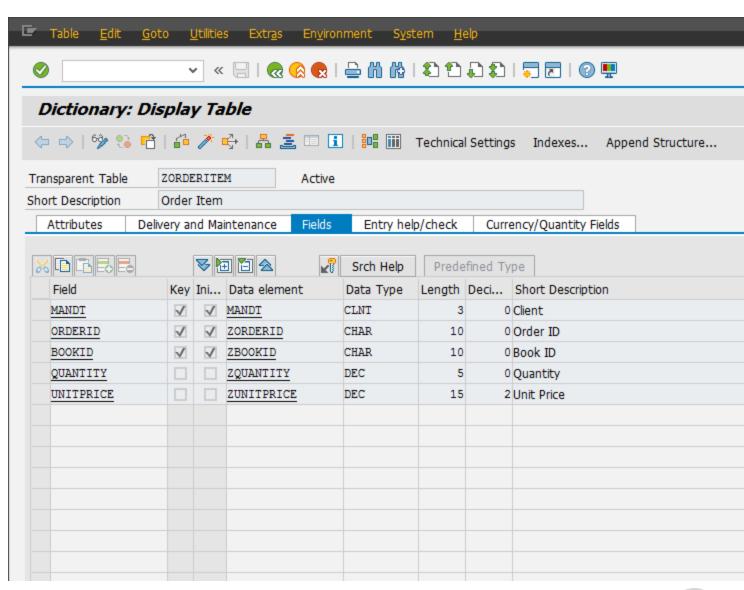
SE80 Web Dynpro Explorer







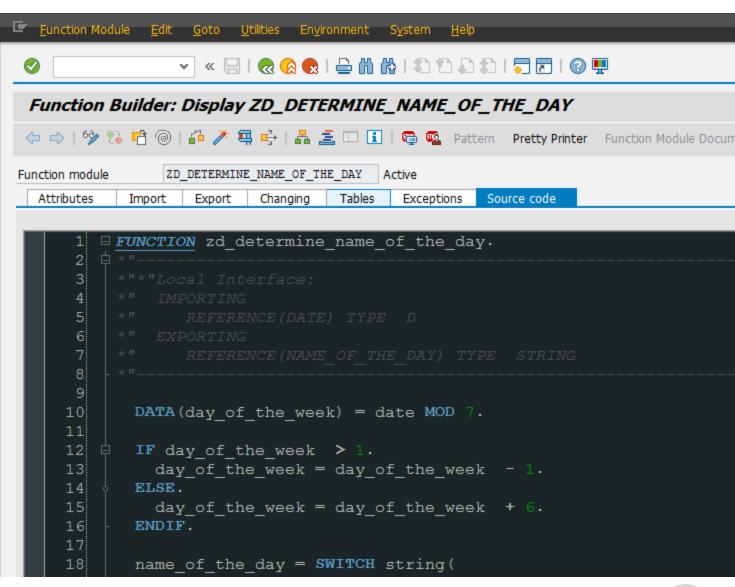
## SE11 ABAP Dictionary







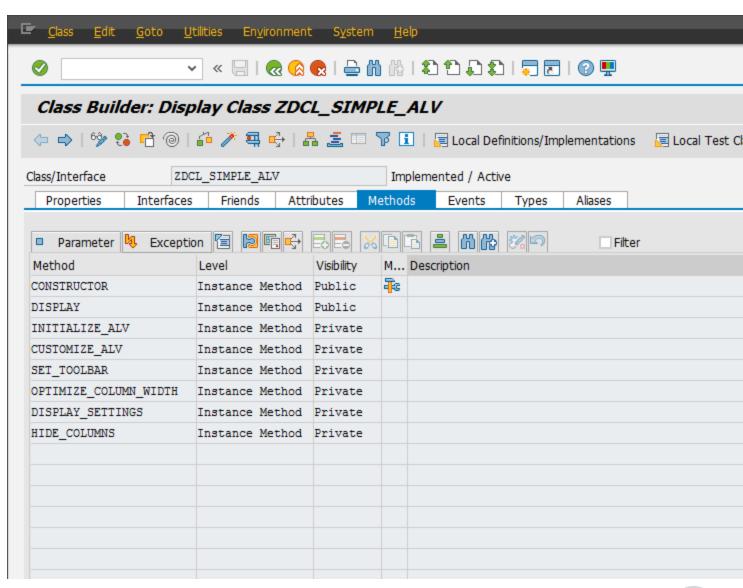
**SE37**Function Builder







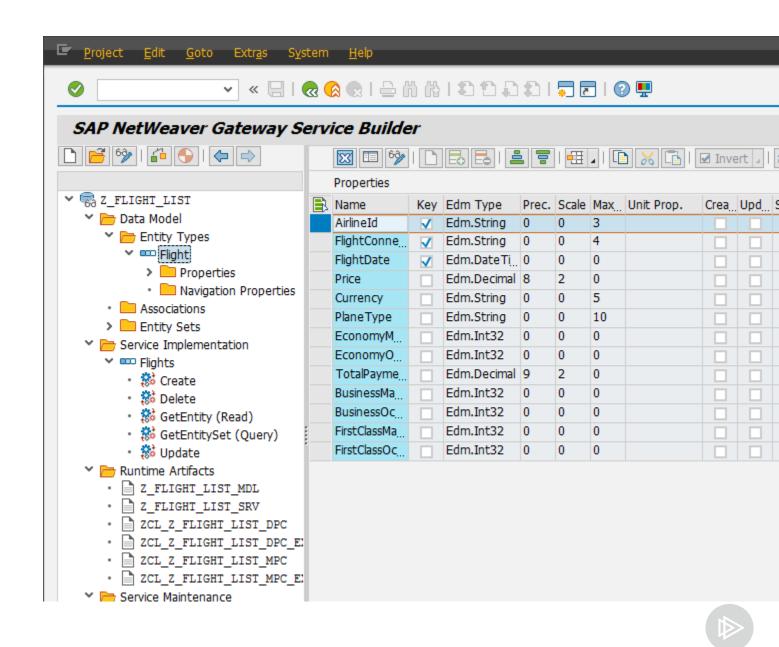
**SE24**Class Builder





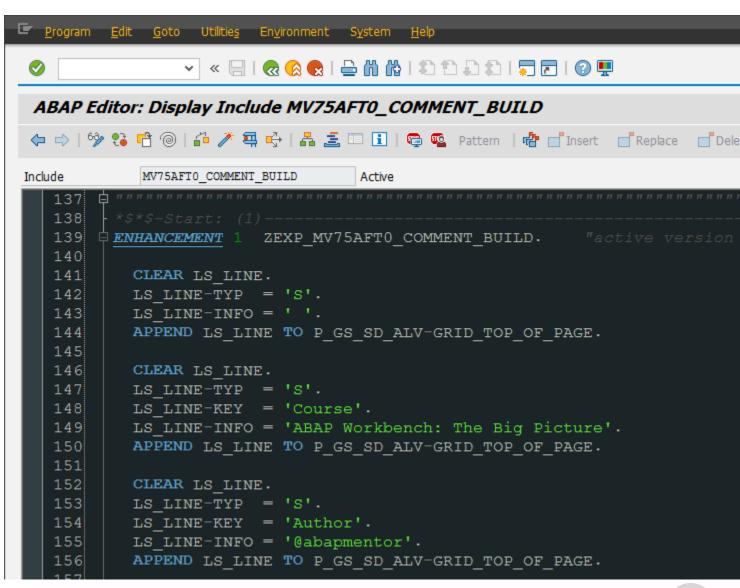


**SEGW**Gateway
Service Builder





Enhancement Framework

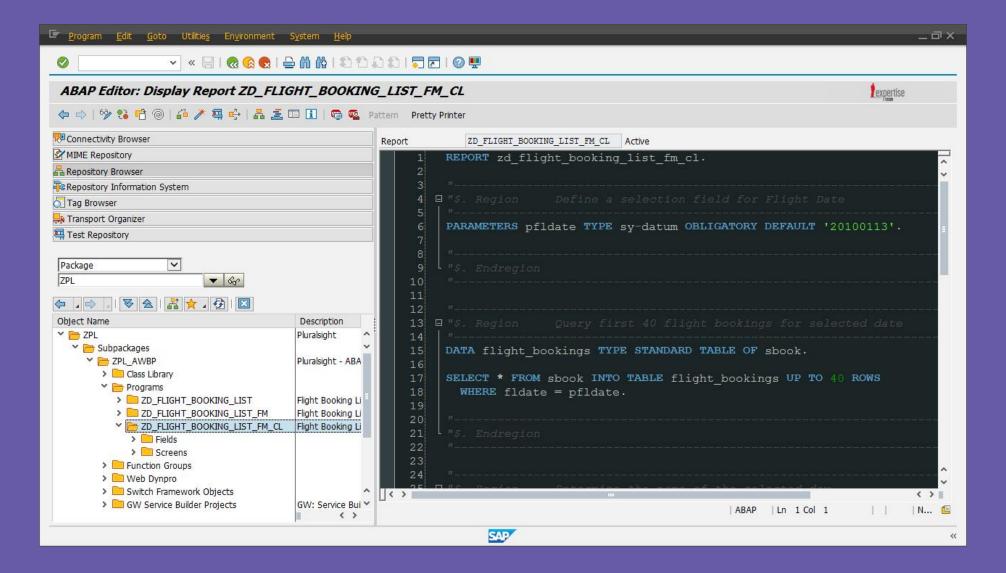




## What Else?

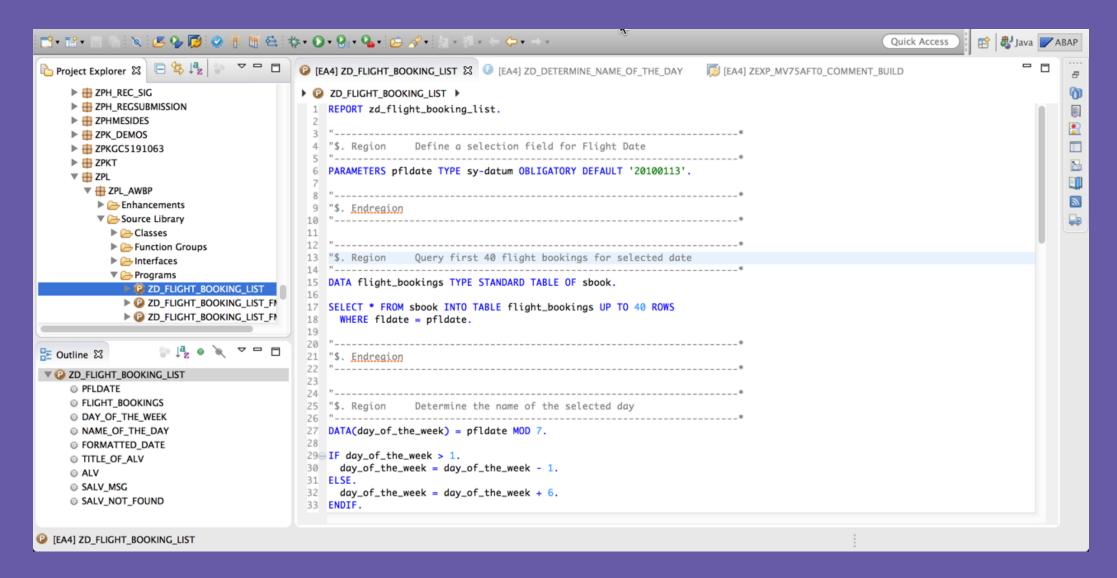


## Object Navigator





## ABAP in **Eclipse**





## ABAP in **BW**





# Introduction to ABAP for SAP Business Warehouse Developers

by Laszlo Meszaros

This course brings ABAP programming and SAP Business Warehouse together. Learn ABAP development practices that will bring balance, quality, and performance to your projects.

Resume Course

Course author



Laszlo Meszaros

Laszlo is an official certified SAP BW/BI consultant and trainer with over 10 years of IT experience. He specializes in SAP Business Warehouse/Business Intelligence but also enthusiastic about ot...

#### Course info

Rating \*\*\*\*\* (41)

My rating \*\*\*\*

3h 47m

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## ABAP in **BW**

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# Summary



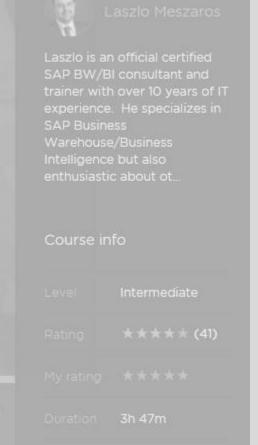


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## Summary



#### What Can You Develop in ABAP?

- Not ABAP applications
- Report & Dialog Programs, ...

#### **ABAP Workbench**

- Integration among the tools
- Development & Analysis Tools

#### **ABAP Workbench: Development Tools**

- Implemented as different transactions
- Checked an example for each of them

#### What Else?

- Object Navigator, Eclipse
- SAP Business Warehouse



#### Next Module

# Working with the ABAP Editor



- Integration among the tools
- Development & Analysis Tools

#### ABAP Workbench: Development Tools

- Implemented as different transactions
- Checked an example for each of them

#### What Else?

- Object Navigator, Eclipse
- SAP Business Warehouse

