



# ABAP Entwicklung in Eclipse & SAP Web IDE Introduction

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## Domini Bigl

- Senior Consultant at Cadaxo

Email: [dominik.bigl@cadaxo.com](mailto:dominik.bigl@cadaxo.com)

Twitter: [@DomiBiglSAP](https://twitter.com/DomiBiglSAP)



# Dusan Sacha

- Consultant at Cadaxo

Email: [dusan.sacha@cadaxo.com](mailto:dusan.sacha@cadaxo.com)

Twitter: [@sacha\\_dusan](https://twitter.com/sacha_dusan)

Eclipse



- **Open Source IDE**
  - **Erweiterbar mittels Plug-Ins**
  - **Java, PHP, JavaScript, C/C++,...**
  - **ABAP**
  - **Google, IBM, Oracle, SAP,...**

- **Eclipse installieren**

- <http://www.eclipse.org/mars/>

- **SAP Plug-Ins installieren**

- <https://tools.hana.ondemand.com/>

- **SAP Backend Einstellungen (7.40 SP02; 7.50)**

- [http://help.sap.com/download/netweaver/adt/SAP\\_ADT\\_Configuration\\_Guide\\_Backend\\_en.pdf](http://help.sap.com/download/netweaver/adt/SAP_ADT_Configuration_Guide_Backend_en.pdf)

## Available Software

Check the items that you wish to install.

Work with:

Fin

type filter text

Name	
>	<input type="checkbox"/> 000 ABAP Development Tools for SAP NetWeaver
>	<input type="checkbox"/> 000 Modeling Tools for SAP BW powered by SAP HANA
>	<input type="checkbox"/> 000 SAP HANA Cloud Platform Tools
>	<input type="checkbox"/> 000 SAP HANA Tools
>	<input type="checkbox"/> 000 UI Development Toolkit for HTML5

ABAP - Program ZWEBINAR01 [CC0] - inactive, locked - CC0\_010\_cadaxo\_en - Eclipse

File Edit Navigate Search Project Run Window Help

Project Explorer

- CC0\_010\_cadaxo\_en [CC0, 010, CADAXO, EN]
  - Favorite Packages
    - STMP - CADAXO
      - BOPF Business Objects
      - BSP Library
      - Connectivity
      - Dictionary
        - ABAP DDL Sources
          - Database Tables
            - YOFPM\_RECORDS
            - ZAPM\_ATTRIBUTES
            - ZAPM\_ATTRIBUTESH
            - ZAPM\_ATTRIBUTESR
            - ZAPM\_RECORDS
            - ZCDX\_MOVIE
            - ZCHARTDATA
            - ZDATENTYPEN
            - ZDCODEHANAOW
            - ZFL\_C\_QC
            - ZFL\_C\_QC\_T
            - ZFL\_PROTOTYP
            - ZMOODS
            - ZOF\_D\_ADDR
            - ZOF\_D\_ADDR2
            - ZOF\_D\_ROOT
            - ZPBLT\_ICONS
            - ZWEBINAR01
          - Data Elements
          - Domains
          - Search Helps
          - Structures
          - Table Types
          - Views
          - Enhancements
          - Source Library
            - Classes
            - Function Groups
            - Includes
            - Interfaces
            - Programs

```

1 REPORT zwebinar01.
2
3 at SELECTION-SCREEN.
4
5 start-of-SELECTION.
6
7 data: lt_tab type TABLE OF zwebinar01.
8 select * from zwebinar01 into TABLE lt_tab.
9
10 perform read_data
11 USING
12 'TEST'
13 ##NO_TEXT.
14
15 PERFORM read_data
16 USING
17 u_demo
18 .
19
20 end-of-SELECTION.
21 form read_data using u_demo.
22 ENDFORM.
23

```

Outline

- ZWEBINAR01
  - AT SELECTION-SCREEN
  - START-OF-SELECTION
  - LT\_TAB
    - READ\_DATA

Problems

1 error, 1 warning, 0 others

Description	Resource	Path	Location	Type
Errors (1 item)				
Field "U_DEMO" is unknown. It is neither in o	ZWEBINAR01 ...	[CC0] ZWEBINAR01	line 17	ABAP Syntax ...
Warnings (1 item)				



- **Mit System verbinden**
- **Report anlegen**
  - Wizards
  - Transportanbindung
  - Outline - Navigation
  - DDIC - SE11
- **Klasse anlegen**
  - Muster/Pattern einfügen => Code Completion
  - Source Code Based

- **UI5 App**

**Live Demo**

- **Eine Umgebung für (fast) alles**
  - SAPUI5
- **Bessere/mehr Konfigurationsmöglichkeiten**
  - Perspektiven, Views, Short-Cuts
- **Für Einsteiger gewohnt (Java, PHP, C/C++,...)**
- **mehr „GUI sessions“**

- **Class Builder**
- **F3 (Ctrl-Click) – Short-Cuts**
- **Medienbruch (WebGUI)**
- **mögliche Abhängigkeiten von Plug-Ins**
  - (SAP-GUI Versionen)

- **Unterschiedliche Funktionen**
  - data definition language (DDL) – CDS Views
  - data control language (DCL)
  - SAP entscheidet ob SE80 / Eclipse
  -
  
- **WebGUI/SAP GUI for HTML**
  
- **Gewohnheit (Anforderung)**
  - SE80 wird bleiben
  - Web IDE
  - Eclipse

- <http://www.eclipse.org/mars/>
  - Eclipse download
  
- <https://tools.hana.ondemand.com/>
  - SAP Eclipse Plug-Ins
  
- [http://help.sap.com/download/netweaver/adt/SAP\\_ADT\\_Configuration\\_Guide\\_Backend\\_en.pdf](http://help.sap.com/download/netweaver/adt/SAP_ADT_Configuration_Guide_Backend_en.pdf)
  - ABAP Backend Einstellungen
  
- <http://scn.sap.com/docs/DOC-29294>
  - Netter Blog mit Tips und Tricks
  
- <http://scn.sap.com/community/abap/eclipse>
  - ABAP in Eclipse – offizielle SCN Seite

- 22.04.2016 - SQL Cockpit – Funktionen & Einsatzmöglichkeiten  
<https://www.eventbrite.com/e/cadaxo-sql-cockpit-funktionen-und-einsatzmoeglichkeiten-tickets-22269175704>
- 27.05.2016 - Boost Your ABAP – Tipps und Tricks für performance-optimierte Programmierung  
<https://www.eventbrite.com/e/boost-your-abap-tipps-tricks-fur-performance-optimierte-programmierung-tickets-24123235246>
- 24.06.2016 - SAP Abkürzungsdschungel – Was steckt hinter C4C, S4H, HCP usw.  
<https://www.eventbrite.com/e/der-sap-abkuerzungsdschungel-was-steckt-hinter-hcp-s4-c4c-tickets-24123635443>

# See you again!

## ***Thank you for participating!***

*If you want to stay in touch...*

***Dusan Sacha***

Email: [dusan.sacha@cadaxo.com](mailto:dusan.sacha@cadaxo.com)

Twitter: [@sacha\\_dusan](https://twitter.com/sacha_dusan)

***Domi Bigl***

Email: [dominik.bigl@cadaxo.com](mailto:dominik.bigl@cadaxo.com)

Twitter: [@DomiBiglSAP](https://twitter.com/DomiBiglSAP)

# Thank you!