

# Activate Table as ODATA

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## Create View on Table ABAP Dictionary (SE11)

Follow this procedure to create a [view](#).

Go to SE11, and create a view:

The screenshot shows the 'ABAP Dictionary: Initial Screen' in SAP. On the left, there are radio buttons for 'Database table', 'View' (selected), 'Data type', 'Type Group', 'Domain', 'Search help', and 'Lock object'. To the right of these are input fields. The 'View' field contains 'ZKNA1'. At the bottom, there are three buttons: 'Display', 'Change', and 'Create'. The 'Create' button is highlighted with a red rectangular box.

Choose Database view.






Add a description

In Table/Join Conditions as KNA1

Database View      ZKNA1\_2      Active

Short Description      customer

Attributes    Table/Join Conditions    View Fields    Selection Conditions    Maint.Status




Tables      Join conditions

Table	Field Name		Ta
KNA1			

In View Fields, select Table fields, select all, and copy.

Field Selection from Table KNA1

Field Name	Short description
<input checked="" type="checkbox"/> MANDT	<input checked="" type="checkbox"/> Client
<input checked="" type="checkbox"/> KUNNR	<input checked="" type="checkbox"/> Customer Number
<input checked="" type="checkbox"/> LAND1	<input type="checkbox"/> Country/Region Key
<input checked="" type="checkbox"/> NAME1	<input type="checkbox"/> Name 1
<input checked="" type="checkbox"/> NAME2	<input type="checkbox"/> Name 2
<input checked="" type="checkbox"/> ORT01	<input type="checkbox"/> City
<input checked="" type="checkbox"/> PSTLZ	<input type="checkbox"/> Postal Code
<input checked="" type="checkbox"/> REGIO	<input type="checkbox"/> Region (State, Province, County)
<input checked="" type="checkbox"/> SORTL	<input type="checkbox"/> Sort field
<input checked="" type="checkbox"/> STRAS	<input type="checkbox"/> Street and House Number
<input checked="" type="checkbox"/> TELF1	<input type="checkbox"/> First telephone number
<input checked="" type="checkbox"/> TELFX	<input type="checkbox"/> Fax Number
<input checked="" type="checkbox"/> XCPDK	<input type="checkbox"/> Indicator: Is the account a one-time account?
<input checked="" type="checkbox"/> ADRNR	<input type="checkbox"/> Address
<input checked="" type="checkbox"/> MCOD1	<input type="checkbox"/> Search term for matchcode search
<input checked="" type="checkbox"/> MCOD2	<input type="checkbox"/> Search Term for Matchcode Search
<input checked="" type="checkbox"/> MCOD3	<input type="checkbox"/> Search term for matchcode search
<input checked="" type="checkbox"/> ANRED	<input type="checkbox"/> Title
<input checked="" type="checkbox"/> AUFSD	<input type="checkbox"/> Central order block for customer
<input checked="" type="checkbox"/> BAHNE	<input type="checkbox"/> Express train station
<input checked="" type="checkbox"/> BAHNS	<input type="checkbox"/> Train station
<input checked="" type="checkbox"/> BBBNR	<input type="checkbox"/> International location number (part 1)
<input checked="" type="checkbox"/> BBSNR	<input type="checkbox"/> International location number (Part 2)
<input checked="" type="checkbox"/> BEGRU	<input type="checkbox"/> Authorization Group

☒ Copy            

Seems like too many fields for the next step.

In selection field just get the English description:

Database View    ZKNA1\_2    New(Revised)

Short Description    customer

Attributes    Table/Join Conditions    View Fields    Selection Conditions    Maint.Status













 Table fields

	Table	Field name	Operator	Comparison Value
	KNA1	SPRAS	EQ	'E'
				

Activate the object (wand with sparkles)

Local object, Accept.


Warnings, display, Yes, back.

Displays active.

ZKNA1E

## Maintain Generic DataSources (RSO2)

**SAP** Maintain Generic DataSources



DataSource

☒ Transaction data    ZKNA1

☐ Master Data Attributes

☐ Texts

Select Create.

Choose the application component where you want the generic source to go (**FI**).

DataSource	ZKNA1
Applic. Component	<input type="text" value="1"/>
Data Reconciliation	<input type="checkbox"/>
Object Status	Saved

**Texts**

Short description	<input type="text" value="customer"/>
Medium description	<input type="text" value="customer"/>
Long description	<input type="text" value="customer"/>

**Extraction from DB View**

View/Table	<input type="text" value="ZKNA1"/>
ExtractStruct.	<input type="text" value="Z0XS4H0108"/>

**Extraction frm SAP Query**

InfoSet	<input type="text"/>
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**Extraction by Function Module**

Function Module	<input type="text"/>
Extract.Struct.	<input type="text"/>

Save

## Extractor Checker S-API (RSA3)

Go to transaction RSA3.

Enter the name data source (KNA1).

Extractor Checker S-API (RSA3)

DataSource	<input type="text" value="zkna1"/>
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**Settings**

Request ID	<input type="text" value="TEST"/>
Data Records / Calls	<input type="text" value="100"/>
Display Extr. Calls	<input type="text" value="10"/>
Update mode	<input type="text" value="F"/>
Target	<input type="text"/>

**Execution Mode**

<input type="checkbox"/> Debug Mode
<input type="checkbox"/> Auth. Trace

**Selections (Internal Format)**

Field	From value	To value	Short Text

Execute. The number of data records selected appears. Select ok.  
Select ALV Grid to see the data records.

SAP

Result of Extraction of DataSource ZKNA1

Data Package (Number of Recs)

1 (100)

</

## Data Browser Check External Exposure (ROOSATTR in SE16)

Go to transaction SE16.

Add the table name ROOSATTR and hit return.

Enter the name of the extractor you created (ZKNA1). The table is filtered on that, and you see KNA1 is exposed.

Table: ROOSATTR	
Displayed Fields: 2 of 2	Fixed Columns:
<input type="checkbox"/> OLTPSOURCE	EXPOSE_EXTERNAL
<input type="checkbox"/> ZKNA1	X

## Create project in Gateway Service Builder (SEGW)

Go to transaction SEGW.

Activate and Maintain Services (/IWFND/MAINT\_SERVICE)

Activate in Gateway Client (/IWFND/GW\_CLIENT)