# Internal Table

## Using Structure in SE38

TYPES: BEGIN OF lty\_data,(local type – naming conventions)

ONO TYPE ZDEONO\_28,

PM TYPE ZDEPM\_28

END OF lty\_data.

Declaring internal table

DATA: lt\_data **TYPE TABLE OF** lty\_data.

## Using Structure from SE11

When we declare it from SE11 it is reusable

A screenshot of a computer

Description automatically generated

Figure Creating Structure from SE11

A screenshot of a computer

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Figure Choose Structure

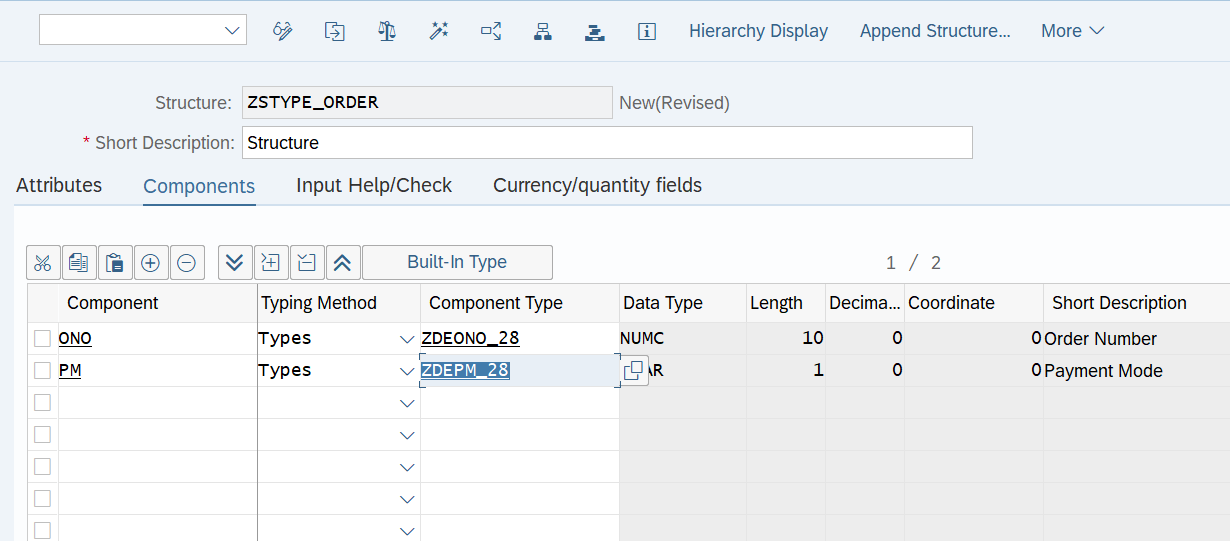


Figure Creating Structure

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Figure Save it as Local Object

Check the Syntax and Activate it

## Using Table Type from SE38

TYPES: ltty\_data TYPE TABLE OF lty\_data.

Where lty\_data is a Structure

Data: lt\_data3 TYPE ltty\_data.

We are creating an internal table but without using TYPE TABLE OF keyword

## Using Table Type from SE11

A screenshot of a computer

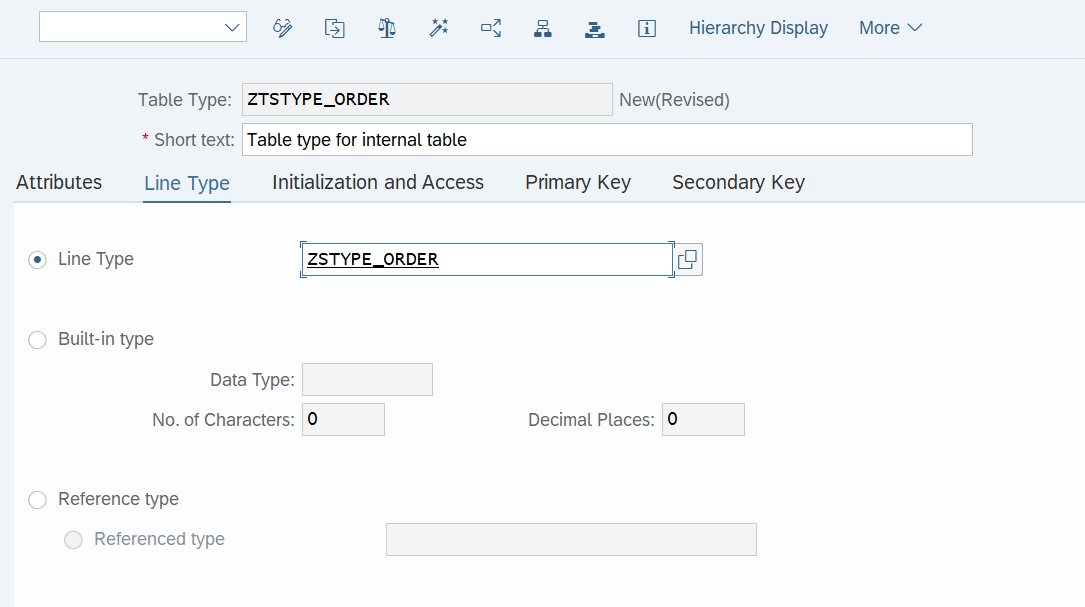
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Figure Creating Table Type

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Figure Selecting Table Type



Structure Type

Figure Creating Table Type

# Work Area

We can declare work only using the structure we cannot declare using the table.

DATA: lwa\_data **TYPE** lty\_data.

# Internal Table with header line

* In the case of an internal table with a header line, there is an implicit(internal) work area.

(Implicit header table: - (Internal work area) We don’t need to declare different names for internal table and work area sap that means lt\_data(internal table) It\_data(work area) but it is absolute now)

* The name of the work area is the same as that of the internal table.
* To clearly identify the internal table use brackets after the internal table name(<itab>[])
* Clear <itab>[] – Clear the contents of the internal table

**Note: - In the case of an internal table with a header line, Clear <itab> clears the work area, not the internal table. If you want to clear the internal table use brackets after the internal table name.**

# Internal Table without header line (Preferred)

* We can avoid the confusion of internal table with header line by using the concept of the internal table without a header line.
* In the case of an Internal table without a header line, there is an explicit(external) work area.
* We declare an explicit work area.
* The name of the Internal table is different from that of the work area.
* Clear <itab> - Clears the content of the Internal table.

# Types of Internal Tables

## Standard Internal Table

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Figure Standard Internal Table.

## Sorted Internal Table

## Hashed Internal Table