

1. DOMAIN AND DATA ELEMENTS CREATED

The screenshot shows the SAP ALEditor interface with the package ZCIT_TASK_2_058 selected. The tree view displays various components:

- ZCIT_TASK_2_058 (21) PACKAGE FOR own domain and data element for library**
 - Dictionary <press F5 to load full content> (21)**
 - Data Elements <press F5 to load full content>**
 - ZCIT_BOOK_AUTHOR_058 Data Element for book AUTHOR
 - ZCIT_BOOK_AVAILABILITY_058 Data Element for book AVAILABILITY
 - ZCIT_BOOK_CATEGORY_058 Data Element for book category
 - ZCIT_BOOK_CURRENCY_058 Data Element for book CURRENCY
 - ZCIT_BOOK_ID_058 Data Element for book id
 - ZCIT_BOOK_PRICE_058 Data Element for book price
 - ZCIT_BOOK_PUBLISHER_058 Data Element for book Publisher
 - ZCIT_BOOK_PUBLISH_DATE_058 Data Element for book publish date
 - ZCIT_BOOK_QUANTITY_058 Data Element for book QUANTITY
 - ZCIT_BOOK_TITLE_058 Data Element for book title
 - Database Tables <press F5 to load full content>**
 - ZCIT_LIB_DB_058 LIBRARY DETAILS DATABASE TABLE
 - Domains <press F5 to load full content>**
 - ZCIT_AVAILABILITY_058 Library book Availability domain
 - ZCIT_BOOK_AUTHOR_058 Library book author domain
 - ZCIT_BOOK_CATEGORY_058 Library book category domain
 - ZCIT_BOOK_CURRENCY_058 Library book Currency type domain
 - ZCIT_BOOK_ID_058 Library book id domain
 - ZCIT_BOOK_PRICE_058 Library book price domain
 - ZCIT_BOOK_PUBLISHER_058 Library book publisher name domain
 - ZCIT_BOOK_TITLE_058 Library book title domain
 - ZCIT_PUBLISH_DATE_058 Library book publish date domain
 - ZCIT_QUANTITY_058 Library book Quantity domain

2. TABLE STRUCTURE

```
@EndUserText.label : 'LIBRARY DETAILS DATABASE TABLE'
@AbapCatalog.enhancement.category : #NOT_EXTENSIBLE
@AbapCatalog.tableCategory : #TRANSPARENT
@AbapCatalog.deliveryClass : #A
@AbapCatalog.dataMaintenance : #RESTRICTED
define table zcit_lib_db_058 {

    key client          : abap.clnt not null;
    key book_id         : zcit_book_id_058 not null;
    title              : zcit_book_title_058;
    author             : zcit_book_author_058;
    publisher          : zcit_book_publisher_058;
    category           : zcit_book_category_058;
    cuky_field         : abap.cuky;

    @Semantics.amount.currencyCode : 'zcit_lib_db_058.cuky_field'
    price               : zcit_book_price_058;
    currency            : zcit_book_currency_058;
    pub_date            : zcit_book_publish_date_058;
    quantity            : zcit_book_quantity_058;
    availability        : zcit_book_availability_058;
    created_by          : abp_creation_user;
    created_at          : abp_creation_tstmp;
    last_changed_by    : abp_lastchange_user;
    last_changed_at    : abp_lastchange_tstmp;
    local_last_changed_at : abp_locinst_lastchange_tstmp;

}
```

3. Preview of the Fiori UI

The screenshot shows a Fiori application interface for searching books. At the top, there are several search filters: 'Editing Status' (set to 'All'), 'Book ID' (input field), 'BOOK TITLE' (input field), 'AUTHOR NAME' (input field), 'Publisher name' (input field), and 'BOOK CATEGORY' (input field). Below these are fields for 'Book Price' (input field), 'CURRENCY TYPE' (input field), 'PUBLISH DATE' (input field), 'QUANTITY' (input field), 'AVAILABILITY' (input field), and 'Created By' (input field). Further down are fields for 'Created On' (input field), 'Changed By' (input field), 'Changed On' (input field), and 'Changed On' (input field). On the right side of the filter bar are buttons for 'Go' and 'Adapt Filters'. Below the filters is a table header with columns: Book ID, BOOK TITLE, AUTHOR NAME, Publisher name, BOOK CATEGORY, and Book Price. A single row is visible in the table, showing '1' in the Book ID column, 'HARRY POTTER' in the BOOK TITLE column, 'J.K. ROWLING' in the AUTHOR NAME column, 'BLOOMSBURY PUBLISHING' in the Publisher name column, 'F' in the BOOK CATEGORY column, and '280.00' in the Book Price column.

4. CREATING

The screenshot shows a Fiori application interface with a 'New Object' dialog box in the foreground. The dialog box has a title 'New Object' and a field 'Book ID: *' containing the value '2'. At the bottom of the dialog are 'Continue' and 'Cancel' buttons. The background of the application is blurred, showing a grid-like structure of horizontal and vertical lines, suggesting a list or table view.

The screenshot shows a Fiori application interface for creating a new book object. The title bar says '##GENERATED Core Data Service Entity'. The main area is titled 'General Information' and contains a form with the following fields:

Book ID:	2	BOOK CATEGORY:	S	QUANTITY:	20	Changed By:	-
BOOK TITLE:	Martian Odyssey	Book Price:	500.00	AVAILABILITY:	9	Changed On:	-
AUTHOR NAME:	Stanley G. Weinbaum	CURRENCY TYPE:	INR	Created By:	CB9980000950	Changed On:	Feb 27, 2026, 11:50:43AM
Publisher name:	Wonder Stories	PUBLISH DATE:	Feb 25, 1998	Created On:	Feb 27, 2026, 11:50:43AM		

At the bottom of the form, there are buttons for 'Create' and 'Discard Draft'. A status message 'Updating draft...' is displayed above the buttons.

SAP a

##GENERATED Core Data Service Entity 2

Edit Delete Ctrl+E

General Information

Book ID: 2	BOOK CATEGORY: S	QUANTITY: 20	Changed By: CB9980000950
BOOK TITLE: MARTIAN ODYSSEY	Book Price: 500.00	AVAILABILITY: 9	Changed On: Feb 27, 2026, 11:52:33AM
AUTHOR NAME: STANLEY G. WEINBAUM	CURRENCY TYPE: INR	Created By: CB9980000950	Changed On: Feb 27, 2026, 11:52:33AM
Publisher name: WONDER STORIES	PUBLISH DATE: Feb 25, 1998	Created On: Feb 27, 2026, 11:52:33AM	

SAP a

Preview for Fiori Elements App Standard

Edit

Editing Status: Book ID: BOOK TITLE: AUTHOR NAME: Publisher name: BOOK CATEGORY:

All	Book ID:	BOOK TITLE:	AUTHOR NAME:	Publisher name:	BOOK CATEGORY:
Book Price:	CURRENCY TYPE:	PUBLISH DATE:	QUANTITY:	AVAILABILITY:	Created By:
Created On:	Changed By:	Changed On:	Changed On:	Changed On:	Changed On:

Go Adapt Filters

(2)

Book ID	BOOK TITLE	AUTHOR NAME	Publisher name	BOOK CATEGORY	Book Price
1	HARRY POTTER	J.K. ROWLING	BLOOMSBURY PUBLISHING	F	280.00 >
2	MARTIAN ODYSSEY	STANLEY G. WEINBAUM	WONDER STORIES	S	500.00 >

5. TABLE DATA PREVIEW

Data Preview Show Log Max. Rows: 100

2 rows retrieved - 4 ms

BOOK_ID	TITLE	AUTHOR	PUBLISHER	CATEGORY	PRICE	CURRENCY	PUB_DATE	QUANTITY	AVAILABILITY	CREATED_BY	CREATED_AT
0000000001	HARRY POTTER	J.K. ROWLING	BLOOMSBURY PUBLISHING	F	280.00	INR	1997-02-27	10	8	CB9980000950	20260227061924.646
0000000002	MARTIAN ODYSSEY	STANLEY G. WEINBAUM	WONDER STORIES	S	500.00	INR	1998-02-25	20	9	CB9980000950	20260227062233.299

Data Preview Show Log Max. Rows: 100

2 rows retrieved - 4 ms

CATEGORY	PRICE	CURRENCY	PUB_DATE	QUANTITY	AVAILABILITY	CREATED_BY	CREATED_AT	LAST_CHANGED_BY	LAST_CHANGED_AT	LOCAL_LAST_CHANGED_AT
	280.00	INR	1997-02-27	10	8	CB9980000950	20260227061924.646..	CB9980000950	20260227061924.6464850	20260227061924.6464850
	500.00	INR	1998-02-25	20	9	CB9980000950	20260227062233.299..	CB9980000950	20260227062233.2997710	20260227062233.2997710