

# **Limitations of Trial ABAP on cloud and workaround**

Smart Logic Academy

- This trial is a **Shared Offering**.

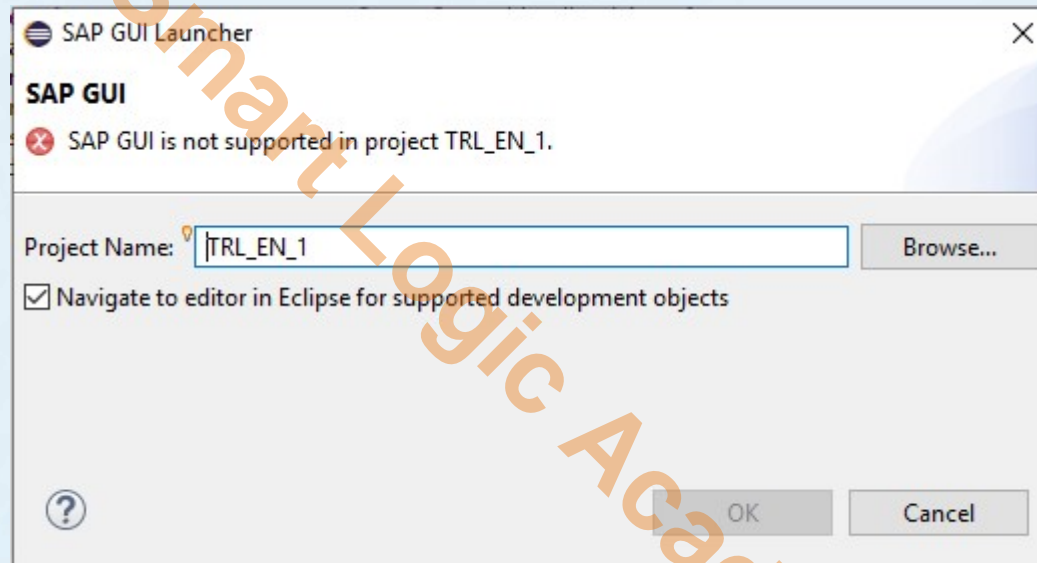
- Trial users share an instance of the same backend system. As in an on premise ABAP development system the content is not separated which means you are able to see and change all objects that other developers have created and they can see and change the objects that you have developed.

- It has a **limited lifetime**.

The total lifetime of the shared ABAP trial system is bound to the lifetime of your trial account in the Cloud Foundry environment. A trial account in the Cloud Foundry environment has a default period of utilization of 30 days. You can extend the trial period to a maximum of 90 days, after which your account is automatically deleted.

After your trial account has been deleted, you can create a new trial account in the Cloud Foundry environment, unless you would like to purchase an enterprise account.

- You can't launch SAP GUI



- Standard database tables are **not present**.

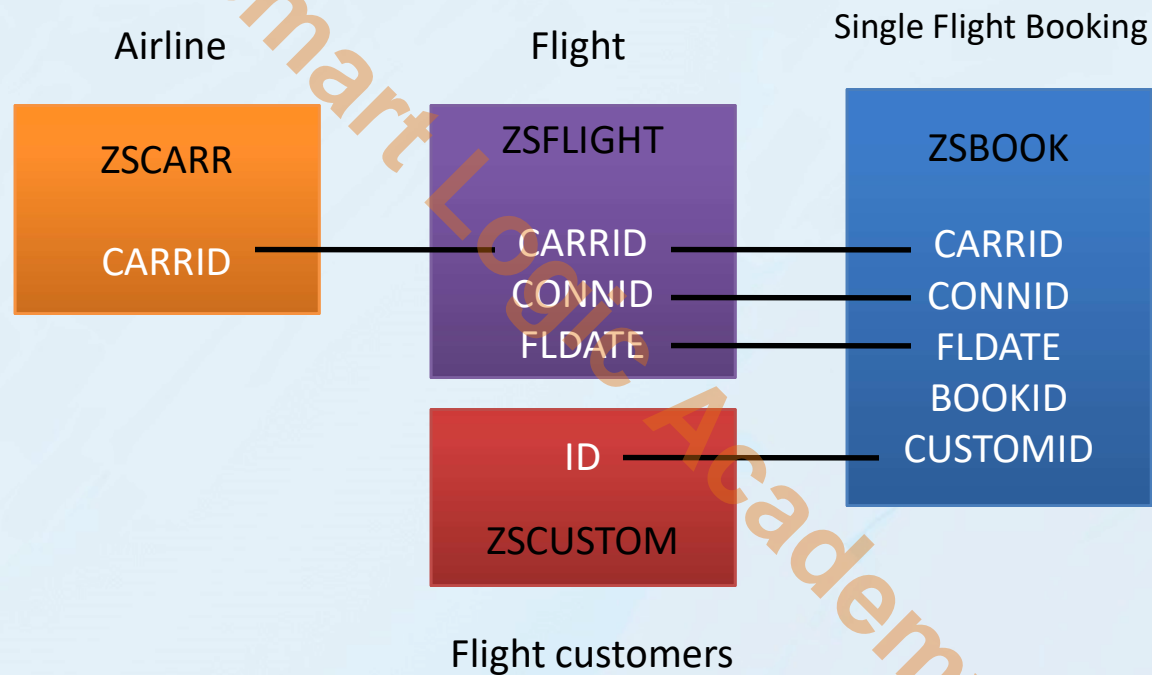
standards tables such as SFLIGHT, SCARR, MARA, EKKO doesn't exist on trial system

```
❌ 6 define view ZCDS_SQL_EX1 as select from slight {
```

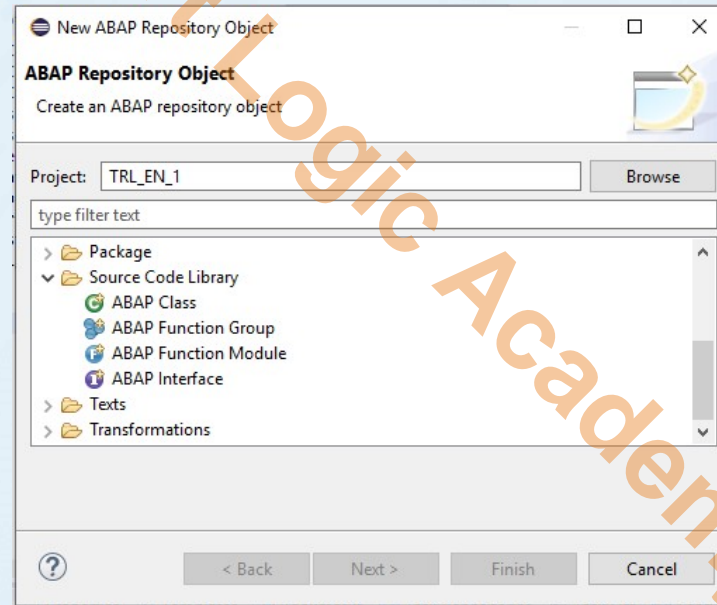
1 error, 0 warnings, 0 others

Description
❌ Errors (1 item)
❌ The data source "slight" does not exist or is not active

## mini Flight Data Model



- Unable to create **report** program  
No option to create report in source code library



## ABAP Application Console Example



```
CLASS zcl_console DEFINITION
PUBLIC
FINAL
CREATE PUBLIC .
```

```

PUBLIC SECTION.
    interfaces if_oo_adt_classrun.
PROTECTED SECTION.
PRIVATE SECTION.
ENDCLASS.
```

```
CLASS zcl_console IMPLEMENTATION.
```

```
    METHOD IF_OO_ADT_CLASSRUN~MAIN.

    out->write('Hello world!').

ENDMETHOD.
```

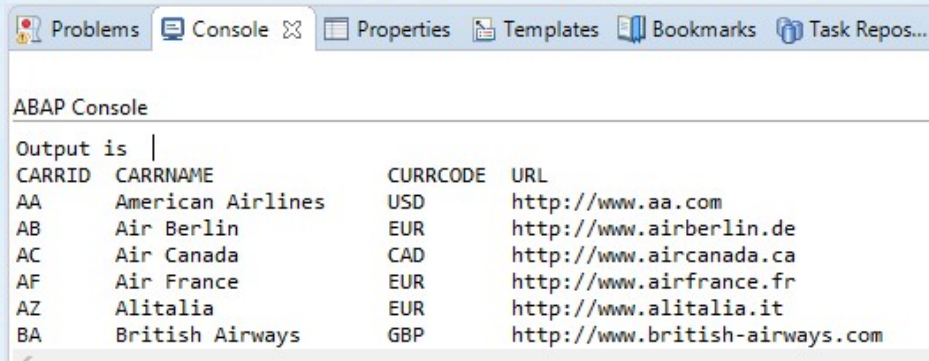
```
ENDCLASS.
```



## ABAP Application Console Example : ABAP CDS View

```
@AbapCatalog.sqlViewName: 'ZCDS_SQL_EX1'
@AbapCatalog.compiler.compareFilter: true
@AbapCatalog.preserveKey: true
@AccessControl.authorizationCheck: #CHECK
@EndUserText.label: 'simple CDS view'
```

```
define view ZCDS_DDL_EX1 as select from zscarr {
  carrid as carrid,
  carrname as carrname,
  currcode as currcode,
  url as url
}
```



ABAP Console

Output is |

CARRID	CARRNAME	CURRCODE	URL
AA	American Airlines	USD	http://www.aa.com
AB	Air Berlin	EUR	http://www.airberlin.de
AC	Air Canada	CAD	http://www.aircanada.ca
AF	Air France	EUR	http://www.airfrance.fr
AZ	Alitalia	EUR	http://www.alitalia.it
BA	British Airways	GBP	http://www.british-airways.com

```
CLASS zcl_test_cds DEFINITION
  PUBLIC
  FINAL
  CREATE PUBLIC .
```

```
  PUBLIC SECTION.
    interfaces if_oo_adt_classrun.
  PROTECTED SECTION.
  PRIVATE SECTION.
ENDCLASS.
```

```
CLASS zcl_test_cds IMPLEMENTATION.
```

```
  METHOD IF_OO_ADT_CLASSRUN~MAIN.
```

```
    select * from ZCDS_DDL_EX1 into table @data(lt_tab).
```

```
    out->write(
      EXPORTING
        data = lt_tab
        name = 'Output is'
    ).
```

```
  endmethod.
ENDCLASS.
```