

This chapter describes introduction of views, creating, modifying and dropping the views.

Introduction

A view is an alternative way of representing the data stored in the tables. It is not an actual table and it does not have any permanent storage. View provides a way of looking at the data in one or more tables. It is a named specification of a result table.

Creating a view

You can create a view using the following syntax:

Syntax:

```
db2 create view <view_name> (<col_name>,  
<col_name1...>) as select <cols>..  
from <table_name>
```

Example: Creating view for shopper.sales1 table

```
db2 create view view_sales1(id, itemname, qty, price)  
as select id, itemname, qty, price from  
shopper.sales1
```

Modifying a view

You can modify a view using the following syntax:

Syntax:

```
db2 alter view <view_name> alter <col_name>  
add scope <table_or_view_name>
```

Example: [To add new table column to existing view 'view_sales1']

```
db2 alter view view_sales1 alter id add  
scope shopper.sales1
```

Dropping the view

You can drop a view using the following syntax:

Syntax:

```
db2 drop view <view_name>
```

Example:

```
db2 drop view sales1_view
```