create database dbtest;

alter database dbtest set MIXED\_PAGE-ALLOCATION on

create table heaptable1(c1 int, c2 varchar(8000))

insert heaptable1 values(1,REPLICATE('a',1000))

-- Create the database

CREATE DATABASE dbtest;

-- Alter database settings

ALTER DATABASE dbtest SET MIXED\_PAGE\_ALLOCATION ON;

-- Create a table

CREATE TABLE heaptable1 (c1 INT, c2 VARCHAR(8000));

-- Insert data into the table

INSERT INTO heaptable1 VALUES (1, REPLICATE('a', 1000));

-- Select data from the table

SELECT \* FROM heaptable1;

-- Drop the table

DROP TABLE heaptable1;

-- Select data with additional information

SELECT

ht1.c1,

ht1.c2,

p.file\_id,

p.page\_id,

dddpa.is\_mixed\_page\_allocation

FROM

heaptable1 AS ht1

CROSS APPLY

sys.fn\_PhysLocCracker(%%physloc%%) AS p

INNER JOIN

sys.dm\_db\_database\_page\_allocation(

DB\_ID(),

OBJECT\_ID('dbo.heaptable1'),

NULL,

NULL,

'detailed'

) AS dddpa

ON

p.file\_id = dddpa.allocated\_page\_file\_id

AND p.page\_id = dddpa.allocated\_page\_page\_id;

-- Enable trace flag

DBCC TRACEON(3604, -1);

-- Display page information

DBCC PAGE(dbtest, 1, 1, 3);