

Comparing DB2 Tablespaces

Prerequisites

DB2 must be installed. See the section DB2 and SQL/DS in the **Predict and Other Systems documentation**

See also General Prerequisites for Comparison Functions.

Calling the Function

The Compare DD Objects with Tablespaces screen is called with code C and object code TS in any Predict main menu or with the command COMPARE TABLESPACE

```
09:44:54          ***** P R E D I C T  4.2.2  *****
Plan    0          - Compare DD Objects with Tablespaces -
2002-07-31          Profile HNO

Dataspace ID ..... ARH-DC-3
Contained in DA .....

Check options           List options
  Dataspace attributes ... Y (Y/N)   Dataspace attributes .....* D
  Files ..... Y (Y/N)                 Files .....* D

Update options
  Dataspace attributes ... N (Y/N)
  Unlink files ..... N (Y/N)

Restrictions .....*  Profile HNO ,used
```

Parameters	
Dataspace ID	ID of the Predict dataspace object that is to be compared. Asterisk notation can be used.
Contained in DA	Predict database object the dataspace object is linked to (via association <i>Contains DC</i>). Asterisk notation can be used.
Check options	
If check options are not set, compare functions will not reset the Modified after generation flag. See Resetting the Modified after generation Flag for more information.	
Dataspace attributes	<p>Y Attributes of the Predict dataspace are compared with the DB2 tablespace.</p>
Files	<p>Y The file list of the dataspace is to be compared with the DB2 tablespace.</p>
List options	
Dataspace attributes	<p>How dataspace attributes are reported.</p> <p>Y All attributes of the Predict dataspace are reported.</p> <p>N No attributes are reported.</p> <p>D Different: only attributes of dataspace that are different from the tablespace are reported.</p>
Files	<p>How files linked to the dataspace via association <i>Contains FI</i> are to be reported:</p> <p>Y All files</p> <p>N No files</p> <p>D Different: only files that are either not implemented in the DB2 tablespace or not defined in Predict.</p>
Update options	
Dataspace attributes	<p>Y Attributes of the Predict dataspace that differ from the DB2 tablespace are changed.</p>
Unlink files	<p>Y Files that are not implemented in the DB2 tablespace are removed from the file lists of the Predict dataspace object and the database objects the dataspace belongs to.</p>

Comparing DB2 Tablespaces in Batch Mode

Command: COMPARE TABLESPACE

Enter parameters on the next line in positional or keyword form.

Field	Keyword	Position
Dataspace ID	DATASPACE-ID	1
Contained in DA	DB	2
Check options		
Dataspace attributes	CHECK-DS	3
Files	CHECK-FILE	4
List options		
Dataspace attributes	LIST-DS	5
Files	LIST-FILE	6
Update options		
Dataspace attributes	UPD-DS	7
Unlink files	UNLINK-FILE	8

Example

To compare all dataspaces with prefix 'TEST' and display all files, code the command:

```
COMPARE TABLESPACE
DATASPACE-ID=TEST* , LIST-FILE=Y
```

or

```
COMPARE TABLESPACE
TEST* , , Y
```

The example above uses the Natural parameter ID=, and IA==