



IBM Software Group

DB2 Express-C 9 overview course

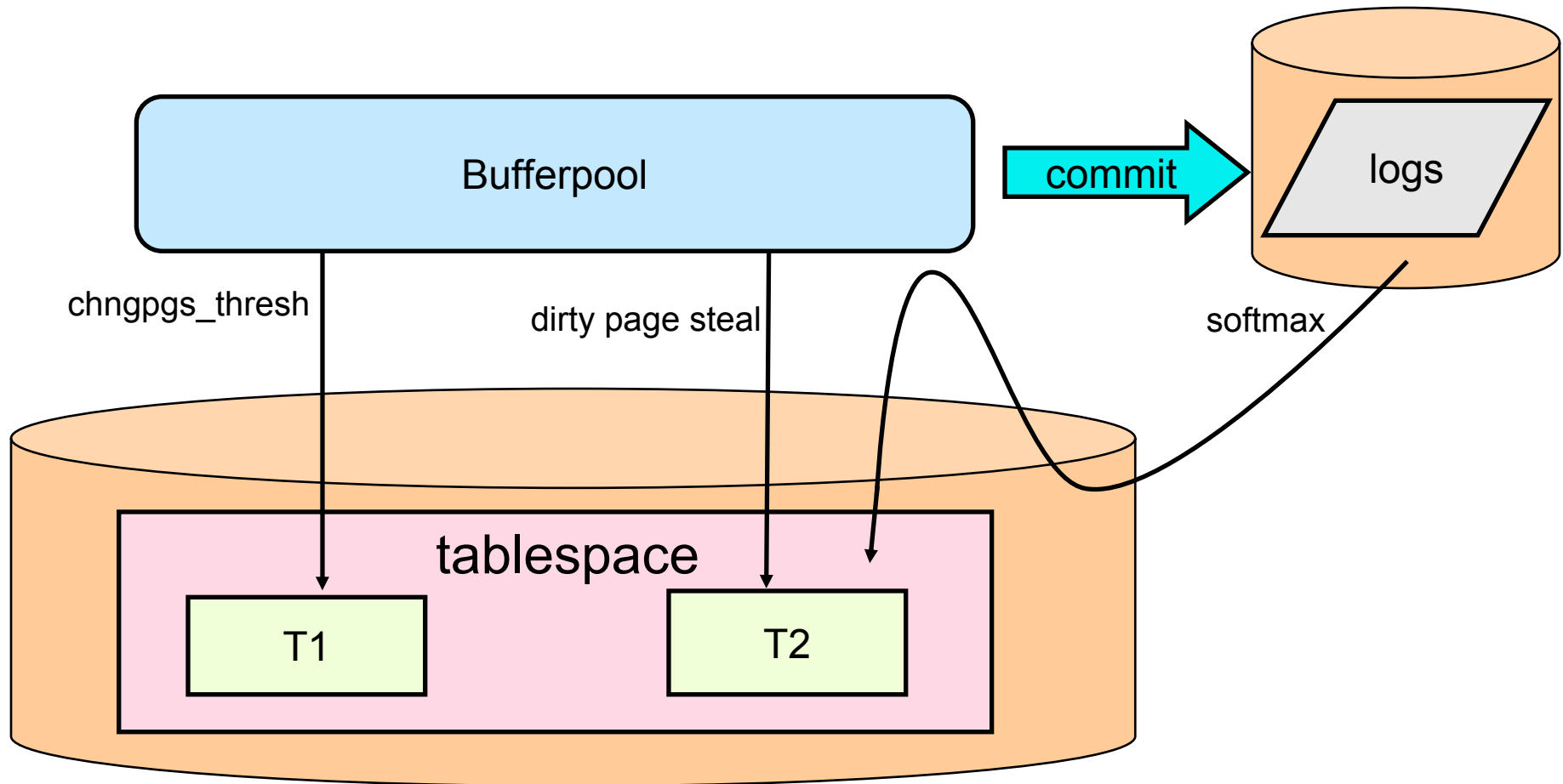
Backup & Recovery

DB2 Information Management Software

ON DEMAND BUSINESS™

Log writing vs. Table writing

- Upon commit, DB2 guarantees data has been written to logs only



Database Backup

```
backup database <dbname>[ TO <path> ]
```

- Point-in-time image of a database
- Backup example:

BACKUP DB sample TO C:\BACKUPS\



Example of Backup File Names

Linux/UNIX/Windows

Alias Instance Year Day Minute Sequence
| | | | | | |
DBALIAS.0.DB2INST.NODE0000.CATN0000.20060914131259.001
 | | | | | |
 Type Node Catalog Node Month Hour Second

Database Restore

```
restore database <dbname>
[from <path>] [taken at <timestamp>]
```

Alias Instance Year Day Minute Sequence

SAMPLE.0.DB2INST.NODE0000.CATN0000.20060314131259.001

Type Node Catalog Node Month Hour Second

Restore example:

drop db sample

RESTORE DB sample FROM <path>TAKEN AT 20060914131259