

03/07/2012 17:58

Client

Connect(IHost): IDatabase

I Transaction : IDataAccess

Dispose(Rollback)
Commit()

ISession : IDataAccess

Dispose
Begin(Write Isolation): ITransaction
(Default) Read Isolation - lower priority
(Default) Write Isolation

IData Access

Get Range(range, columns, [sorting]): dataset
Get Rows(rowID[], columns, [sorting]): dataset

Include(row, columns, isPicky): RowID
Exclude(range, columns, isPicky) - add to col Buff API!
Exclude(rowID[], columns, isPicky)

Host Factory

Connect(address): IHost
Create(topology): IHost

D4 → Insert

Exists
Get Range
Insert
Include

- nil calls do nothing

IDatabase

Topology - lower?

Start(): ISession

Get ID(token): ID

Get Lock(name, mode): ILock
- lower

Topology

Hosts
Columns
Components
Host Components - maybe nested

ILock

Dispose()
Escalate()

ColumnComponent	
ColID	ComponentID

Column

ID	Is Unique	Is Required	Type