

Data Dictionaries; The inside story...

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The Main DD Operations

- Find Records
 - Request_Find, Find
 - Find_by_Recnum, FindByRowId
 - Request_Assign
- Read Records
 - Request_Read
 - Read_By_Recnum, ReadByRowId
 - Locate_Next
- Save
 - Request_Validate followed by
 - Request_Save
- Delete
 - Request_Delete
- Clearing
 - Clear
 - Clear_All

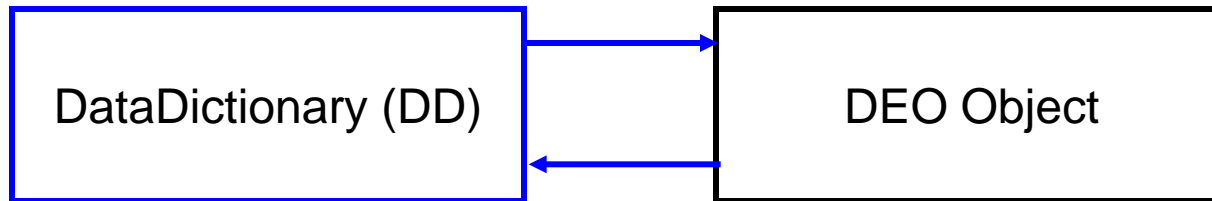
Important DD Events

- Finding
 - OnConstrain
 - OnNewCurrentRecord
- Save
 - Backup
 - Update
 - Creating
 - Validate_Save
 - Save_Main_File
- Delete
 - Backout
 - Deleting
 - Validate_Delete
 - Delete_Main_File

Important DD Methods

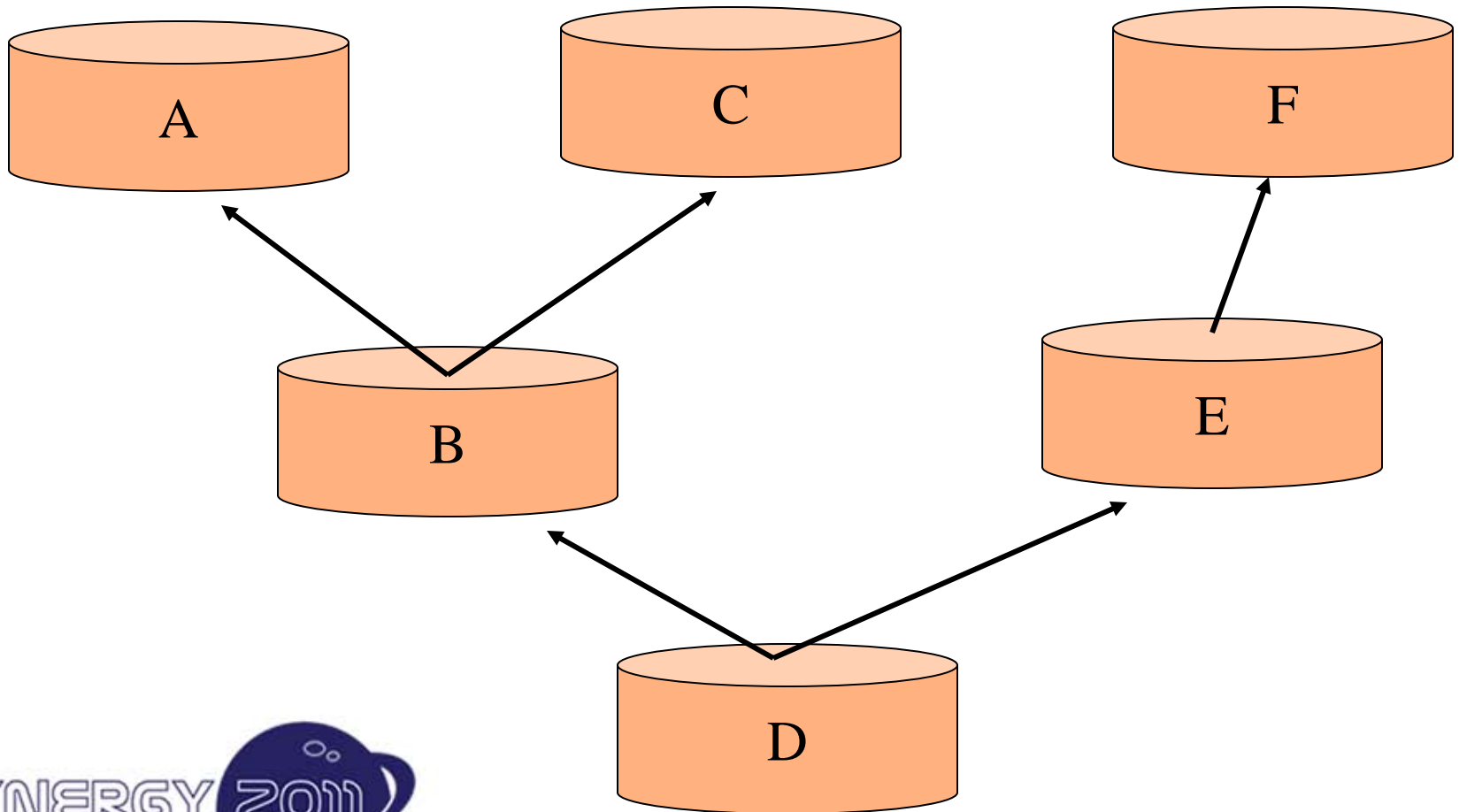
- Get HasRecord
- Get Should_Save
- Get Changed_State
- Get Parent_Changed_State (16.1)
- Get Current_Record
- Get CurrentRowId
- Get / Set pbFindFromFirstRecord
- Get / Set Auto_Fill_State
- Get / Set Constrain_File
- Get / Set pbInheritConstraints

The DD / DEO interface contract



- DDs and DEOs communicate with each other via an interface contract
- DDs keep track of all client DEOs they serve
 - Any change in a DD will send messages to its client DEOs
- A DEO knows which DD server it is attached to
 - A DEO uses its DD to determine how it should behave
 - A change in a DEO will send messages to its server DD
 - A DEO will send request messages to its server DD

A Typical DDO Structure



Order Entry DDOs

