

## Application Info Blocks

Used to store global information about one particular database in an application

Example:

- Storing memo's by category.
- What are the available categories might be stored  
In an application info block
- Checking for and creating application information block

```
if (DmOpenDatabaseInfo(gDB, & ddID, NULL, NULL, & cardNo, NULL)
    return dmErrInvalidParam;
(need to get card# of our DB) (ptr to # of apps opening this DB)
(mode) (resource record DB)

// somewhere, have created an MyAppInfoType typedef. AppInfoID is a local ID of an object of
// this type
// find info block localID if it exists
if(DmDatabaseInfo(cardNo, dbID, NULL, NULL, NULL, NULL, NULL, &appInfoID,
    NULL, NULL, NULL))
    Return dmErrInvalidParam;

If(appInfoID==NULL)
{ // No app info, so create
    h=DmNewHandle(db, sizeof(MyApp InfoType)); //h is a memhandle
    if(!h)
        return dmErrMemError;
    appInfoID =MemHandleToLocalID(h);
    DmSetDatabaseInfo(CardNo, dbID, NULL, NULL, NULL, NULL, null, NULL,
        &appInfo, NULL, NULL, NULL));
}

// appInfoP is a memPtr
appInfoP= MemLocalIDToLockedPtr(appInfoID, cardNo);
//DmWrite can also be used
DmSet(appInfoP, 0, sizeof(MyAppInfoType), 0); // offset      value to write
MemPtrUnlock(appInfoP);
```