

EX/ Overheads

Notes for next two days
comment on my HW45 conduit from 2002

see open conduit code creates a new ~~Conduit~~
C LibCondSync object. pGeneric calls

Both Open Conduit and ^{open} C Lib Cond Sync Conduit pGeneric → Performance

take a C Sync Properties reference as one of their inputs

used in open conduit to create pGeneric

this contains the following members

m_Path Name — for files on desktop

m_Registry — reg path for conduit

m_hKey — main registry key for conduit

m_Sync Pref — eNo Preference
ePermanent Preference } - duration of preference
eTemporary Preference

m_SyncType → skonfig1

m_dwReserved

long CF-d Conduit (ConduitCF Enum of Type, void * Arg, DWORD * pdwArgSize)

incoming CF Conduit Input Type struct

CFG Conduit Info Type was members
~~lost~~

dw Version
dw Size
dw CreatorId
dw UserId
sz Ver
m - Path Name
sync Permanent
sync Temporary
sync New
sync Pref

Sync Logic

Says what happens to record depending on
state of Handheld & PC.

(Ex)	HH	PC	Action
	Added	No rec	Add to PC
	Archived	Deleted	delete HH archive PC
			etc

Generic Conduit Base Classes

CSynchronizer - object that performs actual synchronization of records, categories, etc.
(leave alone)

CPDBBaseMgr - base class of CPCMgr & CHHMgr. Has members for storing & retrieving records.
(leave alone)

CPCMgr - ^{deals with} storing and retrieving records on the desktop.
(you subclass)

CHHMgr - same but for handheld.
(don't need to change)

CPCategoryMgr - used for synchronizing categories

CPalmRecord - generic record format for desktop. Has endian conversion 6^2 .
Should subclass

Generic \rightarrow Perform()
creates ~~two~~ objects

CMyConduit PCMgr ~~and~~ CHHMgr, CPMCategoryMgr, CPCategoryMgr
calls methods of these 6 6^2 to do sync.