CORE COMPONENTS

RUM EXTENSIBLE ARCHITECTURE

REA Application

vfsPage

ckWindow

ckPane

ckWidget(s)

Objects and Libraries: Use Relationship
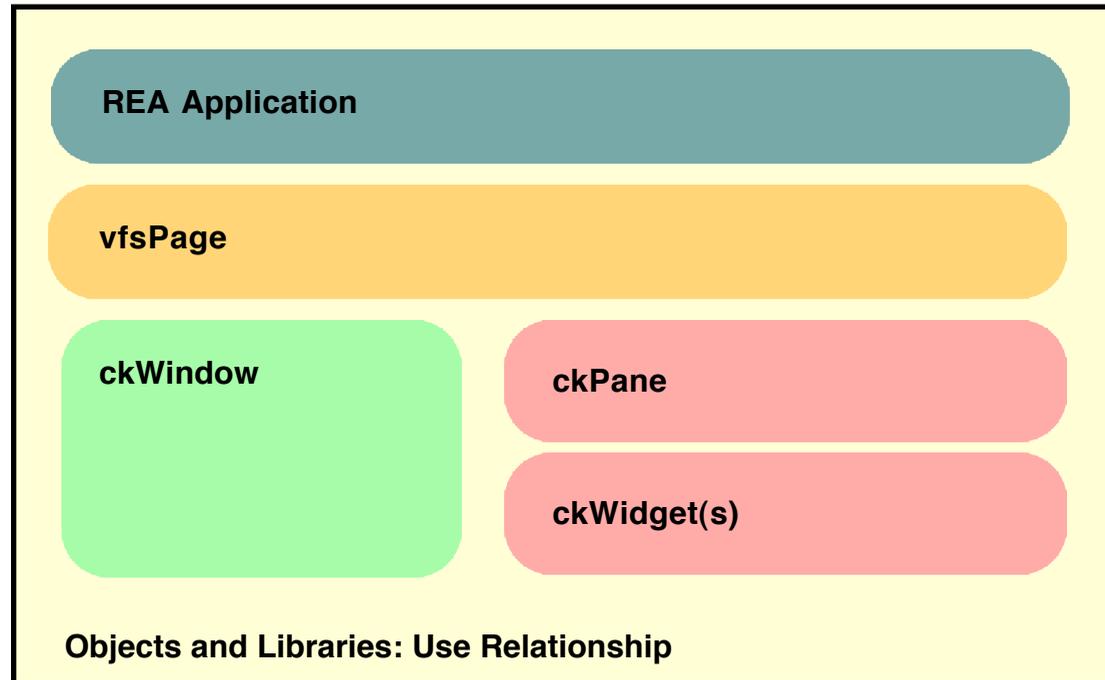
REA CORE COMPONENTS

Database
- ckConnection
- ckDatabase
- ckRecordSet

WebView
- ckWindow
  - ckVFSPage
    - $vfspage
  - ckVFSPageDialog

VFS
- ckvfsFileItem (VFS Lib)
- ckOutputStream
- ckInputStream
- ckSocketStream

ckWidgets v2.0
- ckStyle
- ckUIForm
  - $REAForm
- ckpanelValidation
- ckUIControl
- ckUIPanel
  - ckDataPanel

ckAcademics
- ckEntity
- ckFaculty
- ckDepartment
- ckProfessor
- ckStudent
- ckSClass
  - ckProfessorClass
  - ckStudentClass
- ckAcademic

ColegioID
- ckSysUser
  - $vfsUser
- ckkeyApplication
- ckkeyAppFolder
- ckUserACL

RPC & Legacy Access Layer
- ckRMTL
- ckRPC
  - ckRUMAD_RPC
- ckRUMAD

Export Libs
- ckRTF
- ckExcel
- ckExcel (CSV)

Utilities

ckDate (time.lib)
XML Lib
ckSecurity/Encryption
ckStdAlerts/Not. Lib
ckUserAgent()
ckKey Lib
ckErrors Lib
SMS Lib
ckResponse (ckCGI)
ckRequest   (ckCGI)
ckWiki Lib
ckSurvey
ckJavaScript Lib
ckStrings Lib
ckSocket

Enrollment

Matricula Lib
Evaluo Lib

Horario

horAccess (Horario Lib)
horProfessor
horPeriods
horSection
ckHorMatrix
ckMeetings

Courses

ckSCourse
ckClassLib
ckCurContacto Lib
curContactos
curContacto
curREACurso

Logging & Audit

ckLogger
BaseHandler
DBHandler
AdvDBHandler
EmailHandler
cksysLog()

Applications

ckCalendar
ckEvent
ckEventList
ckForums
ckForumsEntry
ckVCard Lib
ckFinancial Aid Lib
ckGroup

Payment Gateway

- ckckSocketStream
- ckXML
  - ckDebitRefundRequest
  - ckDebitInit
    - ckAuthReq
  - ckSaleComp
  - ckATHSaleComp
- ATM Lib
- CreditCard Lib
- Errors Lib
- ckGateway
  - $gateway
- ckProduct
- ckTransaction
- ckLog
- ckHTMLTemplate
- Payment Lib
- ckPGServer
- ckPGCompletionResponse
- ckPurchaseComplete

Payment Gateway (Cont)

- ckPGClient
- ckSimpleParser
- ckPGPurchaseRequest
- ckPGPurchaseResponse