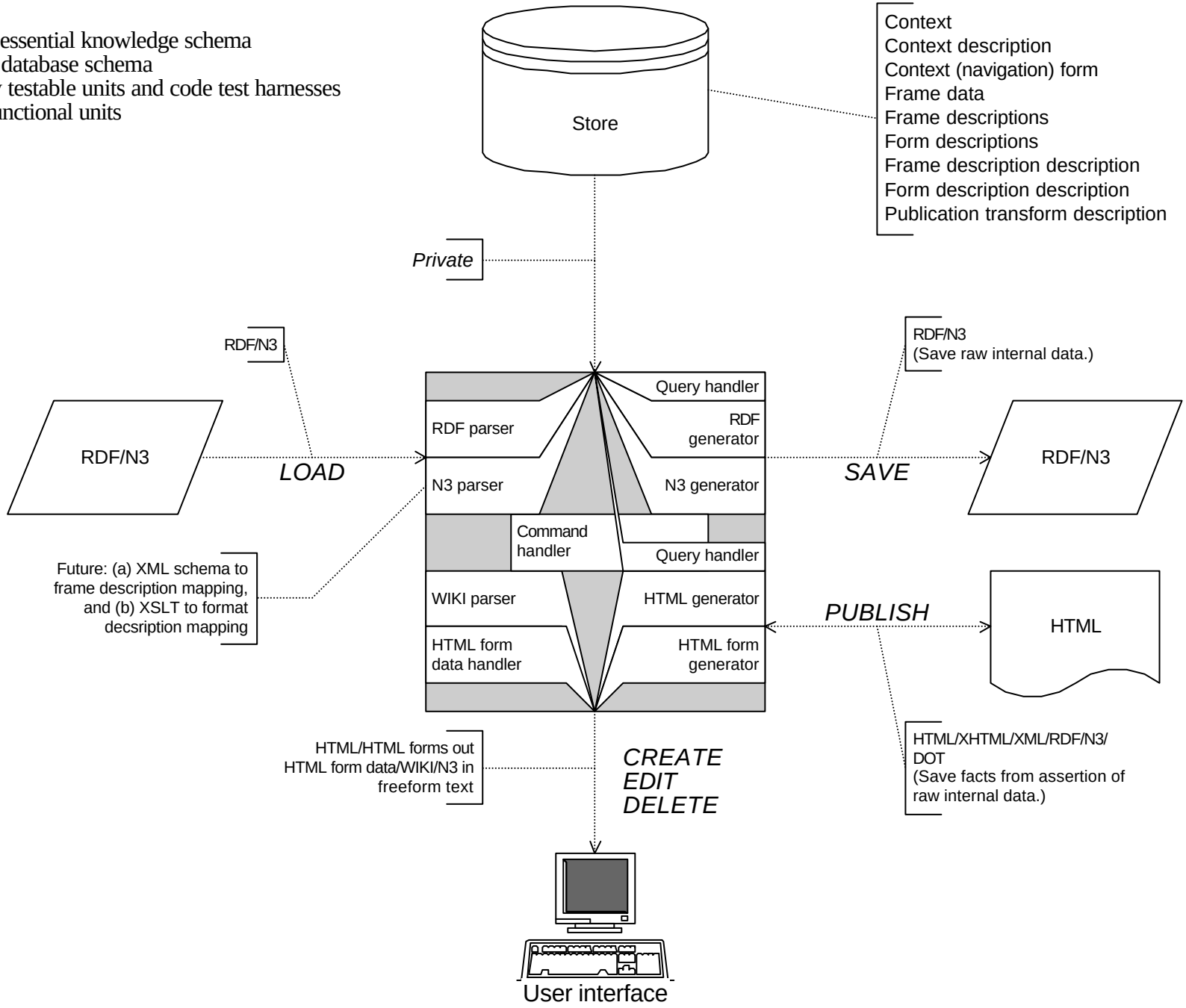
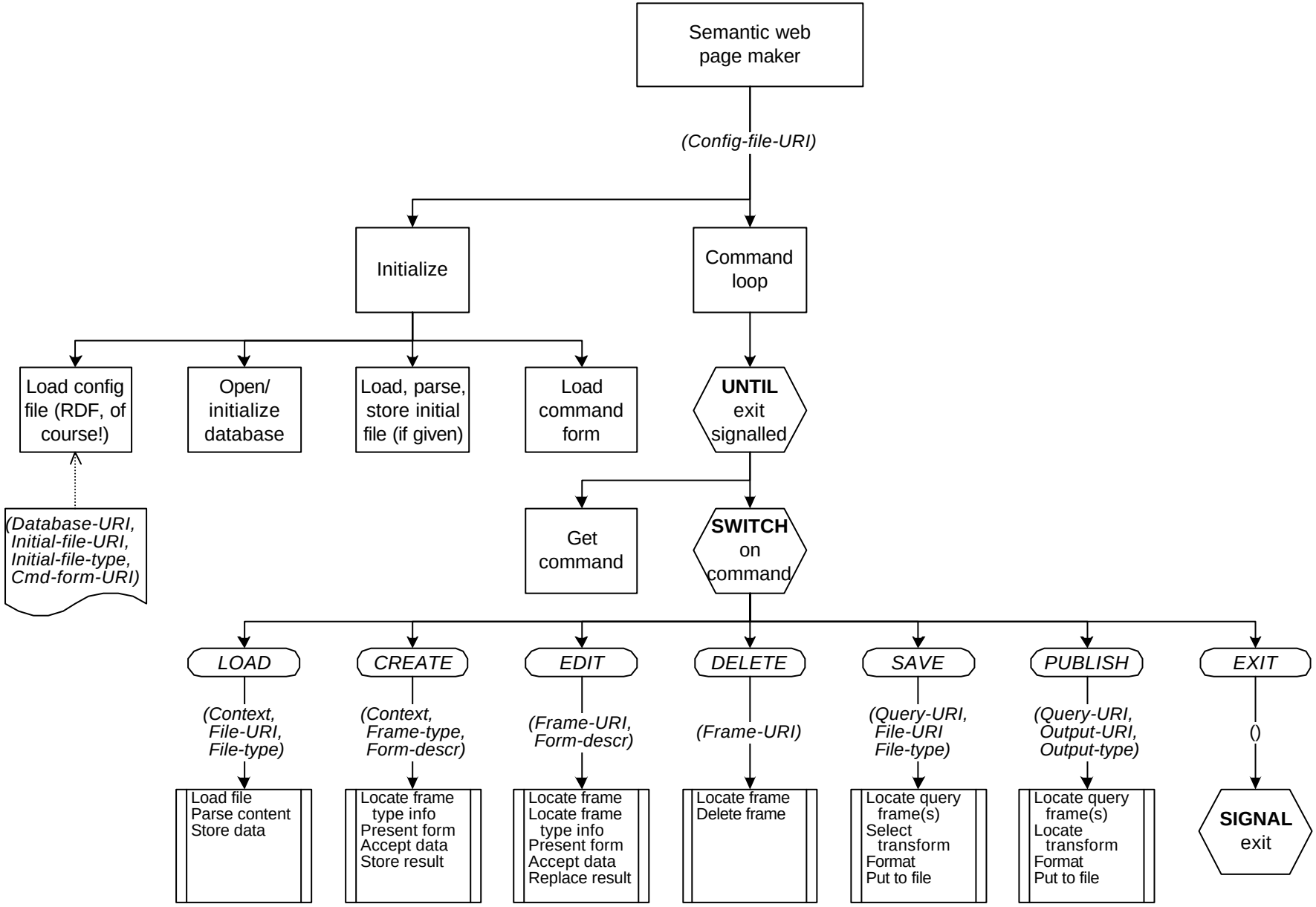
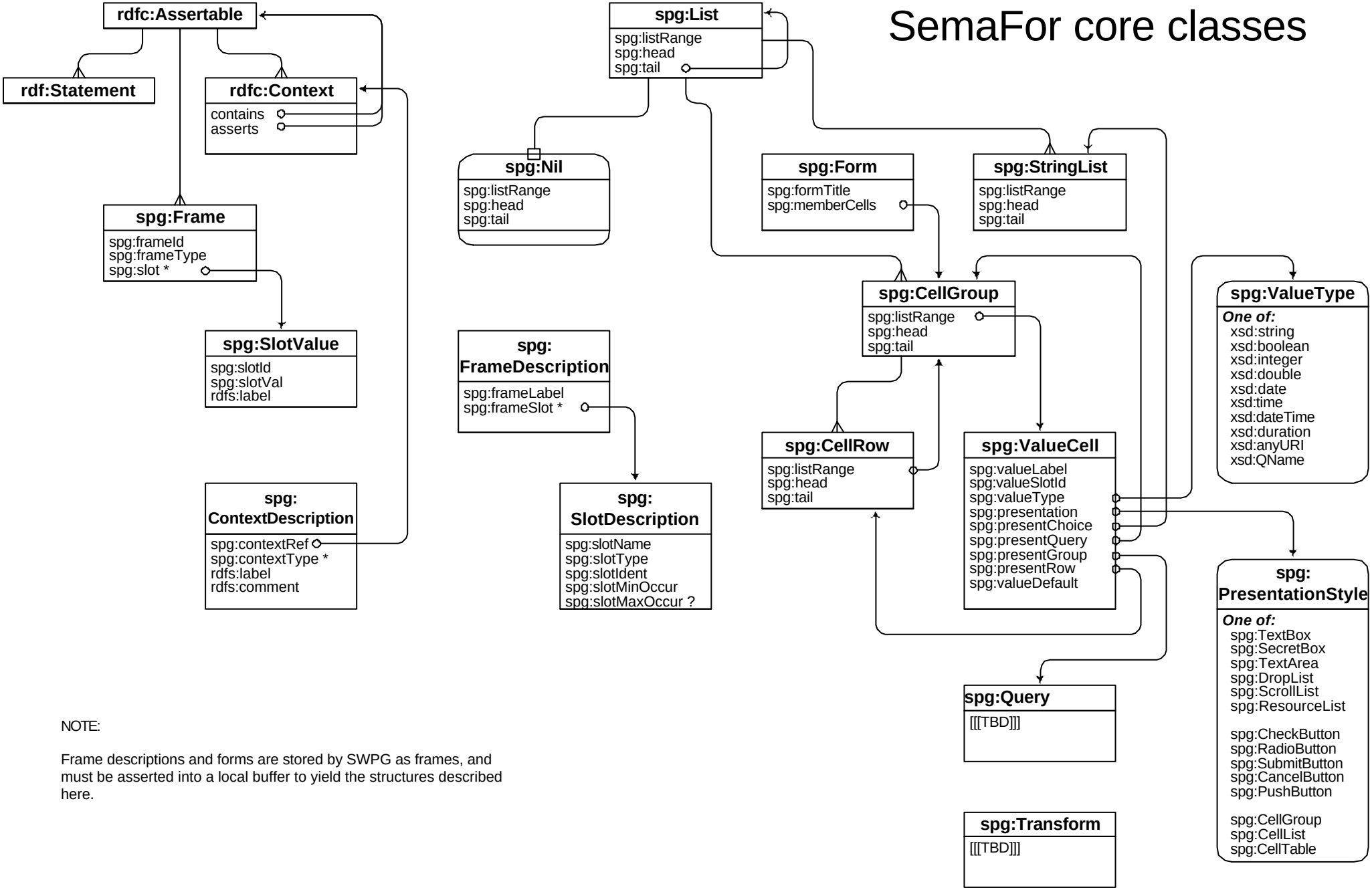
Todo:
- Design essential knowledge schema
- Design database schema
- Identify testable units and code test harnesses
- Code functional units



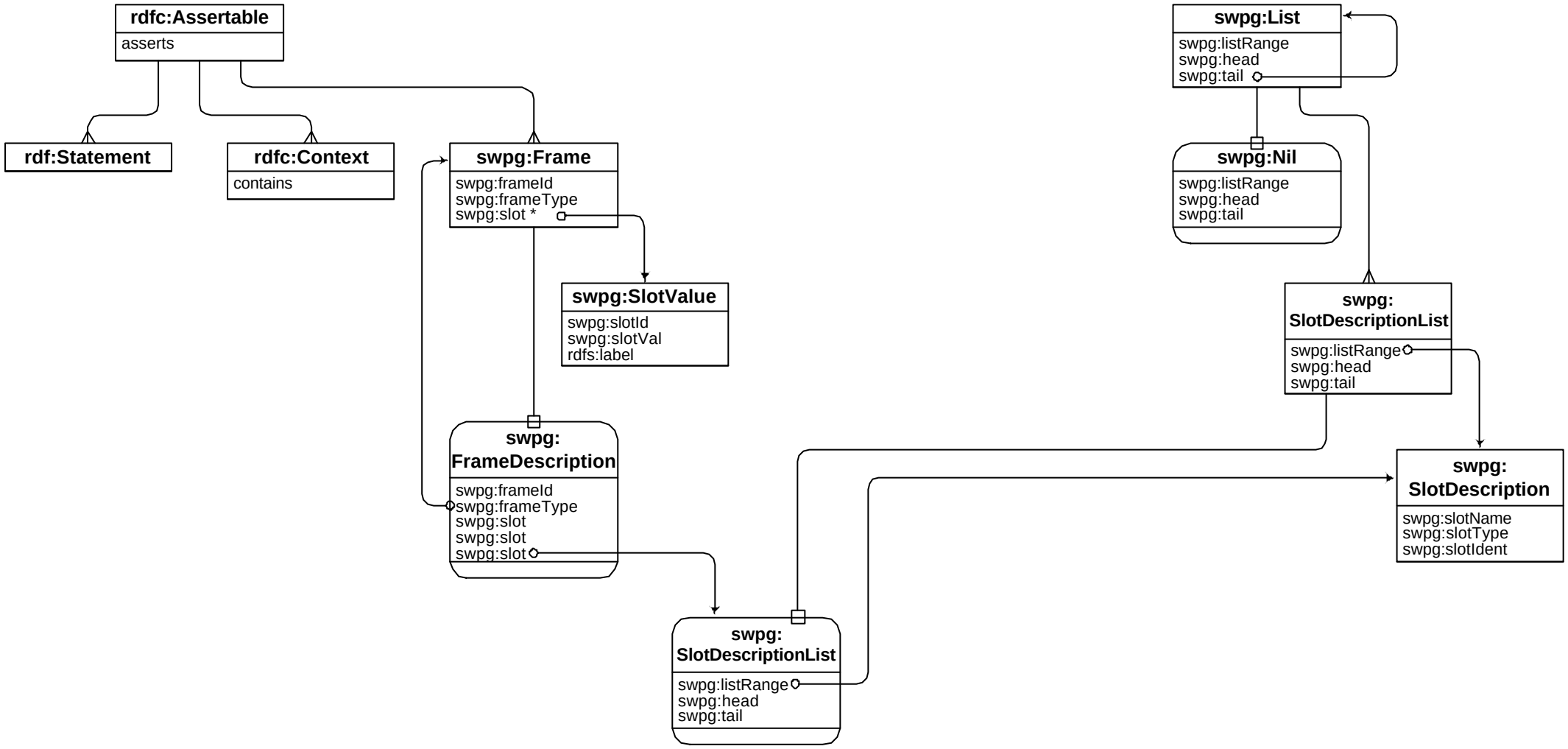

Semantic web page maker
(Config-file-URI)
Initialize
Command loop
Load config file (RDF, of course!)
Open/ initialize database
Load, parse, store initial file (if given)
Load command form
UNTIL exit signalled
(Database-URI, Initial-file-URI, Initial-file-type, Cmd-form-URI)
Get command
SWITCH on command
LOAD
CREATE
EDIT
DELETE
SAVE
PUBLISH
EXIT
(Context, File-URI, File-type)
(Context, Frame-type, Form-descr)
(Frame-URI, Form-descr)
(Frame-URI)
(Query-URI, File-URI File-type)
(Query-URI, Output-URI, Output-type)
()
Load file
Parse content
Store data
Locate frame
type info
Present form
Accept data
Store result
Locate frame
Locate frame
type info
Present form
Accept data
Replace result
Locate frame
Delete frame
Locate query
frame(s)
Select
transform
Format
Put to file
Locate query
frame(s)
Locate
transform
Format
Put to file
SIGNAL exit

SemaFor core classes



NOTE:

Frame descriptions and forms are stored by SWPG as frames, and must be asserted into a local buffer to yield the structures described here.


rdfc:Assertable
asserts
rdf:Statement
rdfc:Context
contains
swpg:Frame
swpg:frameId
swpg:frameType
swpg:slot *
swpg:SlotValue
swpg:slotId
swpg:slotVal
rdfs:label
swpg:
FrameDescription
swpg:frameId
swpg:frameType
swpg:slot
swpg:slot
swpg:slot
swpg:
SlotDescriptionList
swpg:listRange
swpg:head
swpg:tail
swpg:List
swpg:listRange
swpg:head
swpg:tail
swpg:Nil
swpg:listRange
swpg:head
swpg:tail
swpg:
SlotDescriptionList
swpg:listRange
swpg:head
swpg:tail
swpg:
SlotDescription
swpg:slotName
swpg:slotType
swpg:slotIdent