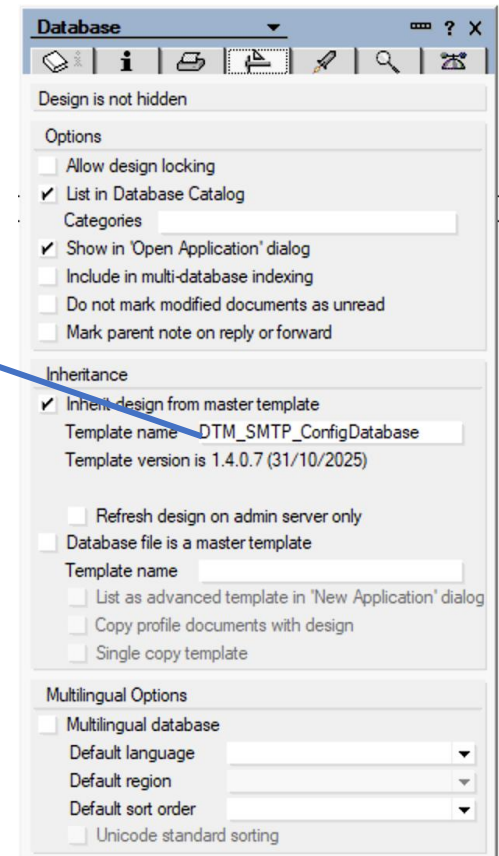
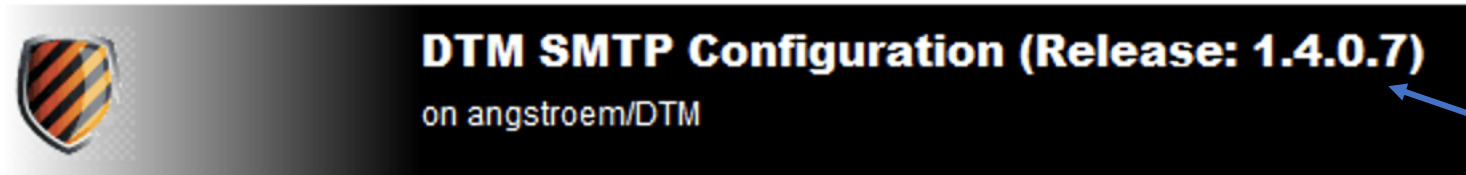


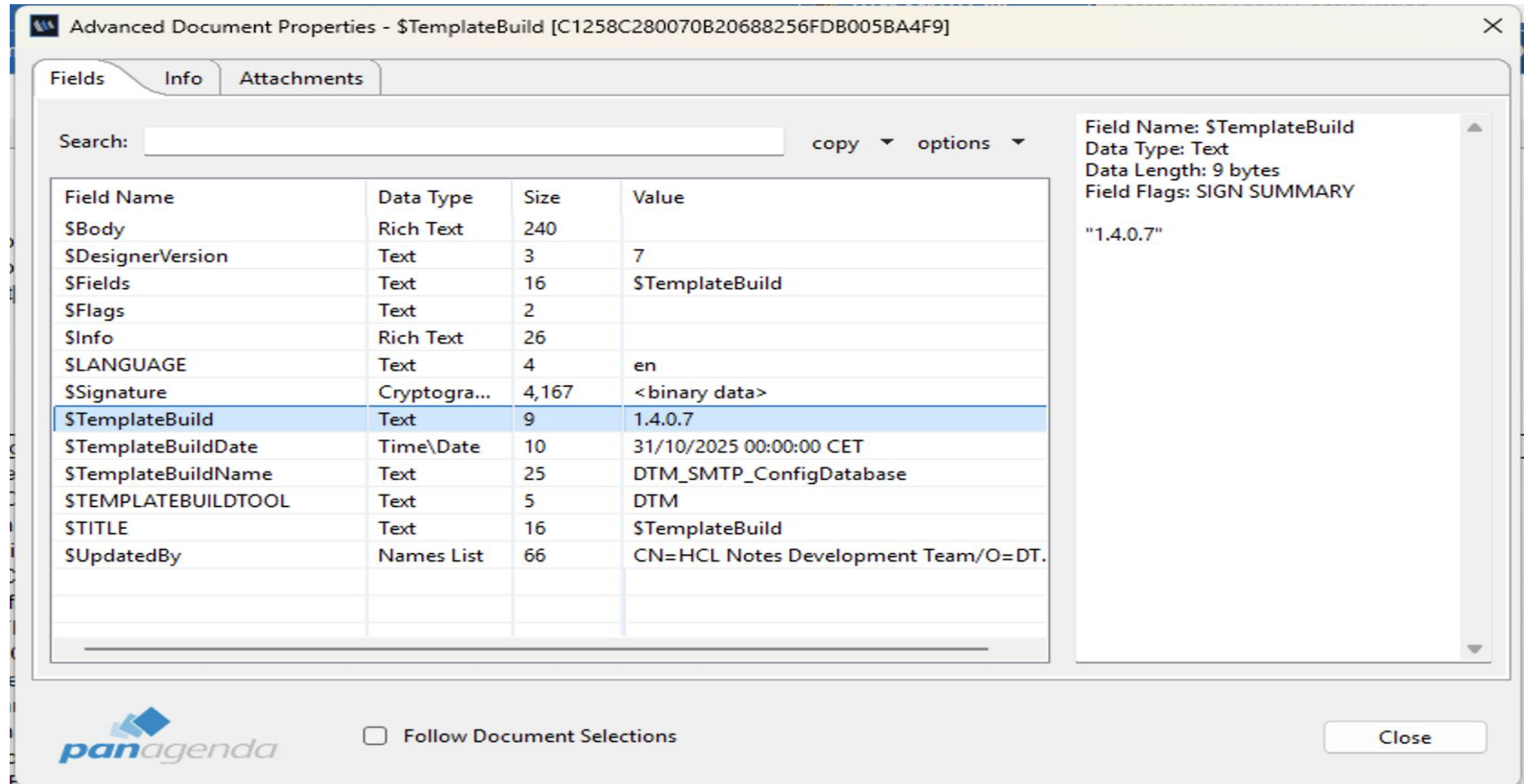
# Displaying the version of a HCL application



# First of all: \$TemplateBuild shared field

- Lazy: copy the field from one of the HCL official templates in your application (You will be able to modify the values with LotusScript/Java or Formula)
- Better: develop a small LS code in a HCL Notes database (Google is your friend, if you do not find one, contact me, it is free)

# The \$TemplateBuild shared field Items



Advanced Document Properties - \$TemplateBuild [C1258C280070B20688256FDB005BA4F9]


Fields Info Attachments

Search:  copy options

Field Name	Data Type	Size	Value
SBody	Rich Text	240	
SDesignerVersion	Text	3	7
SFields	Text	16	\$TemplateBuild
SFlags	Text	2	
SInfo	Rich Text	26	
SLANGUAGE	Text	4	en
SSignature	Cryptogra...	4,167	<binary data>
<b>\$TemplateBuild</b>	<b>Text</b>	<b>9</b>	<b>1.4.0.7</b>
\$TemplateBuildDate	Time\Date	10	31/10/2025 00:00:00 CET
\$TemplateBuildName	Text	25	DTM_SMTP_ConfigDatabase
STEMPLATEBUILDTOOL	Text	5	DTM
STITLE	Text	16	\$TemplateBuild
SUpdatedBy	Names List	66	CN=HCL Notes Development Team/O=DT.

Field Name: \$TemplateBuild  
Data Type: Text  
Data Length: 9 bytes  
Field Flags: SIGN SUMMARY

"1.4.0.7"

 ☐ Follow Document Selections Close

# Create a 'Design' hidden view

- You can have any formula selection to narrow down design elements in the view
- First column is \$Title field and is sorted (for dblookups)
- \$Flag need to be set to "wY" (see next slide)
- You can then use LS/Java/Formula to get the Design elements as normal Notes documents (which they are internally)

# The (\$Design) View Layout

The screenshot displays the user interface for editing a view in a database application. The top window bar shows two tabs: 'dtm\dtmsmtp\config.nsf - Views' and '\*((\$Design) - View'. The main workspace is divided into a left sidebar and a right pane.

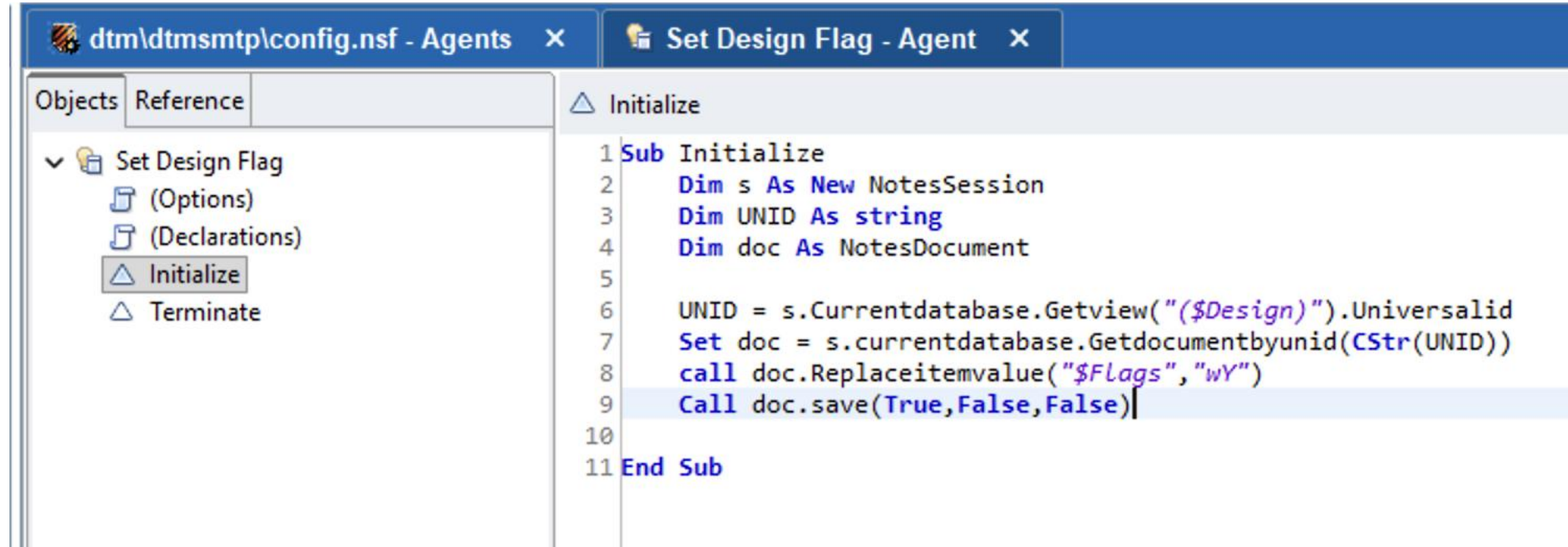
**Left Sidebar:** A tree view under the heading 'Title' lists various components of the view layout, including 'Body', 'BottomFields', 'ConfigDocNav', 'ConfigDocsInfos', 'DTM SMTP Config', 'Main Frameset\fsM', 'Navigation', 'Security', 'WhiteSpace', '\$ACTIONS', '\$DBIcon', '\$TemplateBuild', and several '(Banned...' entries.

**Bottom Left Panel:** Contains two tabs, 'Objects' and 'Reference'. The 'Objects' tab is active, showing a hierarchical tree of the view's components, with 'View Selection' currently selected.

**Bottom Right Panel:** Titled '(\$Design) (View) : View Selection', it features a 'Run' dropdown set to 'Client' and a 'Formula' dropdown. Below these, a text area contains the following SQL query:

```
SELECT @IsAvailable($Title) & !(@Contains($Title;"WEB-INF") | @Contains($Title;"."))|
```

# Agent Code to Change \$Flags of a (\$Design) view (sample)



The screenshot shows the Lotus Notes Agent Editor interface. The title bar indicates the current document is 'dtm\dtmsmtp\config.nsf - Agents' and the active agent is 'Set Design Flag - Agent'. On the left, the 'Objects' pane shows the agent's structure: 'Set Design Flag' (expanded), containing '(Options)', '(Declarations)', 'Initialize' (selected), and 'Terminate'. The main editor area displays the code for the 'Initialize' event. The code is as follows:

```
1 Sub Initialize
2   Dim s As New NotesSession
3   Dim UNID As string
4   Dim doc As NotesDocument
5
6   UNID = s.Currentdatabase.Getview("($Design)").Universalid
7   Set doc = s.currentdatabase.Getdocumentbyunid(CStr(UNID))
8   call doc.Replaceitemvalue("$Flags","wY")
9   Call doc.save(True,False,False)
10
11 End Sub
```

# Result of the Agent Run, \$Flags is cortrectly set

The screenshot displays a software interface with a top navigation bar containing four tabs: 'Properties', 'Events', 'Problems', and 'Search'. Below this is a sidebar with a tree view containing 'Info', 'Fields', 'Design', and 'Document Ids'. The 'Fields' section is expanded, showing a list of fields. The field '\$Flags' is selected and highlighted in blue. To the right of the field list, a detailed view for the selected field is shown, displaying the following information:

- Field Name: \$Flags
- Data Type: Text
- Data Length: 2 bytes
- Seq Num: 18
- Dup Item ID: 0
- Field Flags: SUMMARY
- "wY"

# View Usage (Sample in a Form or Subform or Page, etc.)

The screenshot displays the IBM Notes client interface. At the top, there are two tabs: "dtm\dtmsmtp\config.nsf - Views" and "(Application Header) - Form". Below the tabs, a small icon of a shield with orange and black stripes is visible. The main area of the form is black, and a text field labeled "SaveOptions" is visible. Below the text field, the text "<Computed Value>" is displayed, followed by "<Computed Value>".

At the bottom of the screen, there is a panel titled "Objects" and "Reference". The "Objects" tab is selected, showing a list of objects: "onReset", "onSubmit", "(Options)", "(Declarations)", "Queryopen", "Postopen", "Querymodechange", "Postmodechange", and "Queryrecalc".

To the right of the "Objects" panel, there is a section titled "Computed Text : Value". It contains a dropdown menu set to "Run" and another dropdown menu set to "Client". Below these, the text "Formula" is displayed. The formula being shown is:

```
Version := @DbLookup("Notes":"Nocache";@DbName;"($Design)";"$TemplateBuild";"$TemplateBuild";  
[FailSilent] );  
@DbTitle + " (Release: " + Version + ")"
```