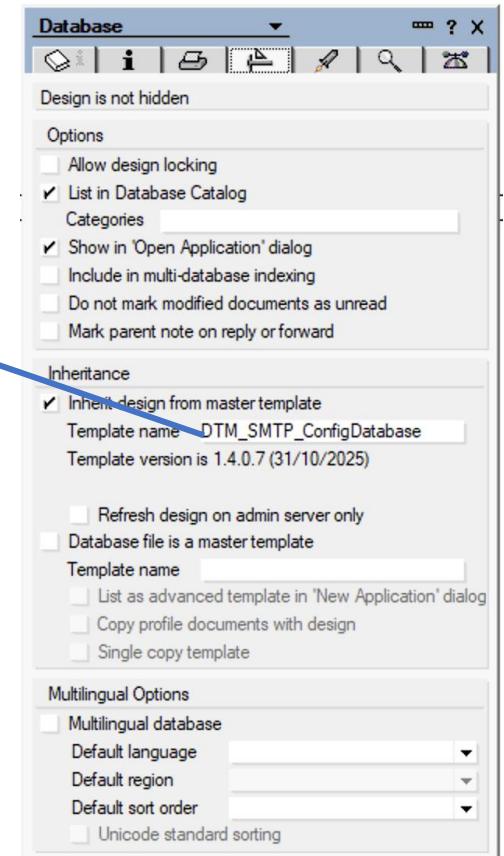


Displaying the version of a HCL application



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] X

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> |
| \$TemplateBuild | Text | 9 | 1.4.0.7 |
| \$TemplateBuildDate | Time\Date | 10 | 31/10/2025 00:00:00 CET |
| \$TemplateBuildName | Text | 25 | DTM_SSMTP_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"

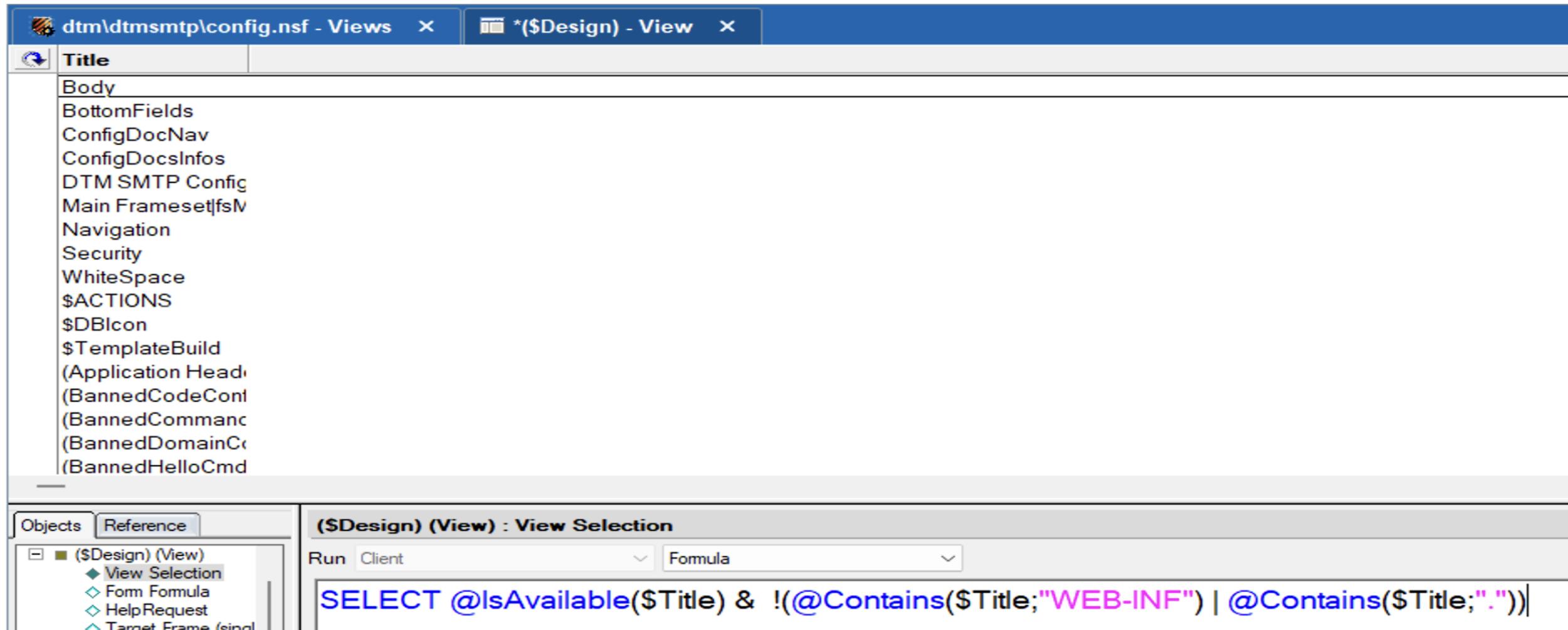
Follow Document Selections Close

 panagenda

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 dlookups)
- \$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)

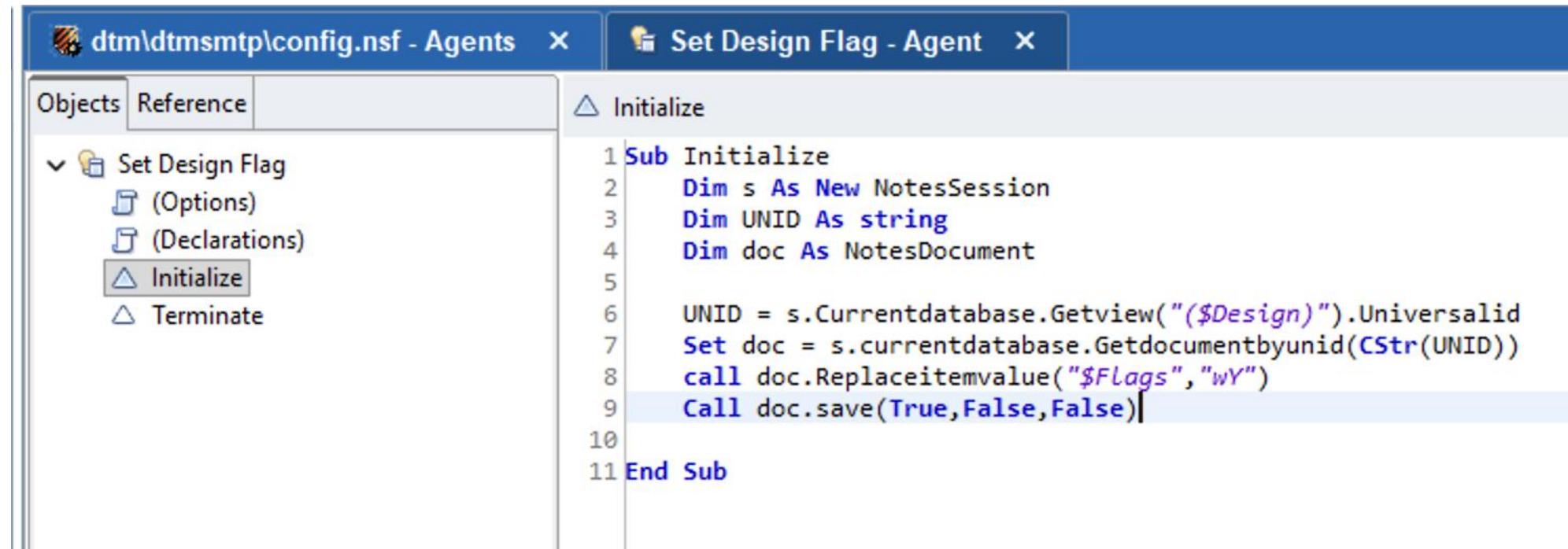
The (\$Design) View Layout



The screenshot shows the IBM Notes client interface with the following details:

- Views Tab:** The tab bar shows "dtm\dtmsmtp\config.nsf - Views" and the active tab is "*(\\$Design) - View".
- Design View Content:** The main pane displays the layout structure of the (\$Design) view, including sections like "Title", "Body", and various configuration fields.
- View Selection Formula:** In the bottom right, the formula for the "View Selection" is shown: `SELECT @IsAvailable($Title) & !(@Contains($Title;"WEB-INF") | @Contains($Title;"."))`.
- Object List:** The bottom left pane shows the object list with "(\\$Design) (View)" selected.

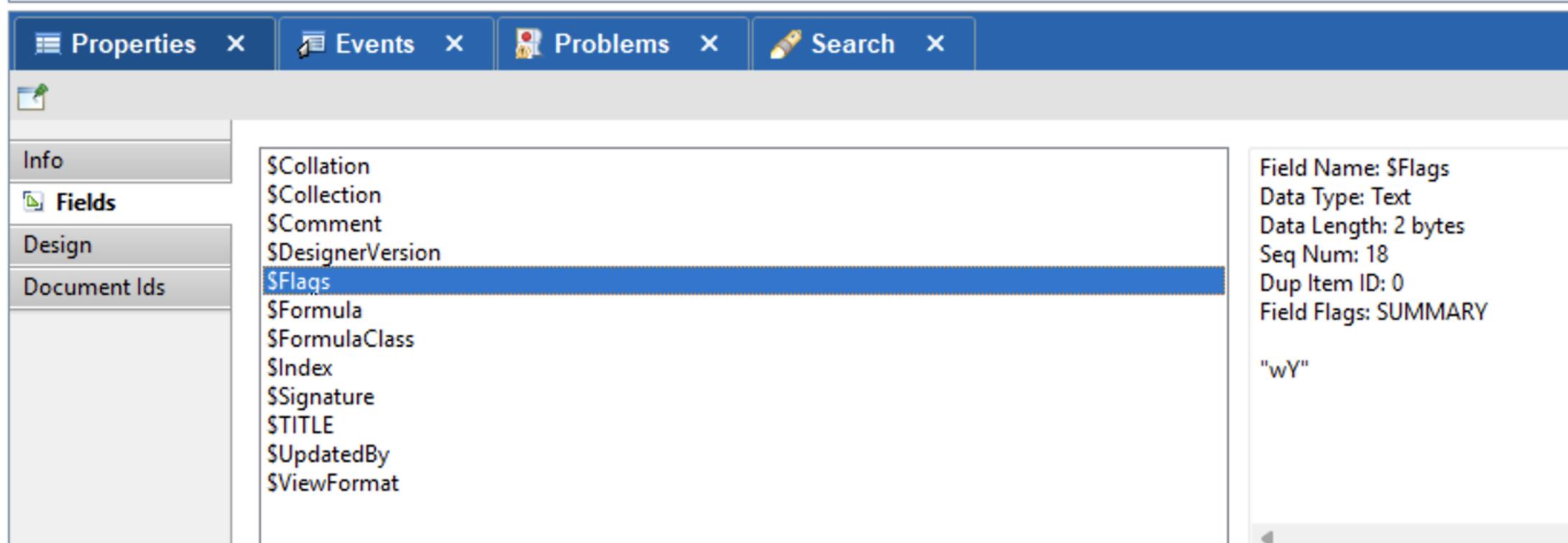
Agent Code to Change \$Flags of a (\$Design) view (sample)



The screenshot shows the IBM Notes Designer interface with an agent named "Set Design Flag - Agent". The code editor displays the following VBA code:

```
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 correctly set

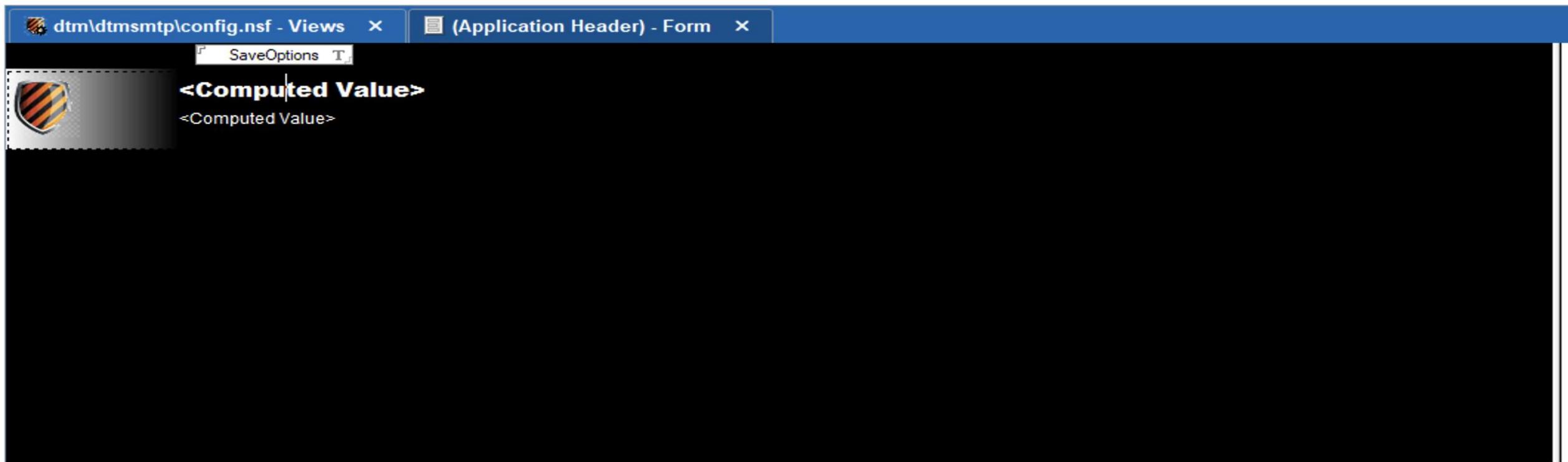


The screenshot shows a software interface with a toolbar at the top and a properties panel on the left. The properties panel has tabs for Info, Fields (which is selected), Design, and Document Ids. The main area displays a list of fields: \$Collation, \$Collection, \$Comment, \$DesignerVersion, \$Flags (which is highlighted with a blue selection bar), \$Formula, \$FormulaClass, \$Index, \$Signature, \$TITLE, \$UpdatedBy, and \$ViewFormat. To the right of the list, detailed information about the \$Flags field is shown in a box:

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

The value for the \$Flags field is listed as "wY".

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



The screenshot shows a Notes application window with two open views. The top view is titled '(Application Header) - Form' and contains a single row with a shield icon and the text '<Computed Value>'. The bottom view is titled 'dtm\dtmsmtp\config.nsf - Views' and is currently selected. It shows a list of computed text values. The first item in the list is 'Computed Text : Value' with the formula:

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

The left sidebar shows a list of object types: onReset, onSubmit, (Options), (Declarations), Queryopen, Postopen, Querymodechange, Postmodechange, and Querystorecalc.