



Uniface 9.6 +

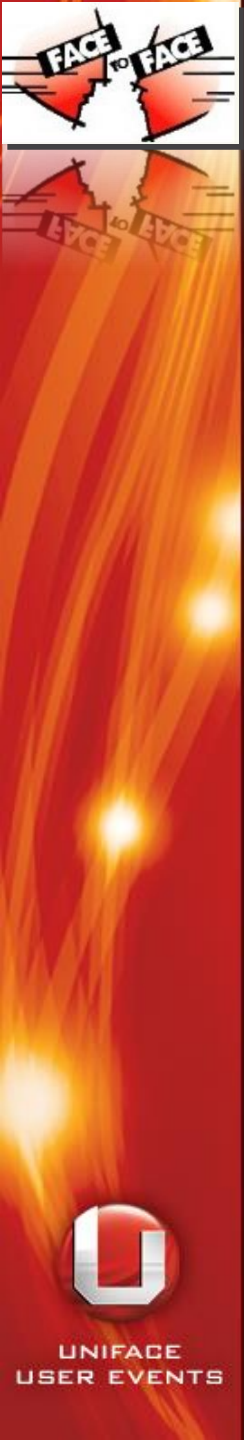
Berry Kuijer Saat
Uniface Solution Consultant

November 2013



Agenda





Features Uniface 9.6.02/03

Struct as parameter

Structs can be passed as parameters:

- By reference (Default: partner operations and entries)
- By value (Default: public operations)
- Behavior can be changed during declaration
 - By reference only works with local instances

“Null” is represented as a collection of zero references





Features Uniface 9.6. 02/03

Startup Shell

- Hide Message Line
 - Dynamic via proc code
- Remove scroll bars (ini file setting)

[application]

```
shell=ushell(scrollbars=off)
```





Features Uniface 9.6. 02/03

HTML5-Container

- Javascript type parameters in JS call
- \$widgetoperation parameters mapped and translated to a JavaScript data type

Uniface

Boolean
Date
DateTime
Float
Image
Numeric
Raw
String
Time
XmlStream

JavaScript

Boolean
Date
Date (local time)
Number
base64 encoded string
Number
base64 encoded string
String
Date but only time part set
String

- JavaScript Debugger ctrl-shift-i





Features Uniface 9.6. 02/03

\$fieldproperties attach

- HMOVE,VMOVE,HSIZE,VSIZ

Form Container and Tabex resize event

- extended Trigger

```
trigger Resized
params
    numeric widthPx      : in
    numeric heightPx     : in
endparams

<your code>

end ; trigger Resized
```





Features Uniface 9.6. 02/03

Unicode Support

- Drivers
 - TXT
 - DB2 also supports pagination
 - UHTTP





Features Uniface 9.6. 02

GUI

- Message line hiding
- Padding around labels
- Specify margin size around attached widgets
- Checkbox supports attach and transparency
- Radio group supports transparency
- Active Tab Line Color property for Extended Tab
(Introduced to highlight tabs without images)

Web

- `uniface.DSPInstance` renamed to `uniface.instance`, old name remains for compatibility



Features Uniface 9.6. 03

GUI

- Radio group supports attach and attach margin
- Form container and EX Tab new on resize extended trigger
- DB2 supports paging

Web

- USP enhanced so that labels can be bound to fields
- USP XHTML attributes to generate ids + supported assignment file settings





Features Uniface 9.6.03

X301

Currency

- Oracle: 1000 fields per table (before 254) - X301

\$signatureproperties

- dynamically set the endpoint URL of a web service





New features Uniface
9.6. 02/03

Planned For Uniface
9.6. 04+



Features Uniface 9.6. 04

New proc instructions

- STRUCTTOJSON
- JSONTOSTRUCT

subswitches

<none> - output formatted for easier reading

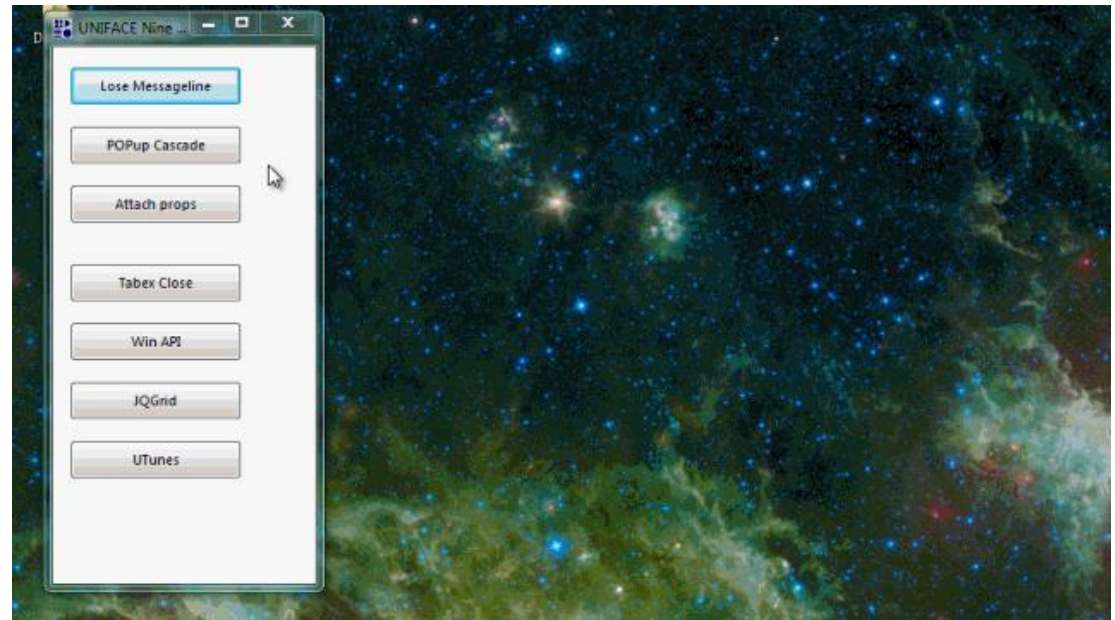
/nowhitespace - condenses output

/bmp - characters outside of the Unicode BMP
(Basic Multilingual Plane) range are escaped



Features Uniface 9.6. 04

POPUP Form cascade





Features Uniface 9.6. 04/0x

Close option on extended TAB

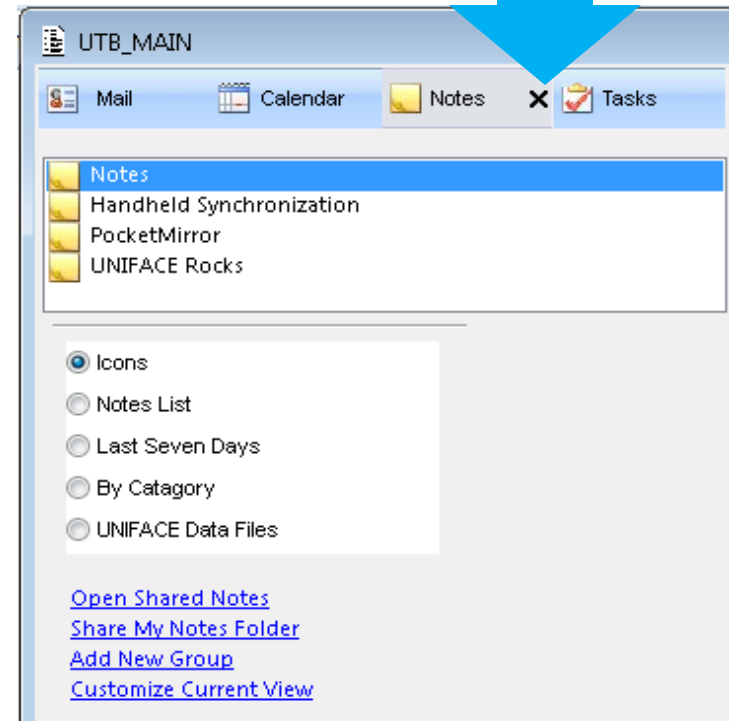
Set via `$FIELDPROPERTIES(UTAB) = "Closebutton=True"`

Extended trigger fired when clicked

```
trigger onCloseTab
params
  string forinstancename :in
Endparams

...
vcurrvalrep=$valrep(utb)
delitem/id vcurrvalrep, forinstancename
getitem vfirst, vcurrvalrep, 1
utb=$idpart(vfirst)
deleteinstance forinstancename
$valrep(utb)=vcurrvalrep
....

end ; trigger onCloseTab"
```





Features Uniface 9.6. 04/0x

Editbox OnChar extended trigger

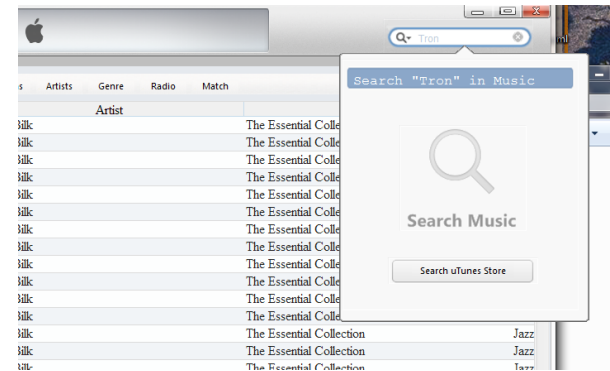
- Speed Search
- Fired each time a key is pressed
- Contents of field passed to trigger
- Enabled via INI setting

SearchEditBox=ueditbox(font=editfont;extendedtriggers=true)

```
; -- start triggers for editbox widget
trigger onChar

    params
        string szValue: in
    endparams

end ; trigger onChar
```





Features Uniface 9.6. 04/0x

- Release planned for Dec 18th (MX03)
- Mainly currency:
 - Oracle 12c (also 9.5)
 - Windows 8.1 update (also 9.5)
 - Windows 2012 R2 update (also 9.5)
 - UnifaceFlow Windows 8.1, 2012r2, MS SQL2012
 - Db2 10.5
 - Db2 pagination
 - Windows Mobile v5
 - MS SQL for Linux

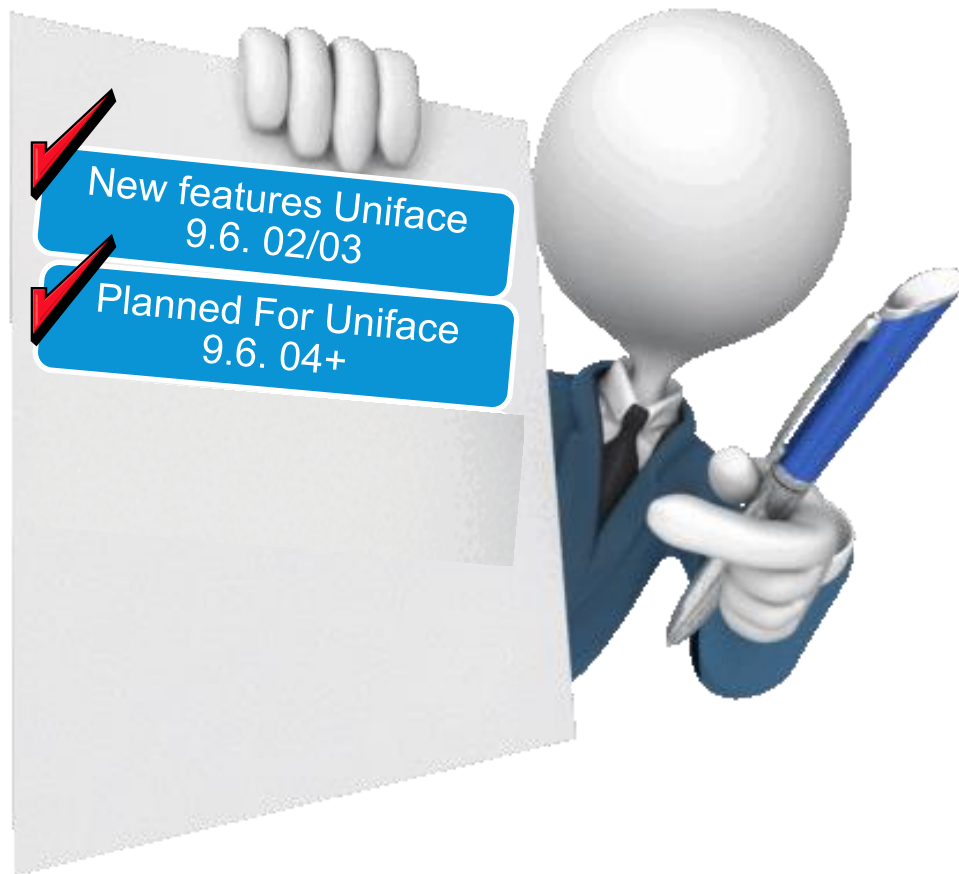




Windows 8.1 vs Windows 8.0

- Windows 8.1 maintenance delivered October
- Uniface treats it as a different OS to Windows 8.0
 - MS Function we call to check the version is different.
- Uniface needs to be enabled to run on Windows 8.1
 - Uniface 9.6 will be enabled with Uniface 9.6.04/MX03 (December 2013)
 - Uniface 9.5 enabled with E121 (delivered Nov 11th)
 - Uniface 9.4 will be enabled with R136 (January 2014)
 - Uniface 9.3 will be enabled with P233 (January 2014)
 - *Uniface 9.3 and 9.4 are **unsupported**, we are simply enabling Windows 8.1*
- Windows 8.1 on earlier versions of Uniface 9.6, can be delivered in a customer-specific q-patch.





to be continued...

Thanks



UNIFACE USER EVENTS

UNIFACE 9.6

UNIFACE 10

MODERNIZATION