Uniface HTML5 Widget

Field widget for Uniface C/S form

Enables to embed HTML5 based objects/page in a Uniface form

Renders HTML5 (incl. CSS and JavaScript)

Seamless interconnection/interaction as part of Uniface application

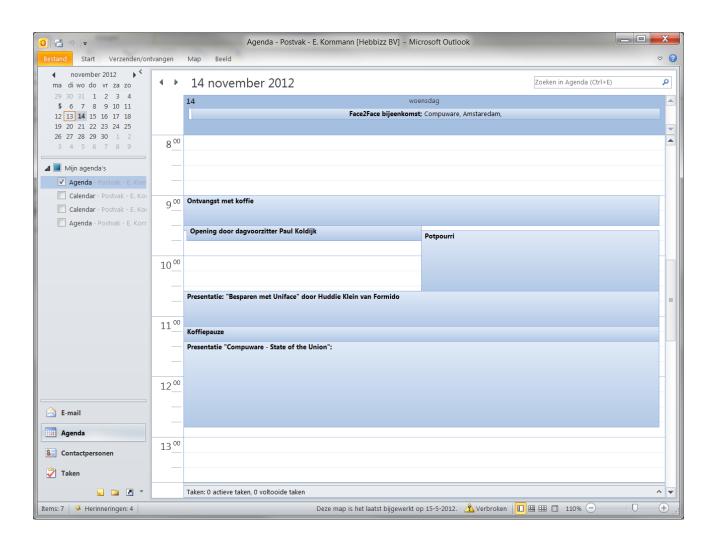
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WISIWISH

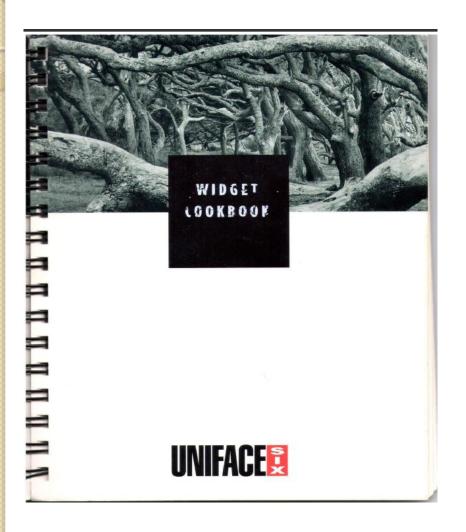
What I see is what I shall have

- But as a Uniface widget
- Availability of the source code
- Free source code to share in group
- Community project

MS Outlook Calendar as example



Where NOT to start ...



Widget Cookbook

UNIFACE V6.1

10200006100 Revision 0 15 November 1994 WCB

What NOT to use ..



Search the web for examples

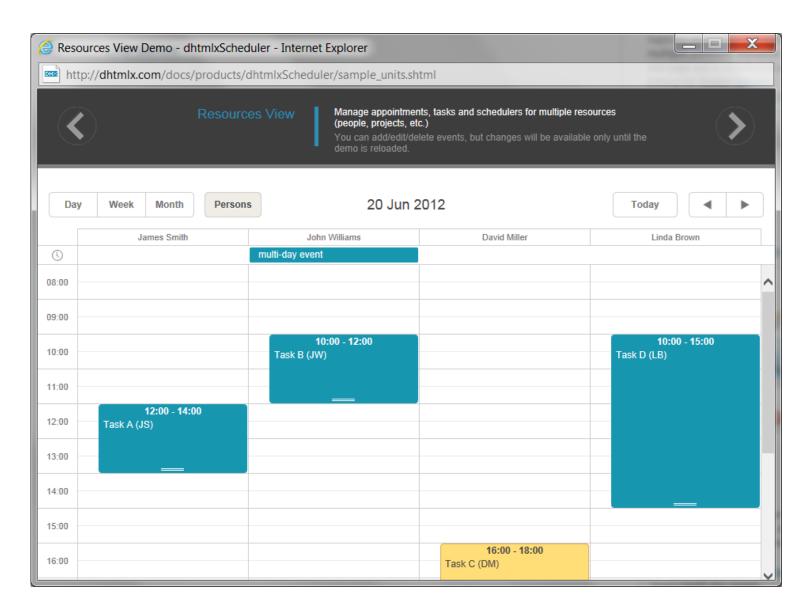
Scheduler / Calendar examples

HTML5, Javascript and CSS based

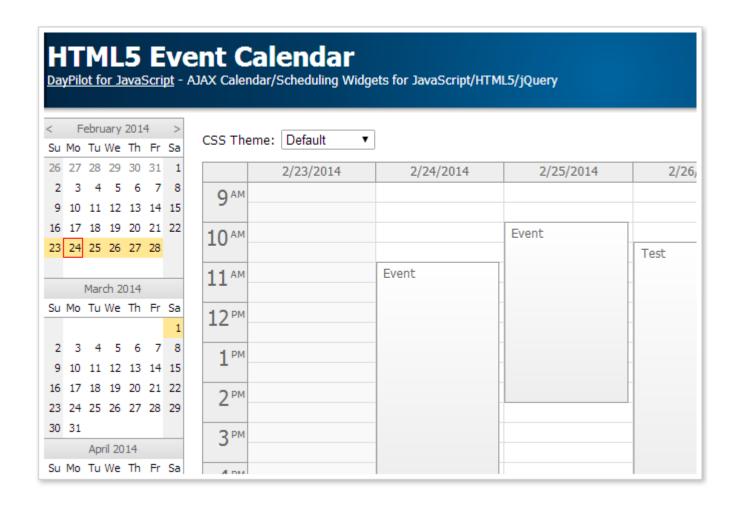
Open source

Well documented

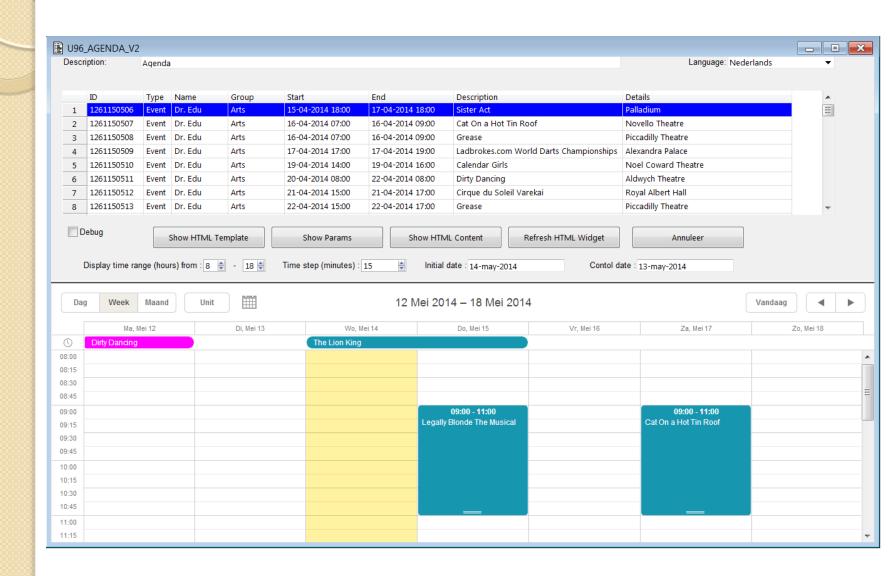
Found: dhtmlx scheduler



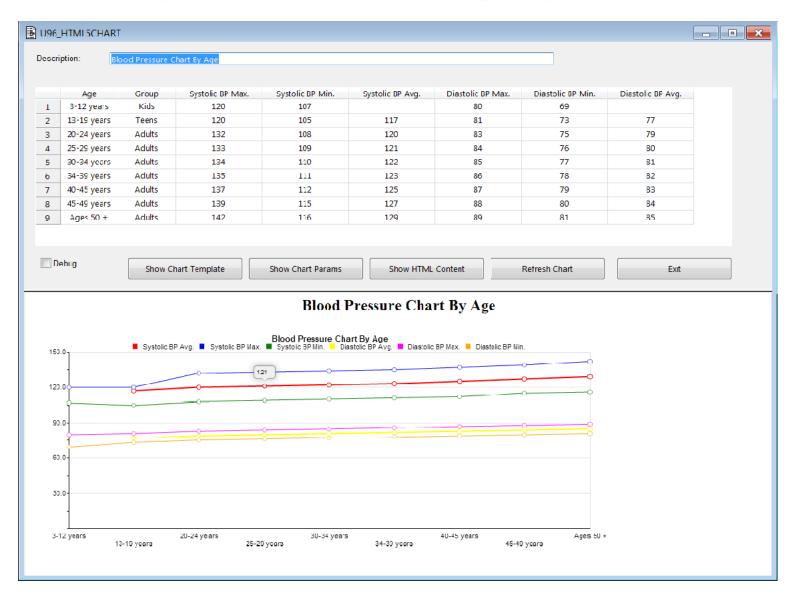
Found: DayPilot Event Calendar



Example: Uniface/Dhtmlx scheduler



Example: Uniface/Rgraph chart



Download the sources

Decide how to use the sources:

File based using references in HTML code

- ../html/u96_scheduler_template.html
- <script src="../script/scheduler_abc.js"</script>
- link rel="stylesheet" href="../css/scheduler_abc.css">

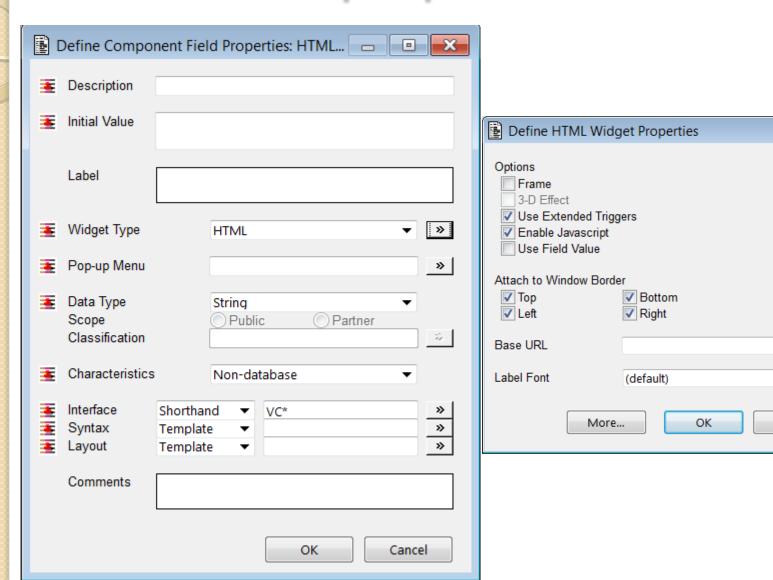
No file references: Embed the Javascript en CSS source in the HTML5 code

- Scheduler_abc.js as include proc in SCHEDULER_JS:abc
- Scheduler_abc.css as include proc in SCHEDULER_CSS:abc
- Scheduler_template.html as \$blockdata element in sourcecode

Form design: u96_agenda_v2

■ U96_AGENDA_V2	
Description: DESCR	Language: LANGUAGE ▼
ID AGENTYPE USER ID AGENDA GROUP ID AGENDA START DATETIME AGENDA END DATETIME AGENDA TEXTAGENDA ID. TYPE USER ID. GROUP ID. START DATETIME END DATETIME TEXT	DETAILS AGENDA DETAILS
data grid widget	
Show HTML Template Show Params Show HTML Content Refresh HTML Widget Display time range (hours) from: 8 Time step (minutes): 15 Initial date: INITDATE Contol date: CON	Annuleer
HTML widget	y
HTML content rendered	
<u> </u>	
	-

HTML field properties



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Cancel

Service: u96_html5agenda

operation get_html5Content params

```
string p Params : IN
```

string p_templateName : IN

string p html5Template : OUT

string p html5Content : OUT

Endparams

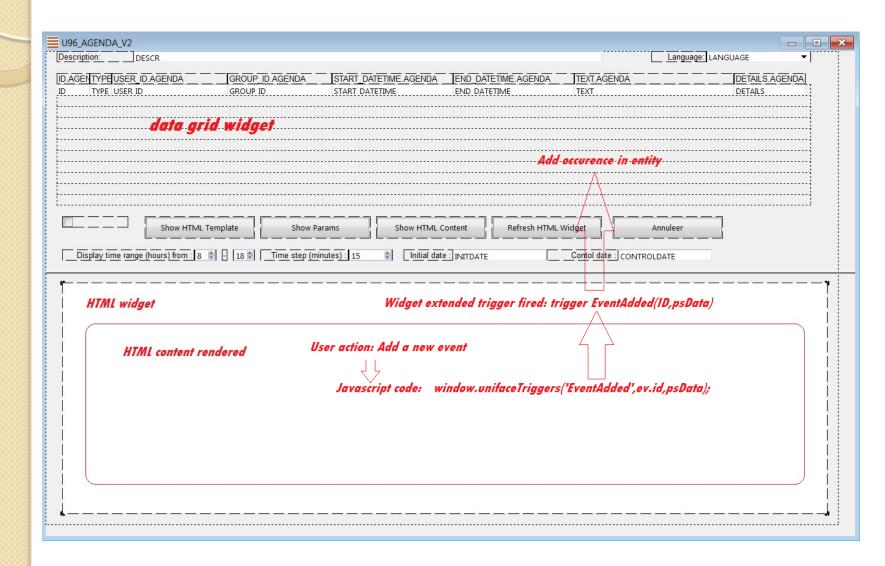
p_html5Content = html5Template + Javascript
code + stylesheet + collected data

Populate the HTML widget

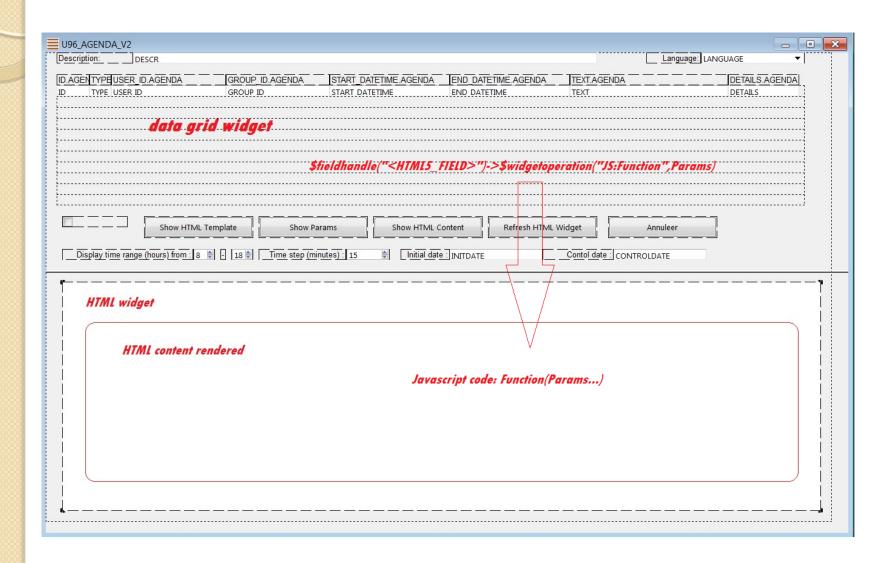
■ U96_AGENDA_V2		_ • ×
Description: Description:	Language: LANGUAGE	▼ '
ID.AGENTYPEUSER_ID.AGENDA GROUP_ID.AGENDA ISTART_DATETIME.AGENDA END_DATETIME.AGENDA TEXT.AGENDA	DETAILS.AGE	NDA
ID TYPE USER ID GROUP ID GROUP ID START DATETIME END DATETIME TEXT	DETAILS	INDA
data grid widget		
u96_html5Agenda.get_html5Content(\$htmlContent\$)		

\$fieldhandle(" <html5_fteld>")->\$widgetoperation("loadHTML", \$htmlContent\$)</html5_fteld>		
Show HTML Template Show Params Show HTML Content Refresh HTML Widget	Annuleer	
Display time range (hours) from: 8 🗐 - 18 🗐 Time step (minutes): 15 🔘 Initial date: INITDATE Contol date: CONTON CONTON	NTROLDATE	
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HTML widget		
HTML content rendered		
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Widget to Uniface interaction



Uniface to Widget interaction



UNIFACE HTML5 widget

Demo

UNIFACE HTML5 widget

Questions?