

Oracle Forms Look and Feel projekt

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3. Pregled funkcionalnosti
4. Način implementacije
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SADRŽAJ

Client/server

- Tradicionalni pristup
- Teški klijent
- Logika i prikaz u istoj datoteci
- Oracle Forms

Web

- Moderni pristup
- Web browser
- Razdvojenost sadržaja i prikaza
- HTML, XML, CSS, Java

Client/server vs Web

- Open source projekt
- Dodaje mogućnost naprednog podešavanja layouta forme po uzoru na web
- Vanjska CSS datoteka
- Značajna proširenja funkcionalnosti Oracle Formsa na području vizualnog izgleda
- JavaBeans
- Pluggable Java Components (PJC)

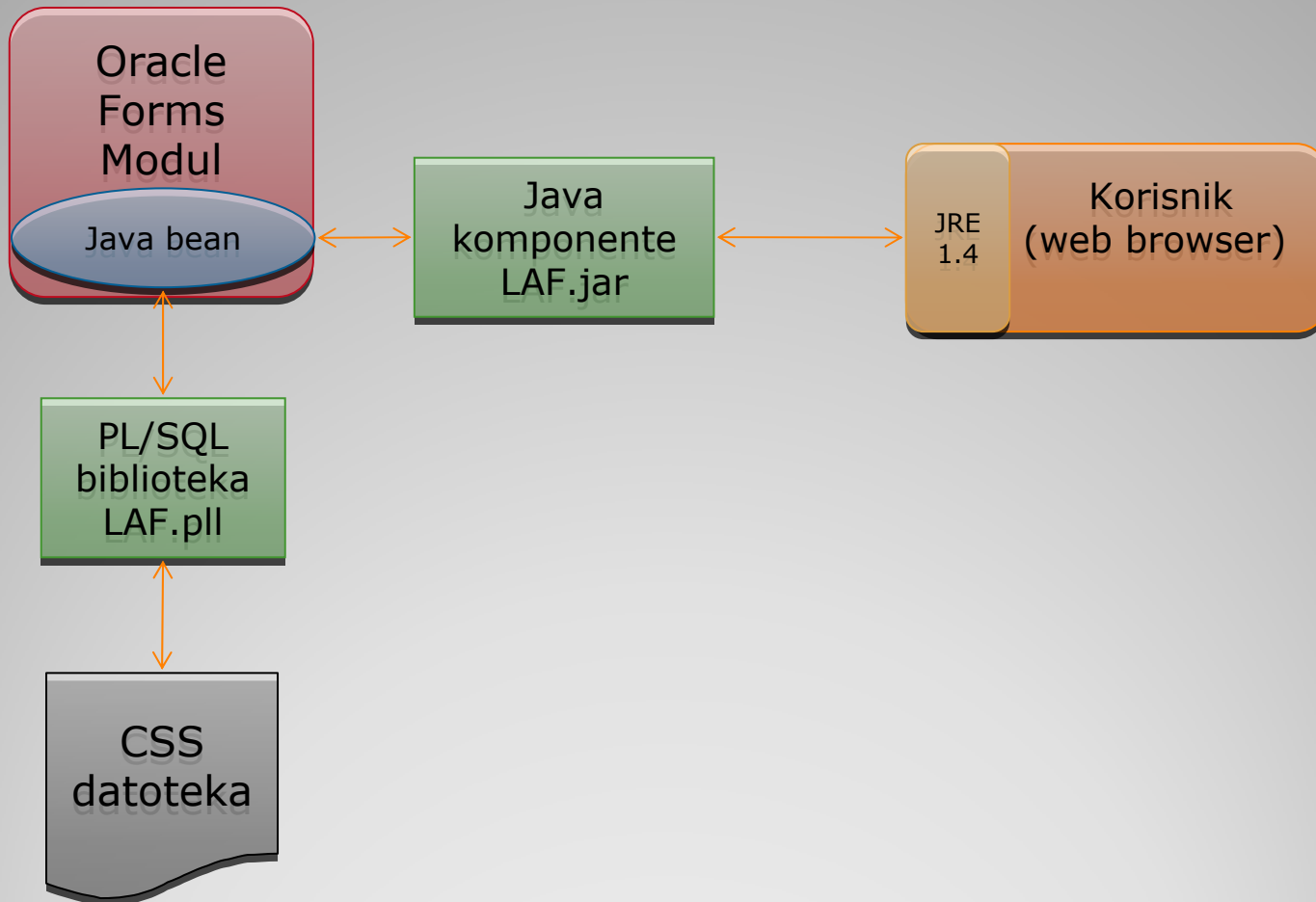
Oracle Look and Feel projekt

- Francois Degrelle
- Travanj 2007 - Community White Paper
 - http://www.oracle.com/technology/products/forms/pdf/10gR2/community_paper_forms_look_and_feel.pdf
- Službene stranice projekta
 - http://sheikyerbouti.developpez.com/forms-pjc-bean/LAF/doc/Oracle_Forms_Look_and_Feel_project.htm
- Trenutna verzija 1.3.3

Razvoj projekta

- Oracle Forms 10g
 - JavaBeans, PJC
 - set_custom_property i get_custom_property
- Java 1.4
 - Sun JRE 1.4 umjesto Oracleovog Jinitiatora
 - Cascading Style Sheets (CSS)
 - CSS sintaksa: selector {property: value}

Tehnologije koje se koriste



Princip rada

- Nove vizualne mogućnosti sučelja
- Unaprijeđene osnovne Forms kontrole
- Ostali dodaci
- Implementacija
 - CSS
 - PL/SQL API

Pregled dodane funkcionalnosti

- Sheme boja
- Prozori
- Status bar
- Menu
- Tab
- Canvas
- Title
- Header
- Body

Vizualna proširenja sučelja



Action Edit Query Block **Record** Field Help Window



Forms Look & Feel

Theme #1 for this t

Empno	Ename	Job	Mgr	Hiredate	Sal	Comm	Dept
7369	SMITH		902	17-DEC-1980	915	10	20
7499	ALLEN		698	20-FEB-1981	1600	300	30
7521	WARD		698	22-FEB-1981	1250	500	30
7566	JONES		839	02-APR-1981	2975		20
7654	MARTIN	SALESMAN	7698	28-SEP-1981	1250	1400	30
7698	BLAKE	MANAGER	7839	01-MAY-1981	2850		30
7782	CLARK	MANAGER	7839	09-JUN-1981	2450		10
7788	SCOTT	ANALYST	7566	09-DEC-1982	3000		20
7839	KING	PRESIDENT		17-DEC-1980	6000		10
7844	TURNER	SALESMAN	7698	08-SEP-1981	1500	0	30

Switch theme 2

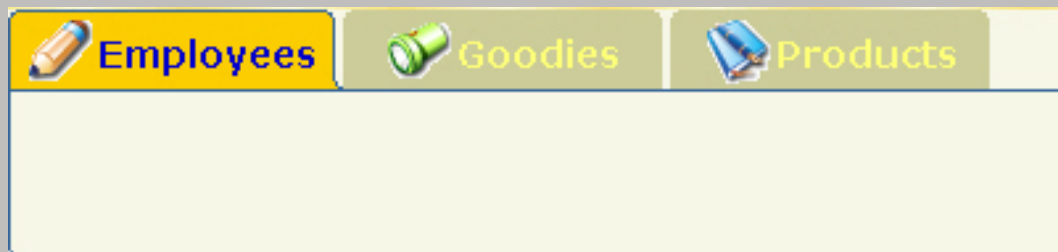
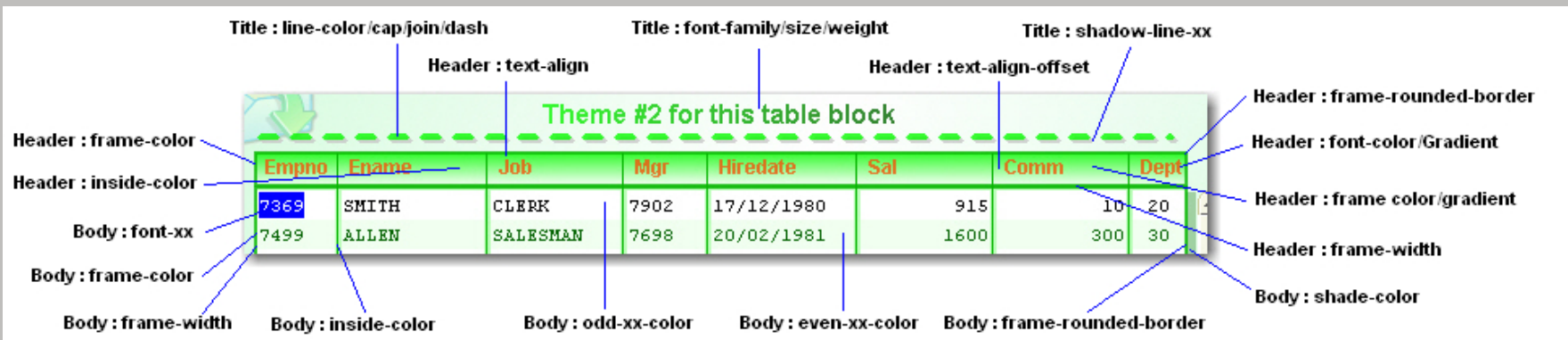
Go to scheme selection...

Insert Record

Record: 1/14

...

...





LAF Dynar

Menu

Action

Option 1
Option 2



...me

Exit

Show Hide

label

Menu opti

Option5

Menu option raper

Option Five

Menu option command

Command 5

Menu option tooltip

Tooltip of Option Five

Action

[Dropdown menu]

Exit

- TextField
- TextArea
- Button
- PopList
- Tlist
- CheckBox
- Radio Group

Kontrolle

Command buttons

Input Dialog Box



Display the About box

Exit

Left Right

Choice

Top left

Bottom right

Check Boxes

bbbb
ffff
gggg
dddd
eeee
...

List frame

Clear selection

Get selection

List handling

Color scheme

purple

Liste1

Remove last element

Add last element

Key selection

aaa1

Time between 2 hits

100



Blink

Blink text

Blink rate

Start

Stop

Cursor

Oracle Forms a component of the Oracle Developer Suite

Selection

Mark selection

Activity

```
Item-> ctrl.multiline Code-> 50 Char-> é Modifier-> Ctrl  
Position-> 11  
Item-> ctrl.multiline  
Item-> ctrl.multiline Code-> 17 Char-> ¿ Modifier-> Ctrl  
Position-> 11  
Item-> ctrl.multiline  
Item-> ctrl.regular_exp Code-> 9 Char-> Modifier->  
Position-> 20
```

Link

Link [Click me I'm a link](#)

Link URL

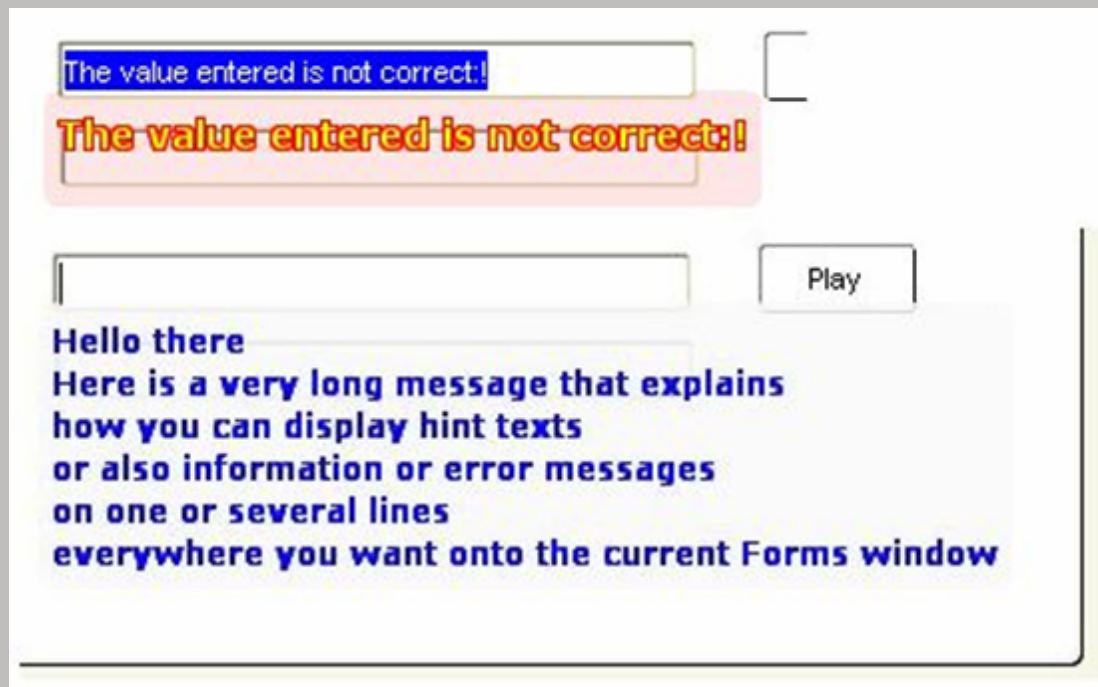
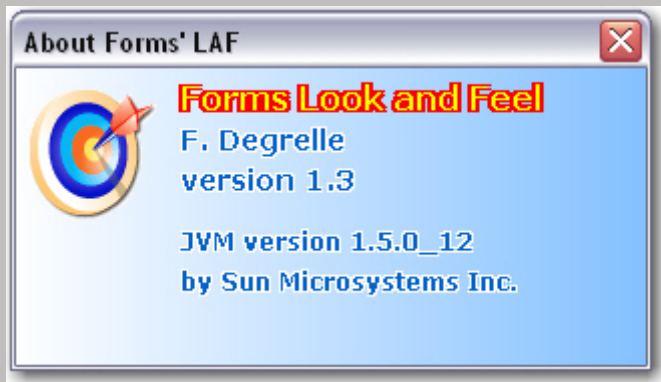
Regex

Regex pattern

test

- About box
- Input dialog box
- Tekstualne poruke
- Zvukovi
- Okviri
- Crte
- Slike

Ostali elementi



```
.canvas {  
  type:canvas  
  gradient-colors:r246g246b230,r255g255b255  
  gradient-vcycle:0  
  gradient-hcycle:0  
  image1:/oracle.gif,10,1,.8  
  image2:/oracleband.gif,10,34,.6,560,16  
}
```

```
.tableHeader {  
    type:header  
    font-family: Arial;  
    font-size:12  
    font-weight:bold  
    frame-color:r135g55b255  
    inside-color:r243g236b255  
    font-color:r0g0b255  
    font-gradient: r0g0b255,r155g50b255  
    frame-gradient: r255g0b0,r255g255b255  
    frame-gradient-direction: UpToDown  
    shade-color:r160g160b160  
    frame-width:1  
    frame-rounded-border: 10  
    transparency:.8  
    text-align:left  
    text-align-offset:5  
}
```

```
.tableBody {  
    type:body  
    font-family:Arial  
    font-size:8  
    font-weight:bold  
    frame-color:r210g216b176  
    inside-color:r246g246b230  
    shade-color:r160g160b160  
    frame-width:1  
    transparency:.8  
    odd-background-color:r246g246b230  
    even-background-color:r246g246b230  
}
```

```
.tableTitle {
    type:title
    font-family:Arial
    font-size:16
    font-weight:bold
    line-color: r0g255b0
    line-dash: 16,8
    line-cap: square
    line-join: miter
    line-transparency:.8
    shadow-line-color: r200g200b200
    shadow-line-transparency:.8
    line-width:4
    text-transparency:.8
    text-color:none
    text-gradient: r0g255b0,r0g100b0
    text-align: center
    text-line-Offset: 0
    text-line-Voffset: 8
    title-head-offset: -15
}
```

```
.GUIPropertiesOracle {
    type:gui
    scheme:silver
    enhanced-lists:true
    tlist-multi-selection:true
    tlist-sorted:false
    tlist-orientation:vertical
    poplist-settimekeyselect:8000
    /* menu, window caption and status bar */
    light-color-scheme:true
    menu-use-scheme:true
    window-use-scheme:true
    status-use-scheme:true
    /* tab properties */
    tab-use-scheme:false
    tab-selected-colors:r255g255b255,r51g102b153
    tab-colors:r0g0b204,r255g255b120
    /* dialog properties */
    dialog-use-scheme:true
    dialog-font:Verdana,14
```

...

```
/* frames properties */
frame-use-scheme:true
frame-font:Verdana,B,12
frame-title-position:top,left
frame-opaque:false
frame-colors:r255g255b0
frame-gradient-orientation:
frame-round-border:true
frame-title-colors:r0g0b255
/* other GUI element properties */
element1:TextField,Tahoma,B,12,r0g128b255
element2:Button,Tahoma,B,12,r0g128b255
element3:CheckBox,Tahoma,B,12,r0g128b255
element4:RadioB,Tahoma,B,12,r0g128b255
element5:Tree,Tahoma,B,12,r0g128b255
element6:ComboBox,Tahoma,B,12,r0g128b255
element7:Tree,Tahoma,B,12,r0g128b255
element8:MenuBar,Tahoma,B,12,r255g128b0,r200g255b150
element9:MenuOption,Tahoma,B,14,r0g185b90,r255g255b150
element10:Status,Tahoma,B,12,r255g255b255,r0g185b90
element11:Window,Verdana,BI,16,r255g255b128
}
```

- Povezivanje modula sa laf.pll bibliotekom
- Kreiranje control bloka sa itemom tipa Bean Area
- Kreiranje defaultnog vizualnog atributa
- Svojstvo Bevel na None

Implementacija u praksi

- Kreiranje parametara na razini forme

- PM\$CSS_FILENAME
- PM\$CANVAS
- PM\$TITLE
- PM\$HEADER
- PM\$BODY
- PM\$VA

- Dodavanje triggera na razini forme

- When-New-Form-Instance
- When-Timer-Expired
- When-New-Record-Instance
- Post-Query

Implementacija u praksi

- Znatan prostor za dodatna unaprijeđenja
- Upitna pouzdanost open source projekata u velikim enterprise sustavima
- Budućnost vezana uz Oracle Formse

Zaključak



Pitanja