Kako je počeo rat na mom desktopu

Patrik Franković

HEP d.d.

Sektor za informatiku i telekomunikacije

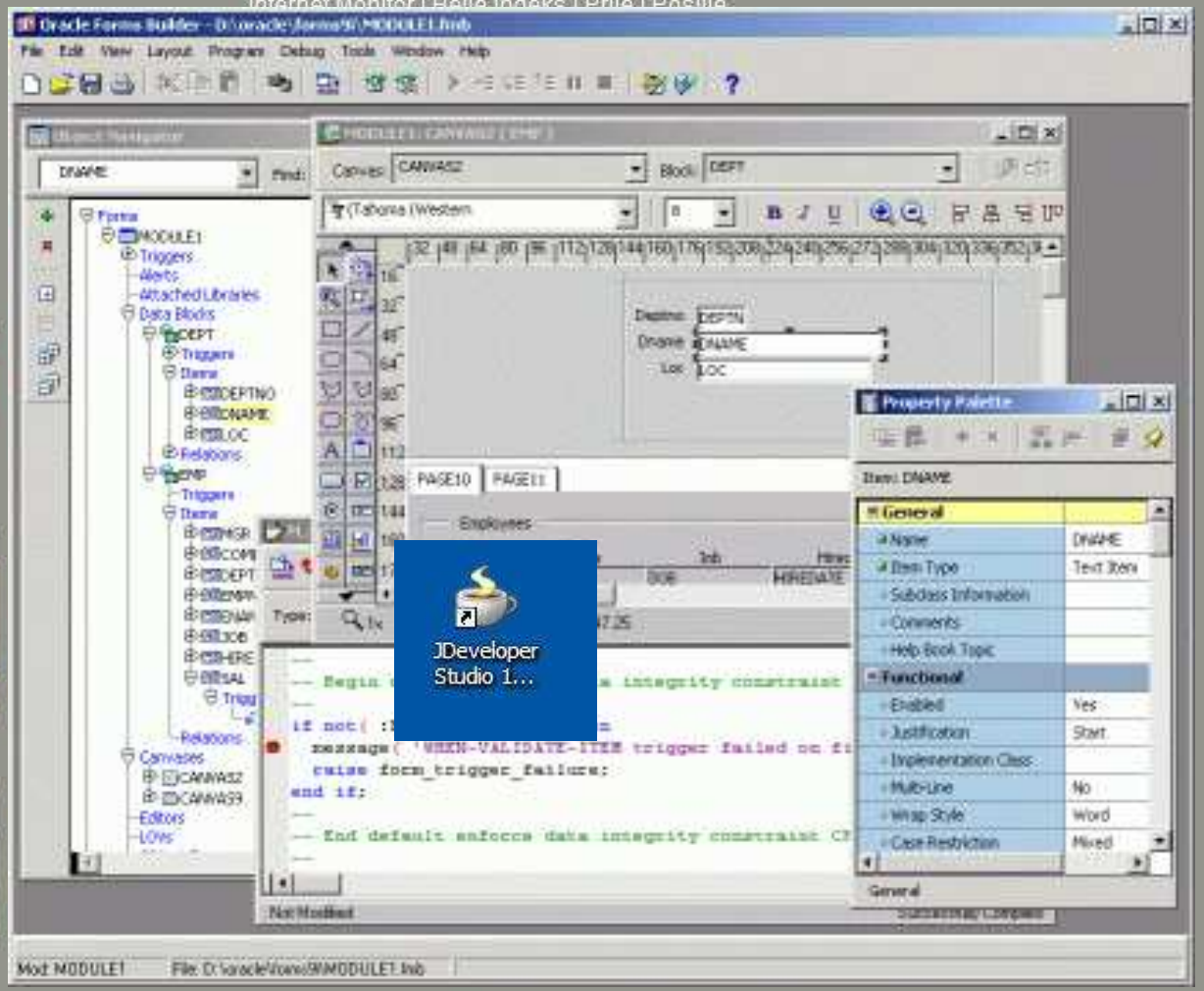
Sadržaj

- Život na mom desktopu
- Bombardiranje desktopa
- Migrirati ili ne, pitanje je sad
- U čemu je razlika?!
- Pleši kako DžejDi svira

15 hroug

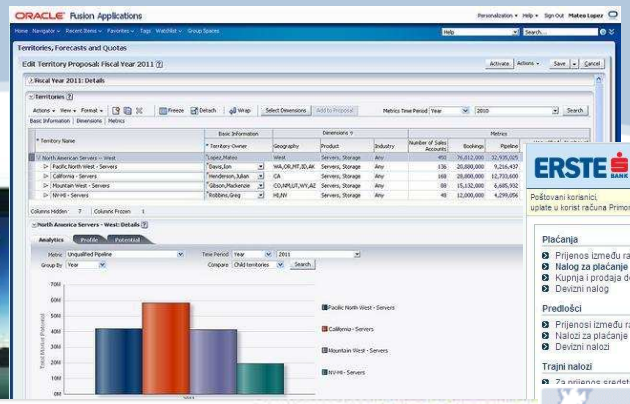
Belle de Jour Rujan 2010.

ponedjeljak



Kol'ko ih ima....

Diners ProFile
Potrošnja po kategorijama, kolovoz 2010
Sve kategorije
Povijest kupnji
Kupnje


ORACLE Fusion Applications
Territories, Forecasts and Quotas
Edit Territory Proposal: Fiscal Year 2011

ERSTE BANK
Nalog za plaćanje (HUB1)
NetBanking
Plaćanja
Predlošci
Trajni nalozi

Gmail
Calendar
Documents
Photos
Groups
Web
more
Search Mail
Search the Web
Compose Mail
Inbox (5)
Starred
Chats
Sent Mail
Drafts (1)
All Mail
Spam
Trash
Contacts
Labels
Archive
Report Spam
Delete
More Actions
Refresh
Tasks

facebook
Kathryn Ortland's Profile (This is you)
Oregon
Information
Account Info
Basic Info
Contact Info
Personal Info
Friends at Oregon

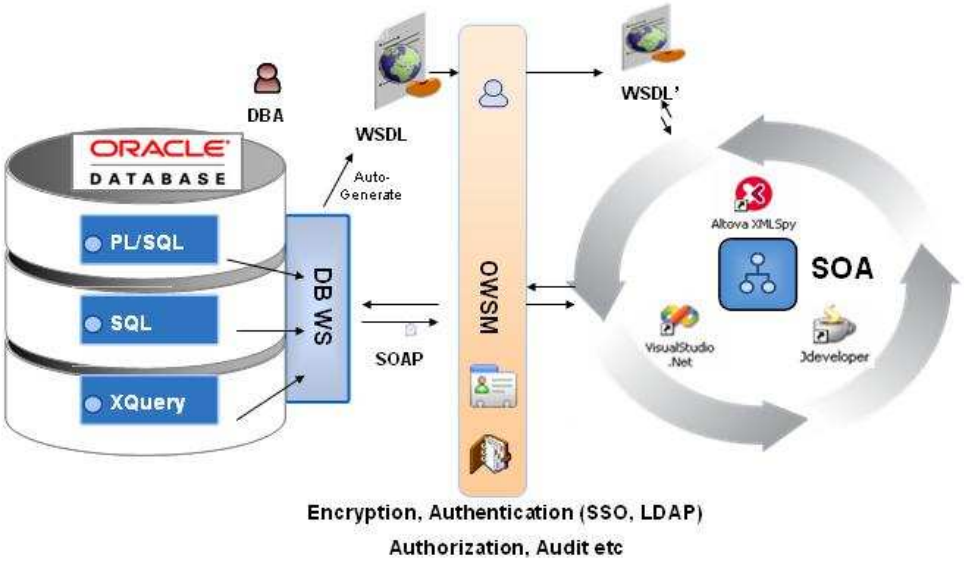
Willing Stars
Sales Performance

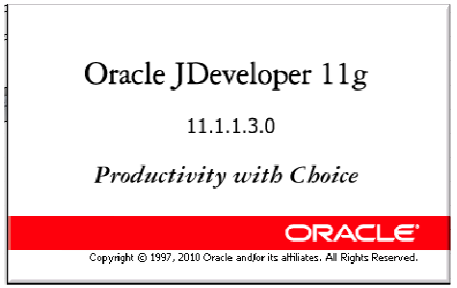
YouTube

twitter

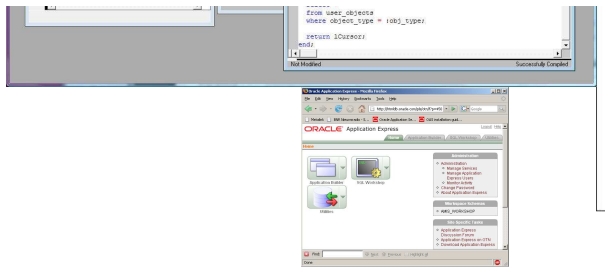
…j**** kol’ko ih ima….

Microsoft® net™





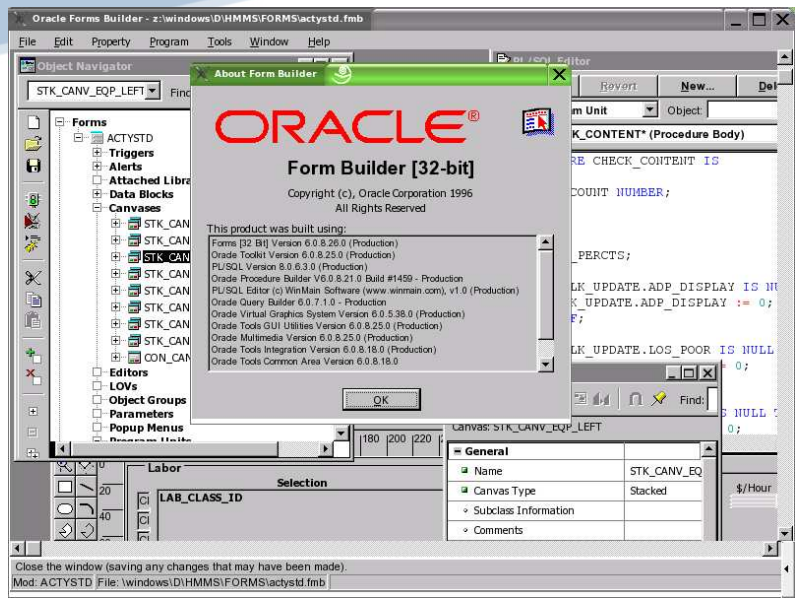
ORACLE FUSION MIDDLEWARE 11g FORMS

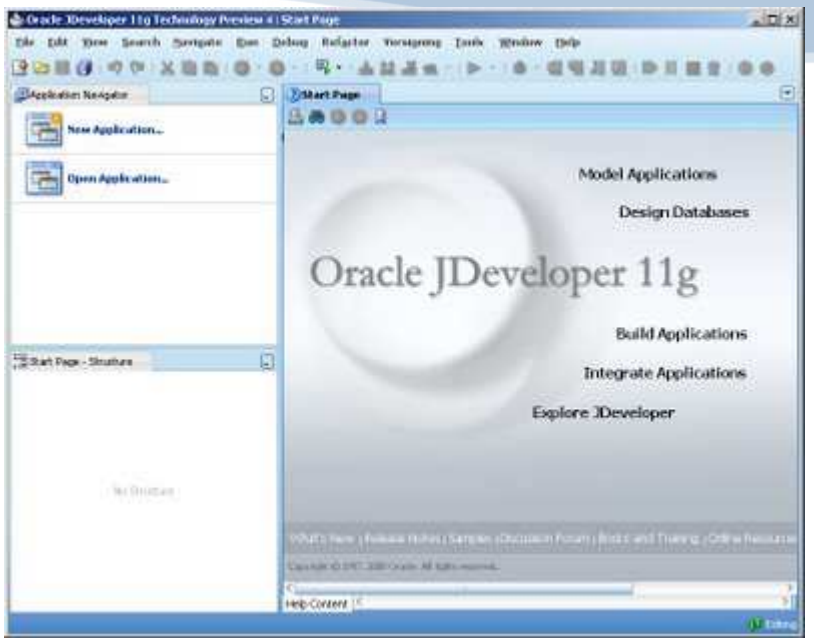


Java

15 hroug

“Just the two of us”





Zašto uopće migrirati?
Što time postižemo?

Mogući razlozi za migraciju

Poslovni zahtjevi se znantno i često mijenjaju i Forms ih teško ili uopće ne zadovoljaju

Naše Forms aplikacije su stigle na kraj svoj životnog ciklusa

Impresioniran sam s Fusion tehnologijom

Naš nas posao tjera da usvajamo i primjenjujemo nove i moderne tehnologije

15 hroug

Mogući razlozi PROTIV migracije

Mnogo smo uložili u razvoj Forms aplikacija i one još odgovaraju na naše poslovne zahtjeve

Dok radi ne diraj ništa!

Oprezni smo s uvođenjem i primjenom novih razvojnih alata i tehnologija

Naši su korisnici sasvim zadovoljni s “heads down” unosom podataka u Forms aplikacijama

hroug 15

Mogući KRIVI razlozi za migraciju

Forms aplikacije su sve sporije. Prebacimo se u Javu jer će onda biti brže.

Oracle nam govori da napustimo Forms i da se prebacimo na Java/ADF/Apex

Ako se prebacimo na Javu uštedit ćemo mnogo novaca u razvoju.

Koliko ja znam Forms više nemaju podršku?

CO15 hroug

“Ni zimi za Eskimi”

- ***“…There are no plans to desupport Oracle Forms and Reports…”***

http://www.oracle.com/technetwork/issue-archive/2010/toolssod-3-129969.pdf

Oracle Tools Statement of Direction

- **Vrlo jasan stav i smjer razvoja**
  - Upgrade
  - Integrate
- **Oracle Forms 11*g* su dio Oracle FMW 11*g***

Lopta je okrugla?

Razlike se ne smiju ignorirati

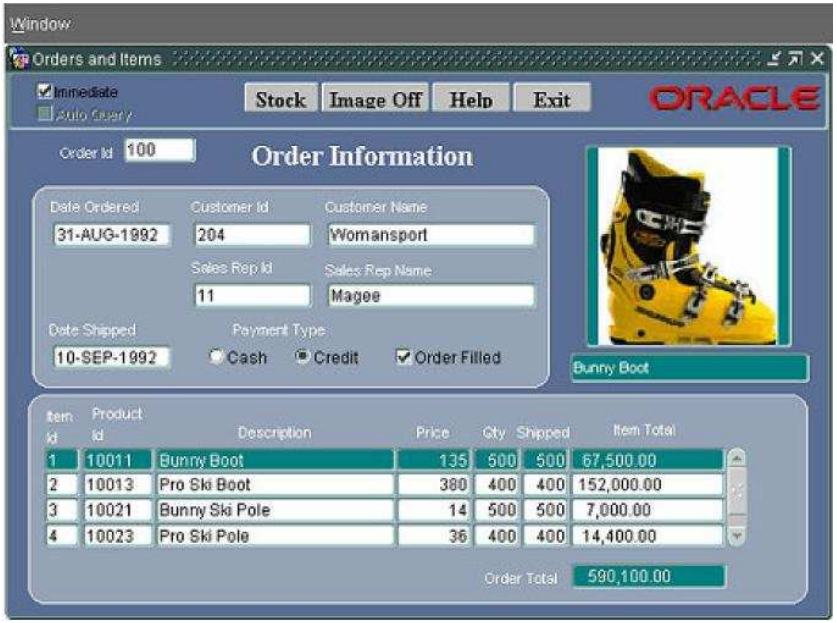
Oracle Forms	Fusion/Web Applications
• Java applet UI	• HTML/JavaScript
• PL/SQL scripting language	• Java (but still PL/SQL in the database)
• Stateful dedicated connections	• Stateless pooled connections
• No separation of UI and data elements	• Separate UI and data elements (MVC)
• Proprietary and fixed framework	• Standard and open (override and augment)

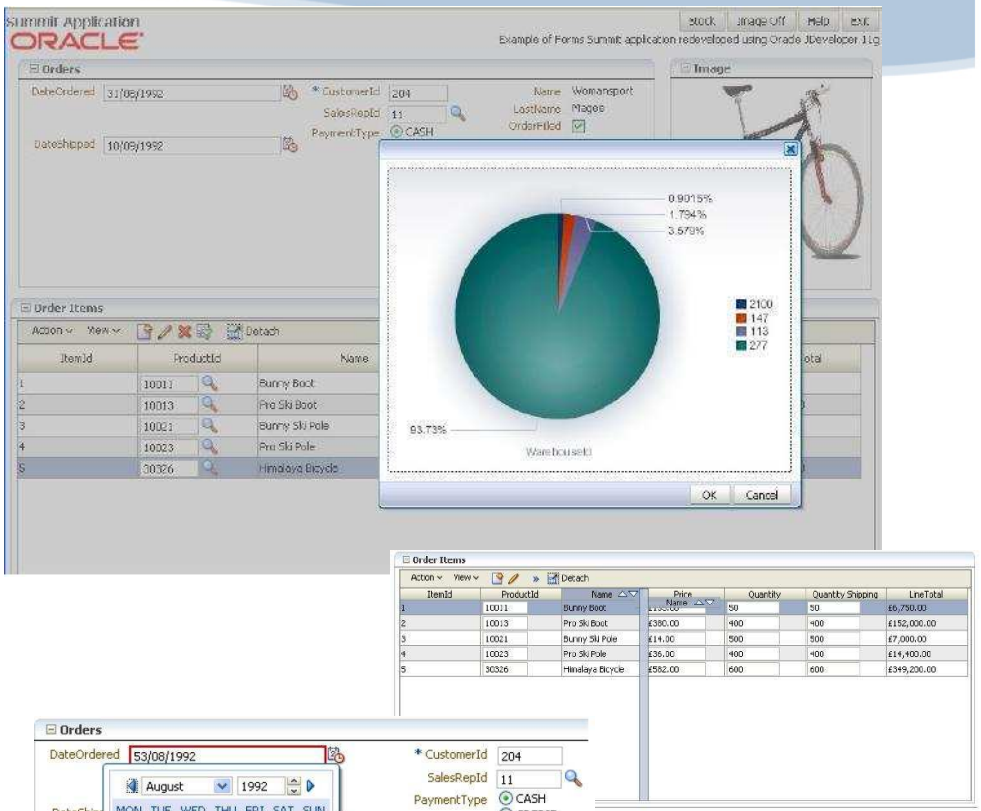
"Any attempt to [re-write] a Forms application to [Java, Apex …] without taking into consideration the difference in architecture is in effect an effort at re-implementing the 20-year-old Forms runtime"

http://www.oracle.com/technetwork/developer-tools/forms/documentation/formsmigration-133693.pdf

Grant Ronald, Oracle
ODTUG Journal

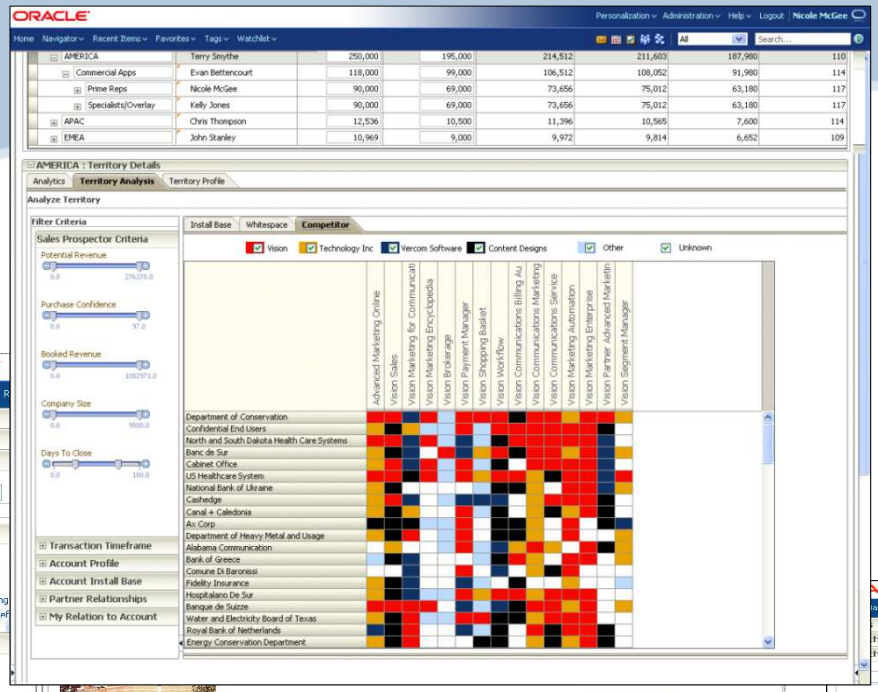
Ista pašta drugo pakovanje?

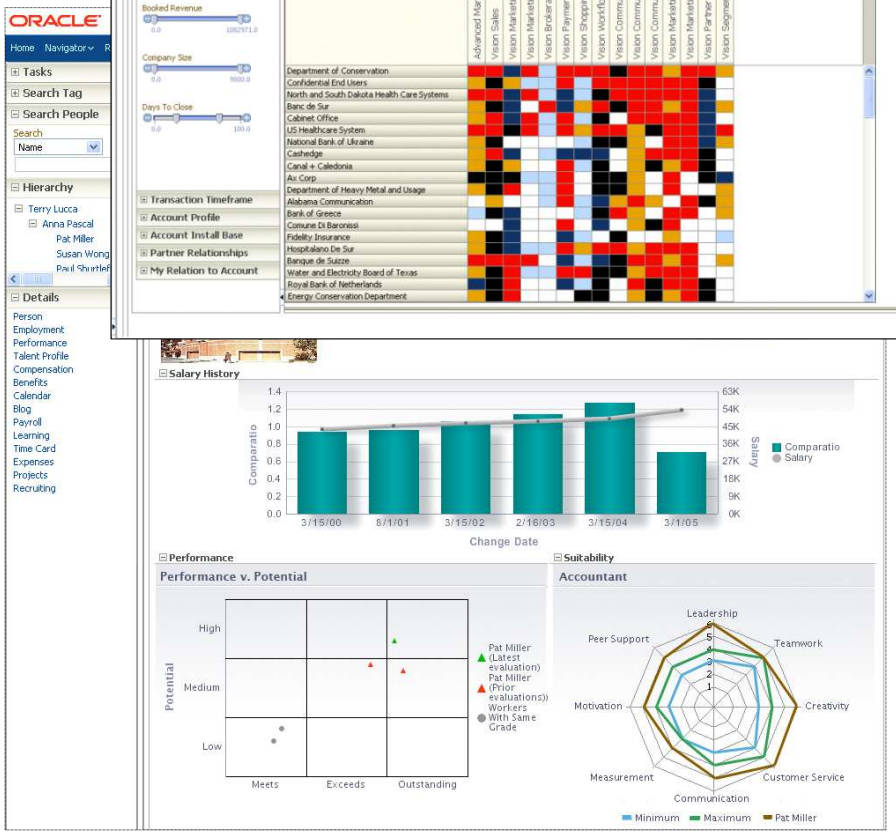


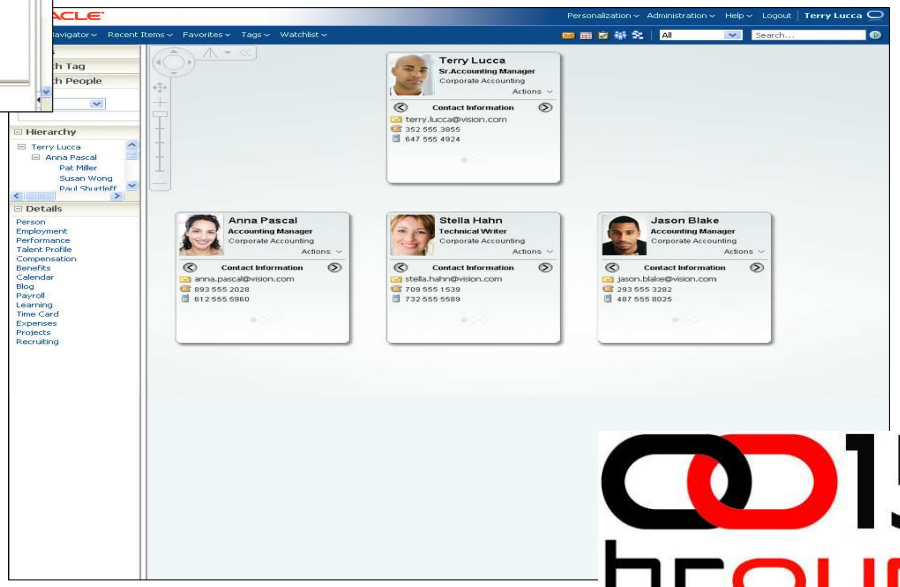


hroug 15

Gle divoteeeeee…







Nije bitno što možeš ti učiniti s ADF-om, već što ADF može učiniti za tebe!

- Skrivena kompleksnost tehnologije
  - Vizualni i deklarativni razvoj
  - ADF se brine o “instalacijama”
  - Metadata, a ne programski kod
- Tehnologija koju je Oracle izabrao za svoje buduće poslovne aplikacije
- Bazirana na standardima i open source-u
- ADF BC – prilično jednostavno za Forms developere
- Java je neizbježna

CO15 hroug

Forms “out of the box”

- Konekcija na bazu
- Block = table (izvor podataka)
- Kešira podatke unutar Forms record manager
- Brine se o transakcijama
  - Locks, commits, rollback etc
- Primjenjuje bazna pravila(database constraints)
  - Not null, master/detail, tipovi podataka, primarni ključevi
- Mogućnost primjene deklarativne validacije
- Koristi trigger za primjenu korisničkih poslovnih pravila
- Mogućnost ugradnje raznih built-in-ova
  - LOVs, record groups, calculated fields, Set_Item_Property
- Definiranje svojstava za pojedine elemente
  - Format mask, background color, initial value, update allowed
- Razne vizualne komponente

ADF “out of the box”

- Konekcija na bazu
- View = table (izvor podataka)
- Kešira podatke unutar entity objects
- Brine se o transakcijama
  - Locks, commits, rollback
- Primjenjuje bazna pravila(database constraints)
  - Not null, master/detail, tipovi podataka, primarni ključevi
- Mogućnost primjene deklarativne validacije
- Koristi evente za primjenu korisničkih poslovnih pravila
- Mogućnost ugradnje raznih built-in-ova
  - LOVs, view objects, calculated fields, Set properties ...
- Definiranje svojstava za pojedine elemente
  - Format mask, background color, default value, updatable always
- Razne vizualne komponente

3 stvari do otoka sreće

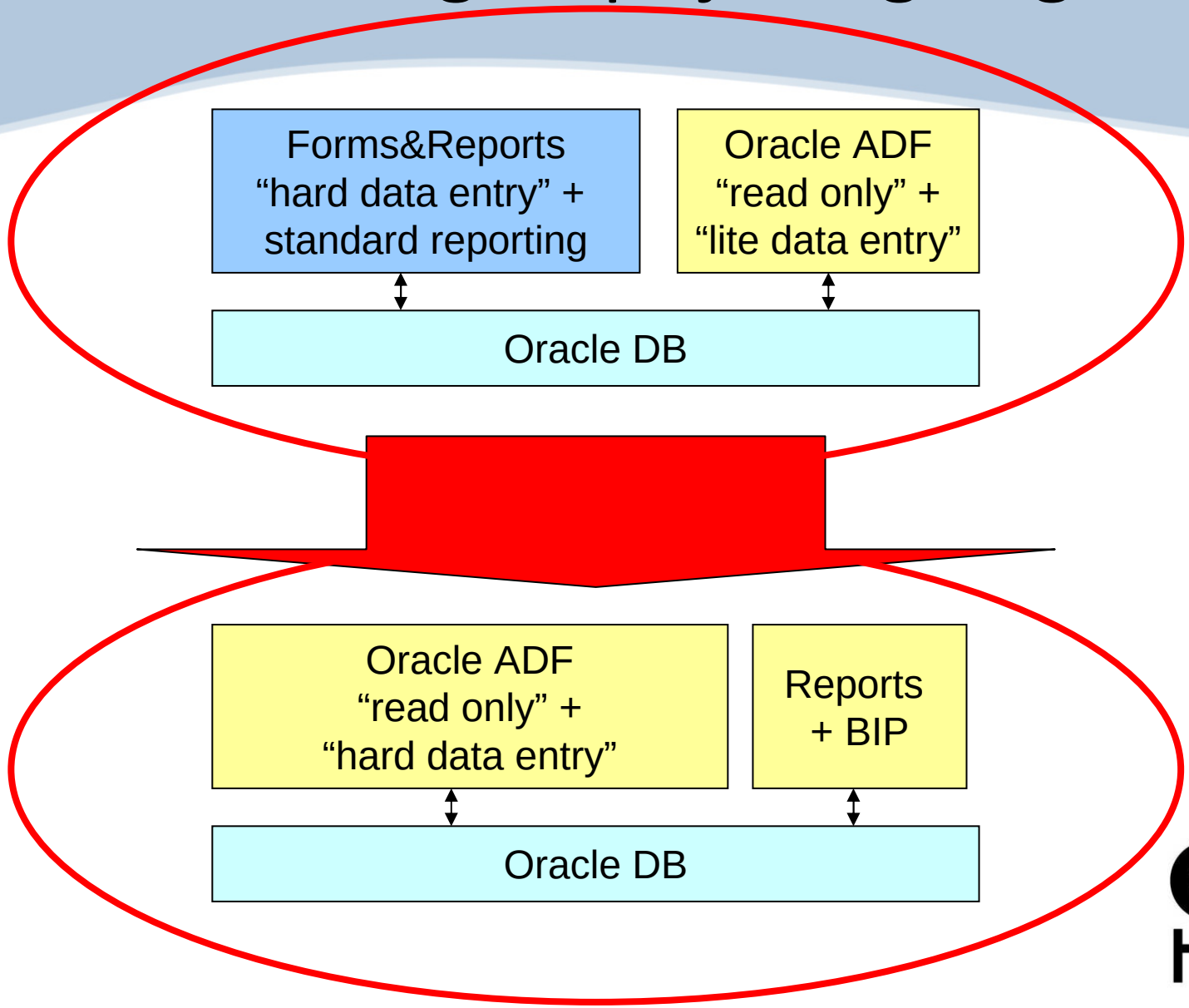
1. Procjena opsega posla
   - arhitektura
   - “stil” aplikacije – client/server vs. web
2. Redizajn aplikacije
   - izazov Web 2.0 korisničkog sučelja
   - izbjegavanje HTML verziju Forms UI-a
3. Kombinacija 1. i 2.
   - prilagodba MVC modelu
   - razdvajanje poslovne logike i sučelja

ADF iz vlastitog kuta

- Predznanje HTML-a i weba općenito poželjno
- Pogled preko zida
- Kakve vi to korisnike imate?
- Pita je slasnija od tablice
- Razmišljati objektno je poželjno, ali nije nužno
- Osobna SWOT matrica – koristite vlastite snage

15 hroug

ADF – mogući prijedlog migracije



Pitanja?

Hvala!

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