

Razvoj mobilnih aplikacija pomoću Oracle ADF mobile

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Mobile · Social Media · Web
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Sadržaj



- Mobilne aplikacije
- Html5 hibridne aplikacije
- Fusion Middleware, ADF, jDeveloper
- Oracle ADF Mobile
- Razvoj aplikacija s ADF Mobile (Browser)
- Zaključak



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Mobilno



- Zašto mobilno?
- Konzumerizacija *enterprisea*
- Nativne, Mobilni web, HTML5(Hibrid) ?



ANDROID



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HTML5 mobilne aplikacije



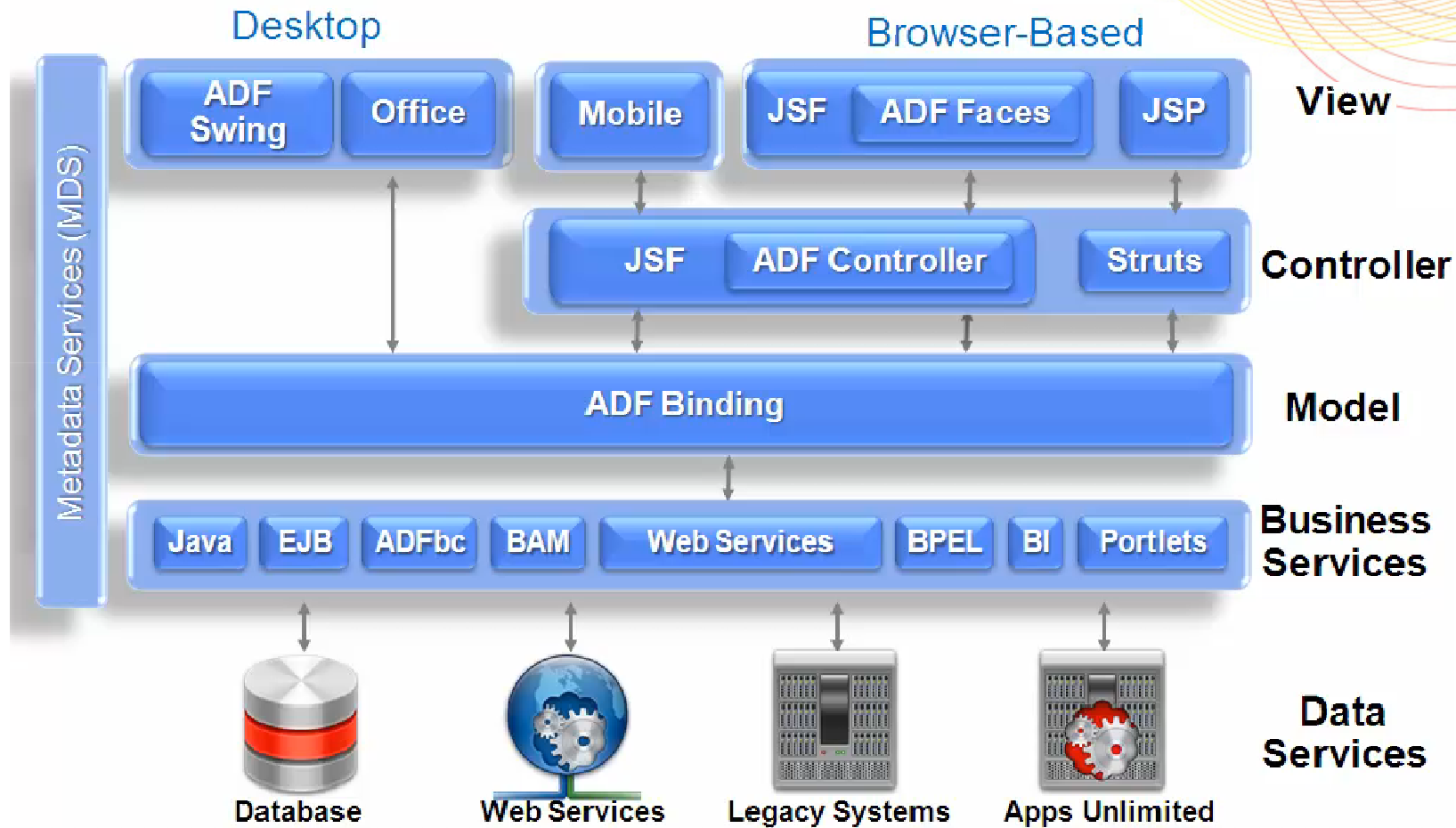
- Nativni *wrapper* i HTML5 Sadržaj
- *Reuse* - Napravi jednom, koristi (skoro) svuda = Smanjenje troškova
- HTML5, CSS, Javascript
- Prednosti: Korisničko iskustvo, *offline* rad, pristup hardveru, *marketplace*
- sve bolja podrška za HTML5
- *Sencha Touch 2, jQTouch, jQuery Mobile*
- *Oracle ADF Mobile?*



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Fusion Middleware & ADF



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JDeveloper



A screenshot of the Oracle JDeveloper 11g IDE. The main window displays a JSF Page Flow Diagram for a project named 'Bank10'. The diagram shows a central node, 'welcome.jsp', with various outgoing transitions labeled with actions like 'signin', 'summary', 'back', 'transfer', 'history', 'confirm', 'more', 'go', 'detail', 'atm', 'signoff', 'error', 'bill pay', 'success', and 'dailyBalance'. These transitions lead to other pages such as '/branches.jsp', '/atm_list.jsp', '/accountDetail.jsp', '/transactionDetails.jsp', '/loginError.jsp', '/billPayment.jsp', '/transferHistory.jsp', '/transferPending.jsp', '/personInfo.jsp', '/pan.jsp', and '/myDetails.jsp'. The left sidebar shows the 'Project Explorer' with the file structure of 'Bank10', including 'Web Content', 'Application Sources', and 'Page Flows'. Below the project explorer is a 'Warnings' panel with several messages related to navigation rules and XML validation. The bottom status bar indicates the current file is 'faces-config.xml' and the mode is 'Page Flow Editing'.



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Oracle ADF Mobile



- ADF Mobile (iOS & Android)
- ADF Mobile Browser
- Ekstenzija ADF za mobilne korisnike – korištenje postojećih modela i kontrolera
- *Reuse* (vještina i komponenti)
- Vizualan, deklarativan i brz pristup – jednostavan razvoj i održavanje
- *jDeveloper* jedinstven IDE



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Oracle ADF Mobile



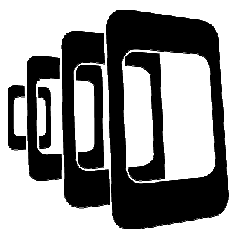
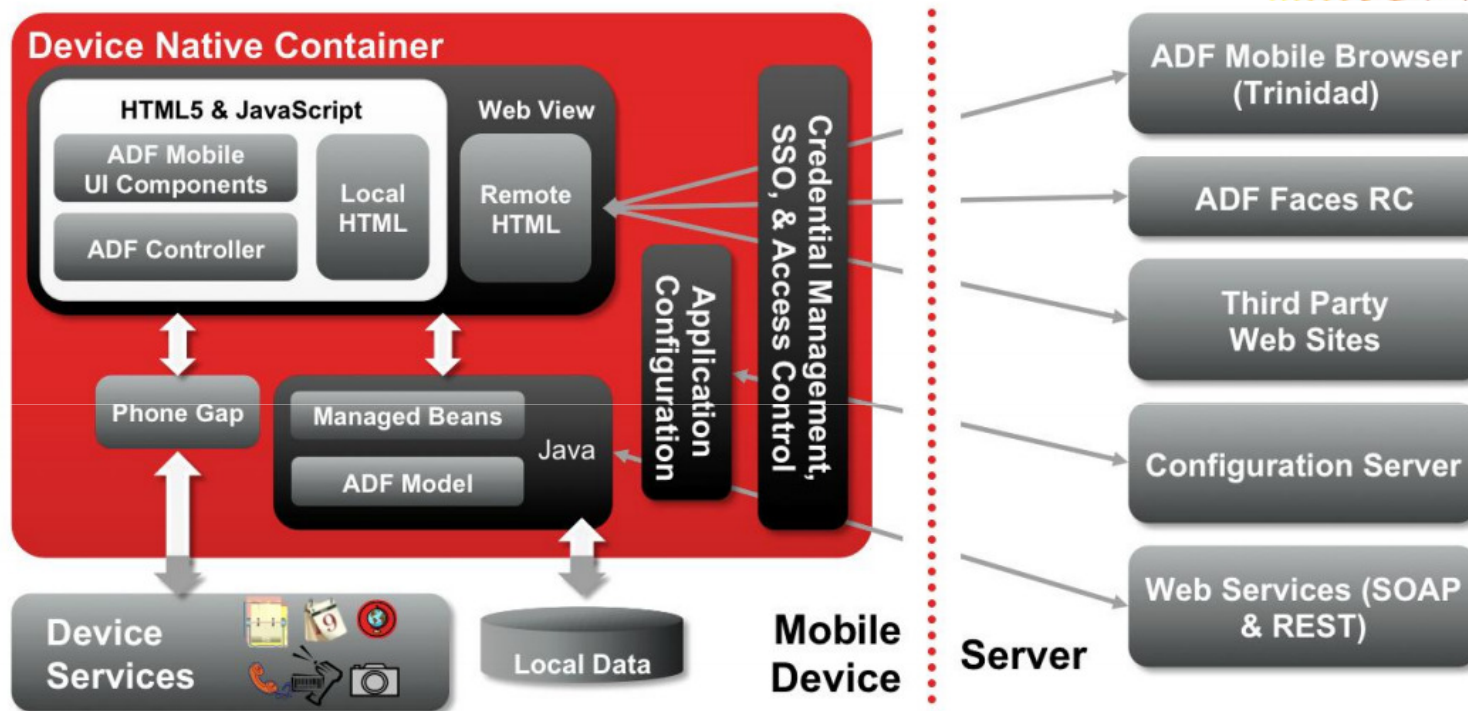
- Stand. tehnologije (HTML5, ADF, Java, Css3, js)
- Integracija sa servisima uređaja (Phonegap)
- *offline* rad (SQLite)
- Kompletan *Security*: Enkripcija, Autentikacija, Kontrola pristupa
- Pristup lokalnom i *remote* html
- Sinkronizacija podataka
- MVC Arhitektura



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Arhitektura i tehnologije

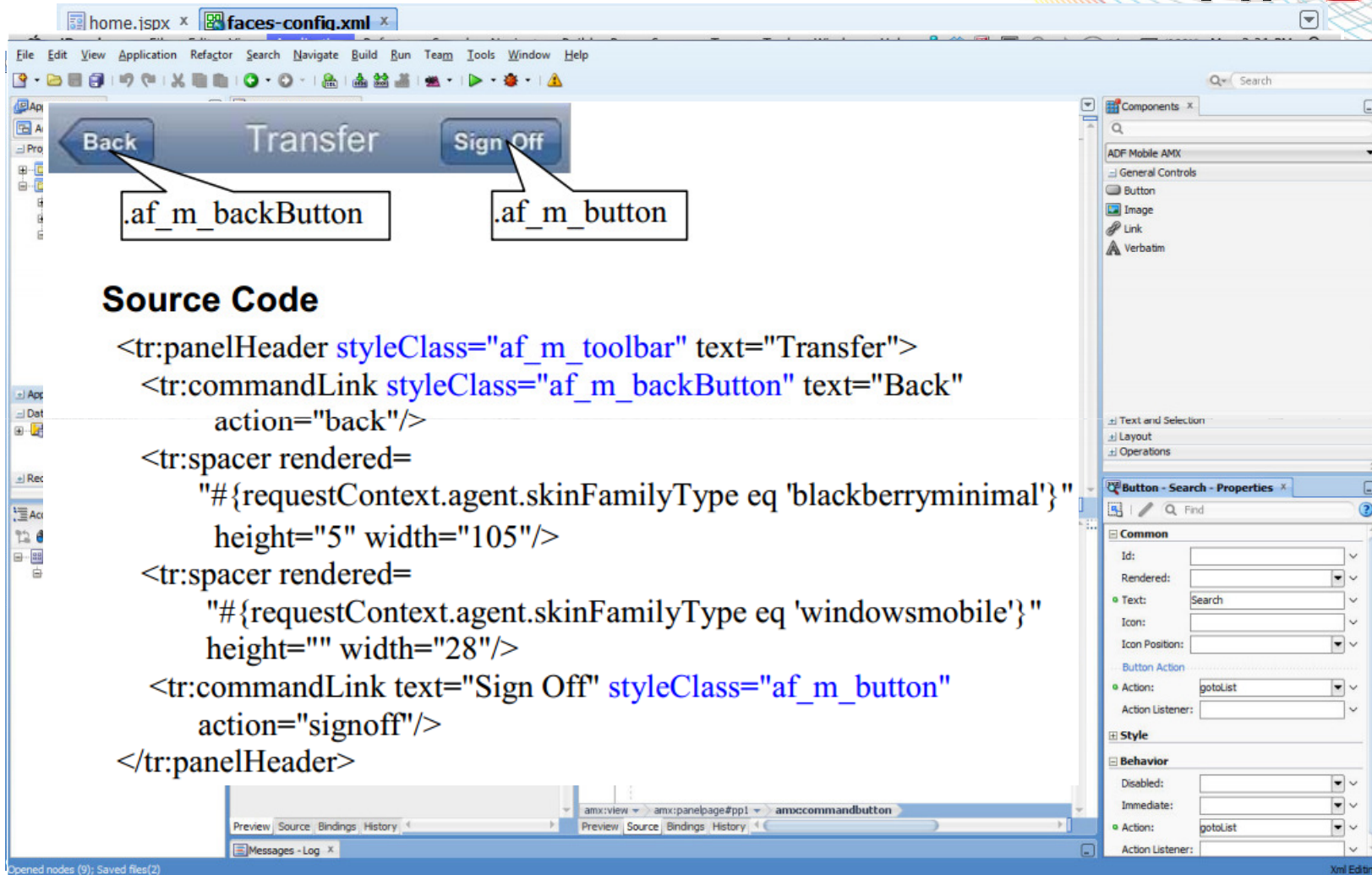


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Razvoj

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Source Code

```
<tr:panelHeader styleClass="af_m_toolbar" text="Transfer">  
  <tr:commandLink styleClass="af_m_backButton" text="Back"  
    action="back"/>  
  <tr:spacer rendered=  
    "#{requestContext.agent.skinFamilyType eq 'blackberryminimal'}"  
    height="5" width="105"/>  
  <tr:spacer rendered=  
    "#{requestContext.agent.skinFamilyType eq 'windowsmobile'}"  
    height="" width="28"/>  
  <tr:commandLink text="Sign Off" styleClass="af_m_button"  
    action="signoff"/>  
</tr:panelHeader>
```



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Zaključak

- Mobilno je neizbježno!
- Nema jedinstvenog rješenja
- Html5 - budućnost?!
- 2015 - Html5 80% aplikacija
- Oracle Fusion Expenses



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Hvala na pažnji!



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Kontakt

- Samir Čauš

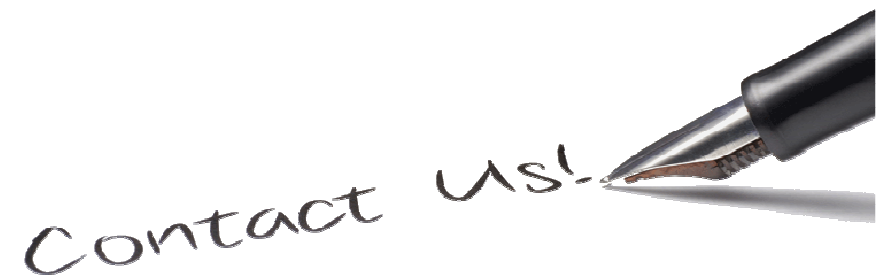
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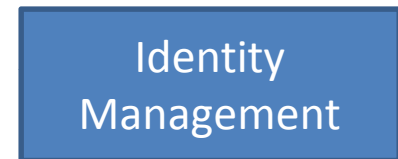
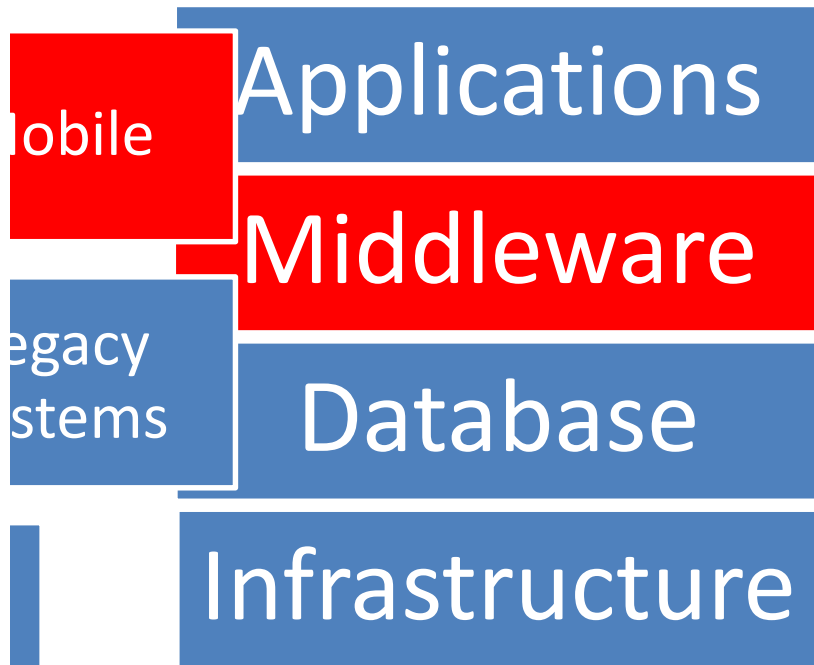
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Fusion Middleware



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Pojmovi



- Fusion middleware
 - Oracle enterprise platforma
 - Kompletno, otvoreno i integrirano rješenje
- Application Development Framework
 - *framework* za razvoj enterprise aplikacija
 - end to end, rich gui, multi channel
- jDeveloper
 - Jedinstven IDE
 - Jednostavan pristup razvoju



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