

LOGIN

software

ORACLE Gold
Partner

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Forms & Reports 12c

korak naprijed i posljednji korak



Agenda

- ▶ Uvod
- ▶ Instalacija
- ▶ Reports 12c – posljednji korak
- ▶ Forms 12c – korak naprijed
- ▶ P & O

Uvod

| Release | GA Date | Premier Support Ends | Extended Support Ends | Sustaining Support Ends |
|---|---------------------|----------------------|-----------------------|-------------------------|
| 9iAS R2 (9.0.2) | Apr 2002 | Jul 2005 | Not Available | Jul 2008 |
| 9iAS R2 (9.0.3) | Oct 2002 | Jul 2005 | Not Available | Jul 2008 |
| Application Server 10g (9.0.4) | Dec 2003 | Dec 2006 | Dec 2008 | Dec 2009 |
| Application Server 10gR2 (10.1.2.x) * | Jan - Oct 2005 | Dec 2011 | Not Available | Indefinite |
| Content Management SDK 10gR2 (9.0.4.2.x) | Jan - Oct 2005 | Dec 2013 | Not Available | Indefinite |
| Content Database 10gR2 (10.2.x) | Jan - Oct 2005 | Dec 2013 | Not Available | Indefinite |
| Fusion Middleware 10gR3 (10.1.3x) ** | See below | See below | See below | See below |
| Fusion Middleware 11gR1 (11.1.1.x) *** | See below | See below | See below | See below |
| Portal 11gR1, Forms 11gR1, Reports 11gR1 and Discoverer 11gR1 (11.1.1.x) **** | Jun 2009 | Jun 2014 | Jun 2017 | Indefinite |
| Forms and Reports 11gR2 (11.1.2.x) | Oct 2011 | Dec 2016 | Dec 2018 | Indefinite |
| Fusion Middleware 12c (12.1.x) ***** | Dec 2011 - Feb 2015 | Dec 2017 | Dec 2019 | Indefinite |
| Fusion Middleware 12c (12.2.x) ***** | Oct 2015 - Apr 2016 | Oct 2020 | Oct 2023 | Indefinite |

12/2016 – Firefox prestaje podršku za NPAPI (najava za verziju 53, 04/2017)

https://groups.google.com/forum/#!msg/mozilla.dev.tech.plugins/Cu1rOVEn45M/FYHz_XIoAAA

Internet Explorer - ?

Edge – NPAPI nije podržan

Chrome – NPAPI nije podržan

Java **Plugin**: the JPI will be deprecated in JDK 9 which is due in 2017: JDK9

Forms/Reports 12c – 12.2.1.0.0 (10/2015)

- Prvi službeni release (prije OOW1025)
- Dosta bug-ova
- Dokumentacija nije kompletirana

Forms/Reports 12c – 12.2.1.1.0 (06/2016)

- Ispravljeni bug-ovi (neki od njih):

| | |
|----------|---|
| 22224336 | REP-56048 WITH PDF SUBSETTING 12C |
| 22588258 | REP-34304 : DISTRIBUTION FAILED TO COMPLETE , WHEN USING DISTRIBUTE=YES |
| 20089706 | SHOWJOBS FOR IN-PROCESS REPORTS SERVER DOES NOT SHOW RECENT JOBS |
| 22911305 | EM 12C LDAP RESOURCE ADMIN ERROR - INVALID LOGIN. ENTER CORRECT LDAP CREDENTIAL |
| 22627245 | PROGRAMMATIC NAVIGATION USING GO_ITEM TO CHECK_BOX IN NOT WORKING IN 12.2.1.0.0 |
| 22574298 | COMPILER CRASHES WHEN COMPILING LARGE MENUS IN 12C |
| 22377759 | WUC-24 DOWNLOADING WEBUTIL 12C DLLS |
| 22363534 | CANNOT PASS MULTIPLE FORMS PARAMETERS IN 12C |
| 22336350 | UNABLE TO CREATE RAD FOR FORMS 12C WITH OID AS IDENTITY STORE |
| 22184867 | POPULATE_LIST SOMETIMES CRASHES, OR FAILS WITH FRM-41337 |
| 21887529 | FORMS CRASHES WHEN TESTING READ AND WRITE IMAGE USING WEBUTIL |

Kompletna lista:

https://support.oracle.com/epmos/main/downloadattachmentprocessor?attachid=2067900.1%3A12211_BUGSFIXED&action=inline

Forms/Reports 12c – 12.2.1.2.0 (uskoro?)

- Trenutno na testiranju, datum nije određen



Dokumentacija i download

<http://www.oracle.com/technetwork/developer-tools/forms/downloads/index.html>



System Requirements

RCU Requirements

`jdk-8u102-linux-x64.tar.gz / jdk-8u102-windows-x64.exe`

`fmw_12.2.1.1.0_infrastructure_Disk1_1of1.zip`

`fmw_12.2.1.1.0_fr_linux64_Disk1_1of1.zip / fmw_12.2.1.1.0_fr_win64_Disk1_1of1.zip`

Patch 22861624: UNABLE TO DEPLOY MULTIPLE FORMSAPPS INTO THE SAME MANAGED SERVER

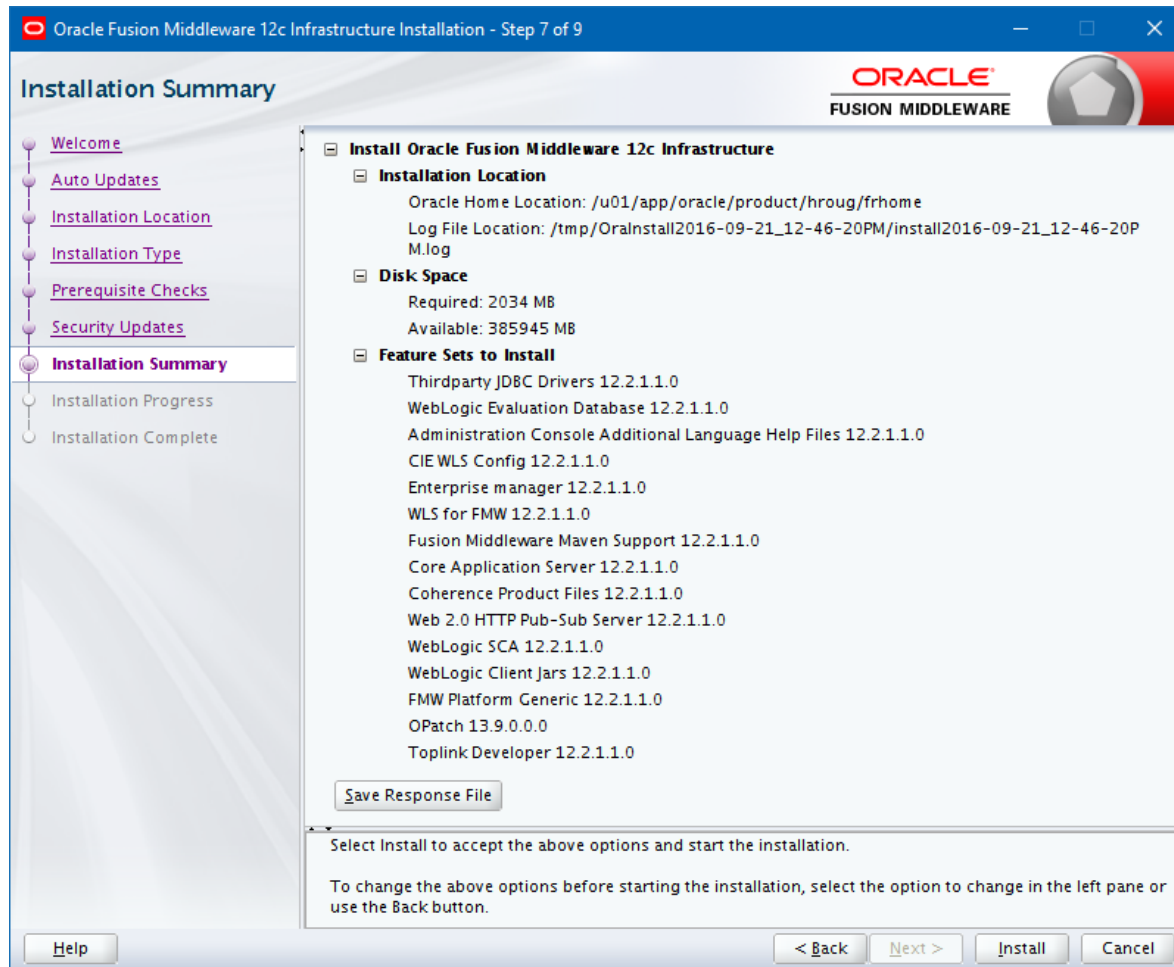
Patch 23123655: VARIOUS FORMS EXIT TRIGGERS ARE UNABLE TO TRAP WEB START WINDOW CLOSING

Infrastructure

fmw_12.2.1.1.0_infrastructure.jar

LOGIN

ET. hroug
godišnja konferencija



Forms and Reports installer

fmw_12.2.1.1.0_linux64.bin / setup_fmw_12.2.1.1.0_fr_win64.exe

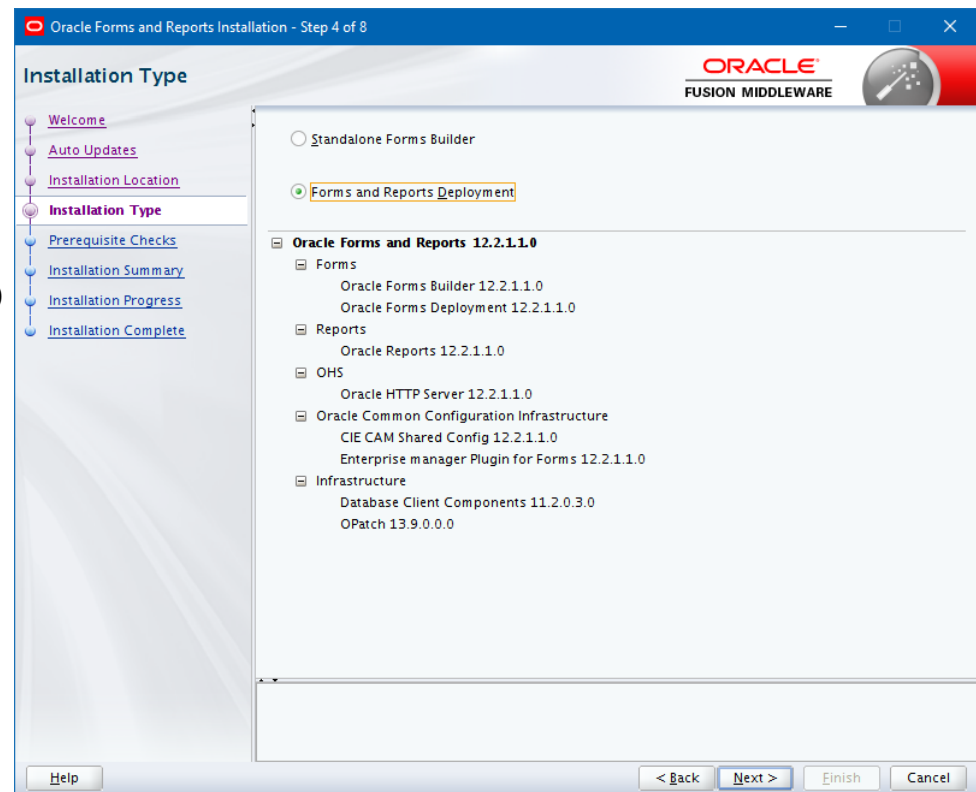
- instalacija u ORACLE_HOME kreiran Infrastructure instalacijom
- dva tipa instalacije

1) Standalone Forms Builder

Instalira se samo Forms Builder
(ORACLE_HOME/oracle_common/common/bin/config_builder.sh)

2) Forms and Reports Deployment

Potpuna instalacija (Forms/Reports/OHS)
Novo u 12c: MR
Zahtjeva bazu podataka za instalaciju MR-a
(broj schema = 5 * broj developera, licence za DB)
MR se ne može dijeliti (za svaku instalaciju novi MR)
Kompromis: Forms Builder 12c / Report Builder 11g



Konfiguracija

ORACLE_HOME/oracle_common/common/bin/config.sh (config.bat)

Prije same konfiguracije potrebno je instalirati MR koristeći RCU:

ORACLE_HOME/oracle_common/bin/rcu

Oracle Database (Target DB for RCU):

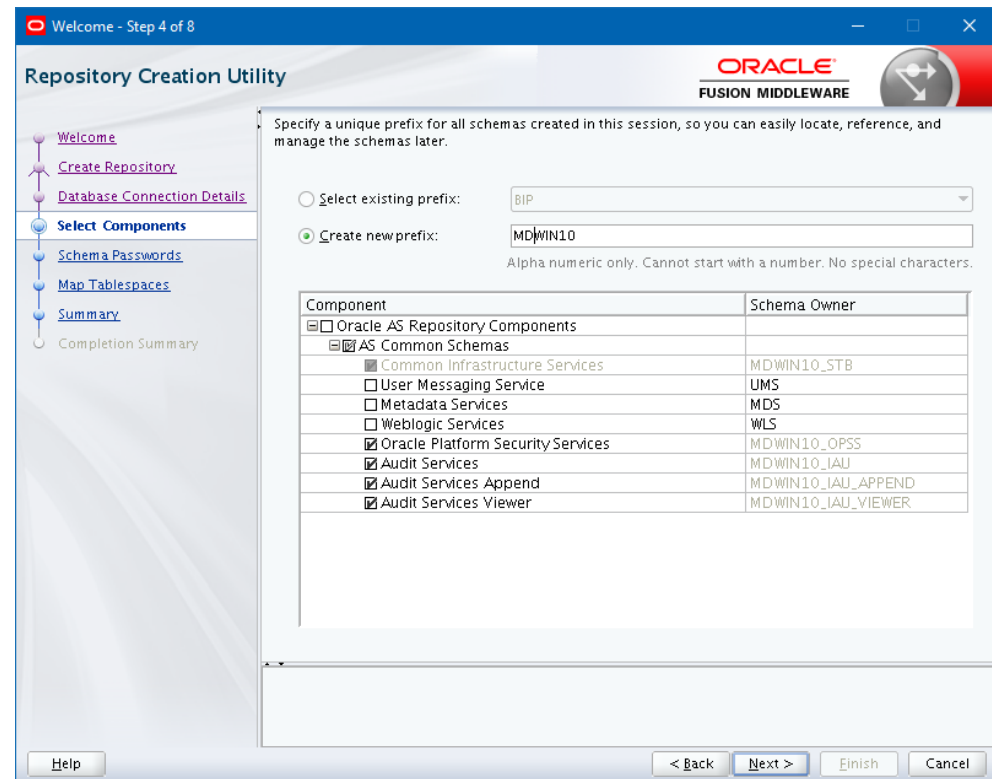
11.2.0.4.0

12.1.0.1.0

12.1.0.2.0

Primjer za prefix (developer):

Inicijali + OS verzija



Konfiguracija

ORACLE_HOME/oracle_common/common/bin/config.sh (config.cmd)

- kreiranje nove domene
- Create Domain using templates:
 - Oracle Reports Server - 12.2.1 [ReportsServerComponent]
 - Oracle Reports Bridge - 12.2.1 [ReportsBridgeComponent]
 - Oracle Reports Application - 12.2.1 [reports]
 - Oracle Reports Tools - 12.2.1 [ReportsToolsComponent]
 - Oracle HTTP Server (Collocated) - 12.2.1 [ohs]
 - Oracle Forms - 12.2.1 [forms]
- Domain mode
 - Development (boot.properties, autocommit mode – EM)
 - Production
- Database configuration (RCU)
- Advance Configuration
 - Administration Server
 - Node Manager
 - Managed Servers, Clusters
 - Machines
 - Systems Components

SIGN IN TO

ORACLE ENTERPRISE MANAGER

FUSION MIDDLEWARE CONTROL 12c

ORACLE WebLogic Server Administration Console 12c

12^c

Konfiguracija

- Posljednja dva koraka nakon konfiguracije

1) Report tools instance (Report Builder, Forms/Reports integracija)

```
ORACLE_HOME/oracle_common/common/bin/wlst.sh (cmd)
connect('weblogic','weblogic_password','hostname:Admin_server_port')
createReportToolsInstance('instanceName='reptools1',machine='AdminServerMachine')
```

default.env

```
COMPONENT_CONFIG_PATH=DOMAIN_HOME/config/fmwconfig/components/ReportsToolsComponent/reptools1
```

2) Standalone report server

```
ORACLE_HOME/oracle_common/common/bin/wlst.sh (cmd)
connect('weblogic','weblogic_password','hostname:Admin_server_port')
createReportServerInstance('instanceName='my_server1',machine='AdminServerMachine')
```

- Pokretanje servisa (start/stop)

```
startWeblogic.sh
startManagedServer.sh
startNodeManager.sh
```

```
startComponent.sh {help} COMPONENT_NAME {storeUserConfig} {showErrorStack}
```

* *storeUserConfig* – opcija za spremanje podataka za autentifikaciju kod pokretanja komponenti

Lokacija datoteka:

```
user_home/.wlst/nm-key-domain_name.props
user_home/.wlst/nm-cfg-domain_name.props
```

```
[oracle@as ~]$ opmnctl status
Processes in Instance frinst_1
```

| ias-component | process-type | pid | status |
|--------------------|--------------------|------|--------|
| emagent_frinst_1 | EMAGENT | 5939 | Alive |
| RptSvr_as_frinst_1 | ReportsServerComp~ | 7964 | Alive |
| dejvm | DeJVMRuntime | 4270 | Alive |

Lokacija konfiguracijskih datoteka



| Reports | Location in 12c (12.2.1) |
|---|--|
| reports.sh rserver.sh rwconverter.sh rwclient.sh rwbuilder.sh rwrn.sh rwdiag.sh | DOMAIN_HOME/reports/bin |
| tnsnames.ora sqlnet.ora | DOMAIN_HOME/config/fmwconfig |
| Standalone Reports Server rserver.conf rwnetwork.conf jdbcpds.conf textpds.conf xmlpds.conf | DOMAIN_HOME/config/fmwconfig/components/ReportsServerComponent/<repservername> |
| In-Process Reports Server rserver.conf rwnetwork.conf jdbcpds.conf textpds.conf xmlpds.conf | DOMAIN_HOME/config/fmwconfig/servers/WLS_REPORTS/applications/reports_12.2.1/configuration |
| Reports Builder rwbuilder.conf rwnetwork.conf jdbcpds.conf textpds.conf xmlpds.conf | DOMAIN_HOME/config/fmwconfig/components/ReportsToolsComponent/reptools1 |
| rwervlet.properties cgicmd.dat | DOMAIN_HOME/config/fmwconfig/servers/WLS_REPORTS/applications/reports_12.2.1/configuration |
| uifont.ali uiprint.txt | DOMAIN_HOME/config/fmwconfig/components/ReportsToolsComponent/reptools1/guicommon/tk/admin |
| persistent file - aka dat file - (<repservername>.dat) | DOMAIN_HOME/reports/server |
| cauprefs.ora, cagprefs.ora (Win), prefs.ora (Unix) | DOMAIN_HOME/config/fmwconfig/components/ReportsToolsComponent/reptools1/tools/admin |
| Forms | Location in 12c (12.2.1) |
| Jar Files – frmall.jar, frmwebutil.jar, etc. | ORACLE_HOME/forms/java |
| webutil DLLS – d2kwut60.dll, JNisharedstubs.dll | ORACLE_HOME/forms/webutil/winXX |
| webutil.cfg, ftrace.cfg | FORMS_INSTANCE/server |
| basejpi.htm, basejpi_jnlp.htm, base.htm, base.jnlp, baseaa.txt, webutilbase.htm, webutiljpi .htm, webutil.jnlp, webutilsaatxt | FORMS_INSTANCE/server |
| Registry.dat | DOMAIN_HOME/config/fmwconfig/servers/WLS_FORMS/applications/formsapp_12.2.1/config/oracle/forms/reg istry |
| Formsweb.cfg, default.env | DOMAIN_HOME/config/fmwconfig/servers/WLS_FORMS/applications/formsapp_12.2.1/config |
| Tnsnames.ora, sqlnet.ora | DOMAIN_HOME/config/fmwconfig (TNS_ADMIN set in default.env points here) |
| Frmweb.res | Windows: FORMS_INSTANCE UNIX: FORMS_INSTANCE/admin/resource/<country>/ |
| Sign_webutil.bat | FORMS_INSTANCE/bin |
| Jvmcontrollers.cfg | FORMS_INSTANCE/tools/jvm/ |
| Frmcmp.sh, frmcmp_batch.sh, frmld.sh | FORMS_INSTANCE/bin |
| cagprefs.ora, cauprefs.ora (windows), prefs.ora (UNIX) | FORMS_INSTANCE/tools/admin |

Reports 12c – posljednji korak

Oracle® Fusion Middleware Release Notes for Oracle Forms and Reports (12.2.1.0)

3.1 Oracle Reports Deprecation Notice

Oracle Reports is **deprecated**. It is included in this 12.2.1 release, but will not be updated in future releases. Similar functionality may be obtained from Oracle BI Publisher.

In 12.2.1 reports administration pages are not available in Enterprise Manager.

As an alternative please use Oracle Reports Servlet and Enterprise Manager MBean browser for reports administration.

Oracle BI Publisher

- separate license
- web interface
- using web services
- Microsoft Word for layouts
- Migration tool – Oracle Reports to BI Publisher

Oracle® Fusion Middleware Release Notes for Oracle Forms and Reports (12.2.1.1)

Nota 3.1 izbačena



Konfiguracija

- Radi se preko EM – Weblogic Domain – System MBean Browser-a ili editiranjem konfiguracijskih datoteka
- Izbačen dio koji se odnosi na statistiku i pregled statusa Report Servera

- Za pregled statusa/izvještaja Report Servera (L0,L1,L2) mogu se koristiti:

- 1) Rwservlet (showjobs, status)
- 2) DBJob status repository (ako se konfigurira)
- 3) Webservice: rwwebservice
http://<hostname>:<WLS_REPORTS_PORT>/reports/rwwebservice?wsdl
- 4) DOMAIN_HOME/reports/bin/rwrqv.sh

rwrqv.sh

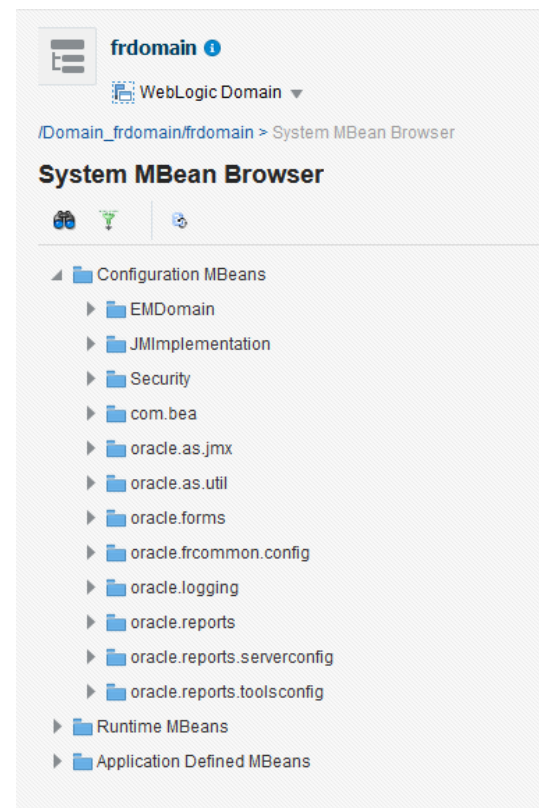
Report Queue Viewer: Release 176.4.16.1.0

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Usage: rwrqv server=<server_name> [[keyword=]value...]

Valid Keywords:

allusers - Show jobs for all users (Default: NO)
showjobs - Show PAST/CURRENT/FUTURE jobs (Default: CURRENT)
details - Show detail information (Default: NO)
shutdown - Shutdown server (IMMEDIATE/NORMAL) (No Default)
authid - Authentication id for server logon (No Default)



Forms 12c –korak naprijed

Novosti

<http://www.oracle.com/technetwork/developer-tools/forms/documentation/oracleforms-12210-newfeatures-2906037.pdf>

BI Publisher integracija

- Report Object Type: OraBIP / OraReports

| | |
|---------------------------------|-----------|
| General | |
| Name | REPORT637 |
| Report Object Type | OraBIP |
| Subclass Information | |
| Comments | |
| BI Publisher Integration | |
| SSL Connection | Mandatory |
| Service Location | |
| Report Path | |
| Report Locale | |
| Report Format | |
| Template Name | |
| Report Parameters | |

- Communicate with Oracle BI-Publisher via Web Services
- All calls to BI-Publisher are asynchronous (forms timer)
- Coding syntax similar to integration with Oracle Reports
- Integration with BI-Publisher can be performance enhanced using the JVM Pooling

Nove opcije za JVM

- loadbalance
 - Random (default)
 - Last_Loaded
 - Round_Robin
- autoremoval
 - Off (default)
 - Aggressive
 - Moderate
 - Conservative

Tab Label Icons

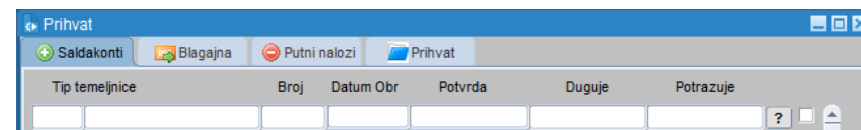
Supports web formatted images (e.g. gif, jpg, etc).

Tab label will grow relative to the image size.

16x16 pixel size recommended.

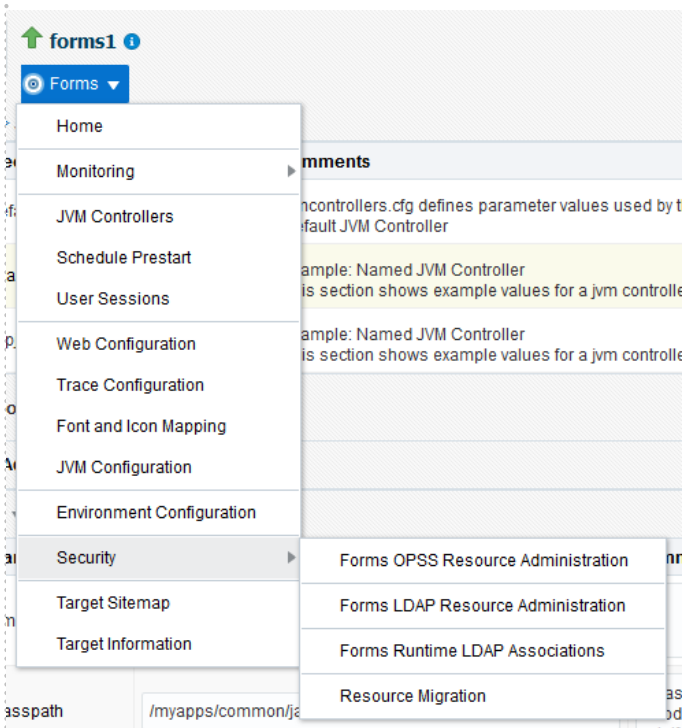
Can only be set in plsql.

```
SET_TAB_PAGE_PROPERTY('mytab1',ICON_NAME,'mypic.gif');
```



OPSS

Integracija sa SSO je zahtjevala LDAP server.
 Remote Access Descriptor (RAD) se može spremi u OPSS.
 Formsi više nisu ovisni o LDAP serveru.
 Korisnik sad može odabrati bilo koji LDAP server koji je podržan od OAM-a.
 Oracle Reports ne podržavaju OPSS.

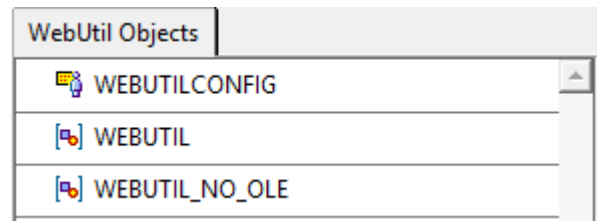


Audio playback

Provides audio playback support.
 Audio files stored in jar files on a remote server.
 Audio files will not be associated with a database record in this release.
 End of file playback can be detected using the Audio Completion System Event.
 Audio playback is based on JavaFX, therefore most audio formats supported by JFX will be supported by Forms with the exception of the streaming formats.
 Playback control includes PLAY, PAUSE, STOP, TOGGLE MUTE.
 formsweb.cfg - separate_jvm = true

WebUtil – no OLE

Novi webutil.olb. Izbačen WEBUTIL_OLE_FUNCTIONS.
 Ne postoji potreba za jacob.jar.



ODL i Forms MESSAGE

Slanje poruka prema ODL-u (generira FRM greške) kod debug-a aplikacije.

Opcije:

| | |
|------------------|-----------|
| ODL_NOTIFICATION | FRM-91934 |
| ODL_WARNING | FRM-91935 |
| ODL_ERROR | FRM-91936 |
| ODL_DEBUG | FRM-91930 |

Primjer:

```
MESSAGE('Poruka', ODL_NOTIFICATION);
```

Record Manager

GET_RECMGR_STATS vraća memory usage.

Parametri:

all_record_data (zbroj donja tri)
archived_record_data
active_record_data
record_anchors

Generira FRM-91955 za ODL. Podaci izraženi u kbytes.

Nove sistemske varijable:

system.recmgr_mapped
system.recmgr_malloced
system.recmgr_mapped_in_use
system.recmgr_mapped_reserved
system.recmgr_written
system.recmgr_written_in_use

Nove (stare) env varijable:

FORMS_RECMGR_ARCHIVE
 FORMS_RECMGR_BLOCK_SIZE
 FORMS_RECMGR_RESERVE_SPACE
 FORMS_RECMGR_ARCHIVE_THRESHOLD
 FORMS_RECMGR_USED_FOR_RECGRPS

Službena dokumentacija ne sadrži podatke za record manager osim kod FRM grešaka.

Forms builder help sustav daje osnovne podatke, ali bez detaljnijih objašnjenja.

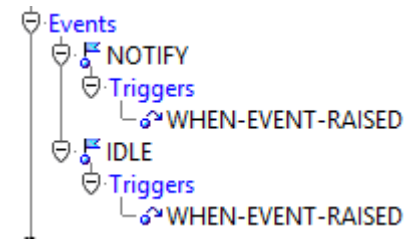
System Events:

- Client-Idle
- DB-Idle
- Single-Sign-Off
- Notification
- Media Completion

```

Declare
  al_id Alert;
  al_button NUMBER;
  not_txt varchar2(255);
  notification_level varchar2(1);
Begin
  notification_level := :SYSTEM.NOTIFICATION_VALUE;
  If :SYSTEM.LAST_EVENT = 'SYSTEM_NOTIFICATION' Then
    Begin
      CASE notification_level
        WHEN '1' THEN
          select poruka into not_txt from mojeporuke where id = 1;
        WHEN '2' THEN
          select poruka into not_txt from mojeporuke where id = 2;
        WHEN '3' THEN
          select poruka into not_txt from mojeporuke where id = 3;
        WHEN '4' THEN
          select poruka into not_txt from mojeporuke where id = 4;
        WHEN '5' THEN
          select poruka into not_txt from mojeporuke where id = 5;
      END CASE;
      al_id := Find_Alert('OBAVIJEST');
      SET_ALERT_PROPERTY(al_id, alert_message_text,not_txt);
      al_button := Show_Alert(al_id);
      exception when no_data_found then
        not_txt := 'Nepoznata poruka';
        al_id := Find_Alert('OBAVIJEST');
        SET_ALERT_PROPERTY(al_id, alert_message_text,not_txt);
        al_button := Show_Alert(al_id);
      end;
    End if;
  End;

```



User Sessions

Forms User Sessions provides the ability to monitor and trace the Forms Sessions belonging to this Forms Instance

View ▾ Stop Enable Tracing... Disable Tracing Notify...

Notify X

Notification Value 1

- 1
- 2
- 3
- 4
- 5

Search Username

| Process ID | Form Name | CPU Usage | Private Memory (KB) | Connect Time | Trace Group | Trace Log | CPU Time | Server Name | Application |
|------------|-----------|-----------|---------------------|-----------------------------|-------------|-----------|--------------|-------------|-------------|
| 5129 | DES... | 0 | 22524 | 2016.09.23 at 14:40:07 CEST | | | 00:00:00.150 | WLS_FORMS | formsapp |

Rows Selected: 1 Columns Hidden: Columns Frozen

Number of sessions: 1

Neke od novina

| Applet parameters | Properties | Env variables |
|----------------------|---|----------------------------|
| idleTimeout | SET_APPLICATION_PROPERTY (RECORD_COUNT_DISPLAYED) | FORMS_SELECT_ON_CLICK |
| ssoLogout | | FORMS_LOGON_HINT |
| customColorScheme | SET_TAB_PAGE_PROPERTY (ICON_NAME) | FORMS_CHANGE_PASSWORD_HINT |
| alwaysOnTop | SET_ITEM_PROPERTY (CURSOR_STYLE) | FORMS_HTTP_PROXY_HOST |
| centerOnStartup | SET_APPLICATION_PROPERTY (MAX_EVENT_WAIT) | FORMS_HTTP_PROXY_PORT |
| isResizable | | FORMS_HTTPS_PROXY_HOST |
| dynamicLayout | GET_APPLICATION_PROPERTY (USER_IP_ADDRESS) | FORMS_HTTPS_PROXY_PORT |
| hideActivityBar | GET_FORM_PROPERTY (FORM_QUERY_ONLY) | FORMS_PROXY_BYPASS |
| WebUtilVersion | | |
| hideClientExceptions | GET_RECMGR_STATS (...) <ul style="list-style-type: none"> - all_record_data - archived_record_data - active_record_data - record_anchors | |

Konfiguracije

Applet embedded in HTML

- Default configuration.
- Support for SSO, SSO Logout, and Java Script integration.
- **Requires Java Plugin and browser.**

JNLP embedded in HTML

- Support for SSO, SSO Logout, and Java Script integration.
- Base64 encodes JNLP code in client side html source.
- **Requires Java Plugin and browser.**

Java Web Start

- Limited SSO support (requires browser).
SSO cookie will not be shared with browsers launched from Forms.
- No support for SSO Logout or Java Script Integration.
- Requires either JDK or Java Plugin (JRE).
- **Browser optional** (required with SSO).
- Presents application with native appearance.

Standalone

- No support for SSO, SSO Logout or Java Script Integration.
- Requires either JDK or Java Plugin (JRE) installation.
- **Browser not required.**
- Presents application with native appearance .

Standalone application launcher (fsal)

Sve informacije i primjer na `/forms/html/fsal.hmt`.

Potrebno je napraviti download datoteke `frmsal.jar` i kreirati web konfiguraciju.

Za pokretanje potrebno je instalirati JDK ili JRE.

Sintaksa:

```
java -jar frmsal.jar -url "http(s)://<HOST:PORT>/forms/frmservlet?config=<config>" -t <timeout in ms>
```

Novi parametri: `baseSAAfile`, `fsalcheck`.

Uvjerljivo najbrži način pokretanja forms aplikacija (ako ste na lokalnoj mreži).

Minus:

Kod pokretanja uvijek radi download jar datoteka (ne koristi princip cache-a)???




Oracle Forms Services Stand-alone Application Launcher

Overview:

The Oracle Forms Stand-alone Application Launcher (FSAL) offers an alternative way for end-users to run Oracle Forms applications. FSAL offers a browser-less, more client/server-like interface. As a result of not using a browser, FSAL does not use the Java Plugin component of a Java Runtime Environment (JRE) or Java Developer Kit (JDK). All that is required to run FSAL on the end-user machine is a [Java](#) installation. This can be either the JDK or the JRE. To determine which Java versions are supported, please contact your administrator.

How To Use:

1. Download the FSAL from here: 
2. Open a shell (e.g. `cmd` on Windows) and change directories to where the above file was saved.
3. Enter the following to run your application. The URL value should be provided by your Administrator.

```
java -jar frmsal.jar -url "<URL>" -t <time in milliseconds>
```

Example:

```
java -jar frmsal.jar -url "http://myFormsServer:8888/forms/frmservlet?config=fsal" -t 30000
```

Additional Usage:

Webstart

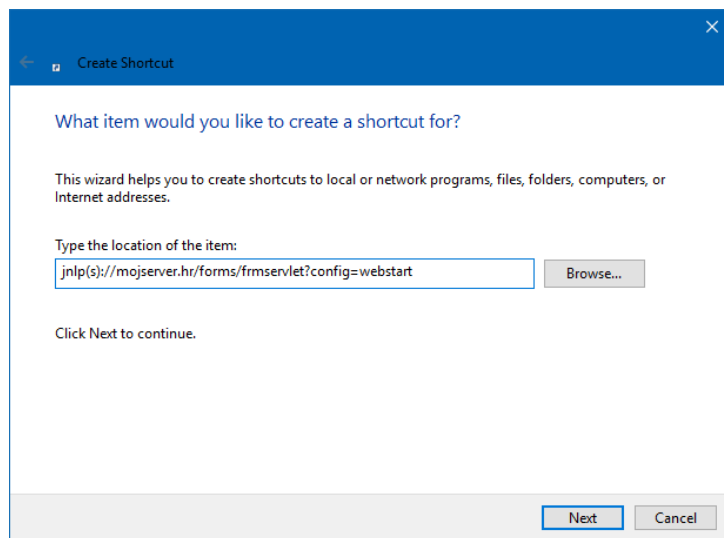
JNLP - The Java Network Launch Protocol (JNLP) enables an application to be launched on a client desktop by using resources that are hosted on a remote web server. Java Plug-in software and Java Web Start software are considered JNLP clients because they can launch remotely hosted applets and applications on a client desktop.

Za pokretanje potrebno je instalirati JDK ili JRE. JNLP/JNLPS zahtjeva javu 8u92 i noviju.

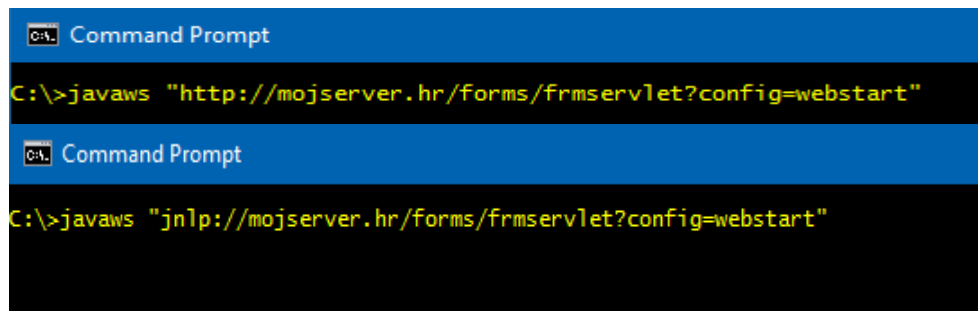
Kako koristiti webstart:



Desktop shortcut



Command prompt



Browser



Forms Helper Script - *frmconfighelper.sh*

Lokacija: ORACLE_HOME/forms/provision

- Brza i jednostavna izmjena okoline nakon instalacije
- Ne koristi se WLST
- Izbjegavanje grešaka u konfiguraciji
- Jednostavno dodavanje novih servera za pokretanje formasa
- Omogućavanje SSO preko Oracle Access Manager-a

Forms configuration helper script

This script helps administrators perform some of the Forms related configuration tasks

- **Important**:** - Please **backup** the Weblogic domain before performing any administration tasks on it using this script.
- You can run `enable_sso`, `enable_webgate` and `enable_sso_ssl` options only once.

`frmconfighelper.sh <option> <arguments>`

options:

- `enable_ohs` <domain-home> <ohs-instance> <forms-managed-server1-host> <forms-managed-server1-port> [<forms-managed-server2-host> <forms-managed-server2-port>..]
- `create_machine` <wls-machine-name> <machine-host-name>
- `create_managed_server` <managed-server-name> <wls-machine-name> <managed-server-port> <standalone>
- `deploy_app` <new-context-root> <new-servlet-alias> <target>
- `update_app` <new-context-root> <new-servlet-alias>
- `enable_sso` <oam-host> <oam-port> <ohs-host> <ohs-port> <domain-home> <ohs-instance>
- `enable_sso_ssl` <oam-host> <oam-port> <ohs-host> <ohs-ssl-port> <ohs-non-ssl-port> <domain-home> <ohs-instance>
- `enable_webgate` <domain home> <ohs-instance>
- help (or no option): prints help

Primjer: Novi managed server, nova forms aplikacija – novi context-root.

frmconfighelper.sh `create_managed_server WLS_ERP` as.login.hr 9905

| <input type="checkbox"/> | Name | Type | Cluster | Machine | State | Health | Listen Port |
|--------------------------|--------------------|------------|--------------------------|-------------|----------|---------------|-------------|
| <input type="checkbox"/> | AdminServer(admin) | Configured | | as.login.hr | RUNNING | ✔ OK | 9901 |
| <input type="checkbox"/> | WLS_ERP | Configured | cluster_forms_customApps | as.login.hr | RUNNING | ✔ OK | 9905 |
| <input type="checkbox"/> | WLS_FORMS | Configured | cluster_forms | as.login.hr | SHUTDOWN | Not reachable | 9902 |
| <input type="checkbox"/> | WLS_REPORTS | Configured | cluster_reports | as.login.hr | SHUTDOWN | Not reachable | 9903 |

frmconfighelper.sh `deploy_app mojerp mojerpservlet WLS_ERP`

▲ Forms Deployments

View Detach

| Forms Application | WLS Instance | Status | Number Of Forms Sessions | Servlet URL | New Connections | Web Configuration | Environment Configuration |
|-------------------|--------------|--------|--------------------------|--|-----------------|--------------------|---------------------------|
| mojerpapp | WLS_ERP | ↑ | 0 | http://as.login.hr:9905/mojerp/mojerpservlet | ✔ | Web Configurati... | Environment Configur... |
| formsapp | WLS_FORMS | ↑ | 0 | http://as.login.hr:9902/forms/frmservlet | ✔ | Web Configurati... | Environment Configur... |

URL: `http://as.login.hr/mojerp/mojerpservlet?config=webstart`

`update_app` – ažuriranje forms aplikacije na novom serveru. Uvijek se radi nakon instalacije zakrpa za formse (na WLS_FORMS).

Pitanja i Odgovori

