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**New Features in JDeveloper 11g Release 2
for Oracle ADF Developers**

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OO16
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Oracle JDeveloper 11g Release 2 (11.1.2.1)

- JDeveloper 11.1.2.1 – Major New Release
 - Focus on performance and user experience
 - Maven integration
 - ADF Framework Improvements
 - JSF 2.0
 - ADF Faces Skinning Editor
 - Many, many more in every area of the product
- We Explore an Interesting Subset Here
 - But, see tinyurl.com/jdev11gr2new for complete list

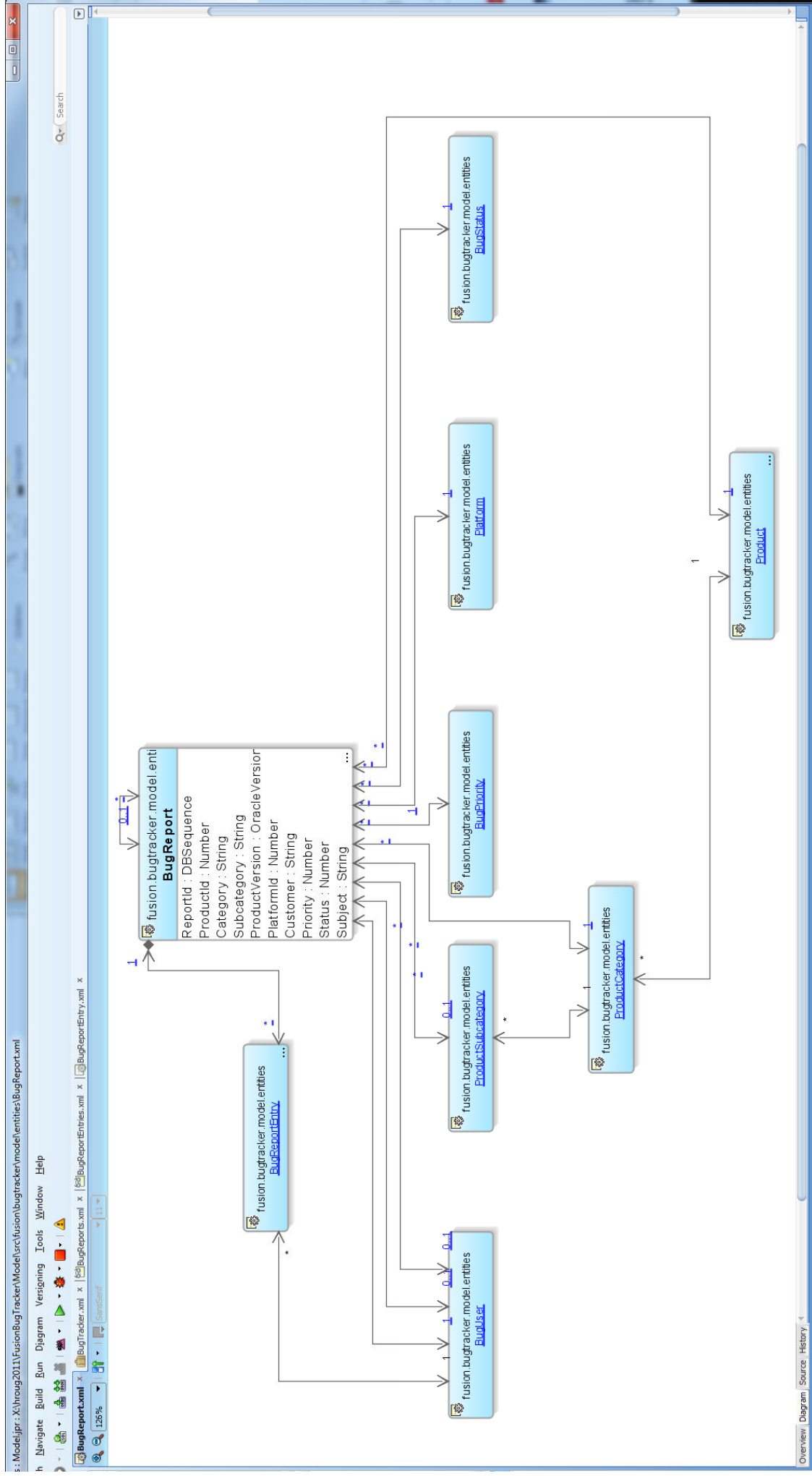
ADF Hot Reload Speeds Development, Maintenance When Running on Integrated WebLogic Server

- Step 1: Change ADF Metadata and JSF Artifacts
- Step 2: Rebuild
- Step 3: Refresh Your Browser...
 - ...in a New ADF Session by Removing URL Parameters

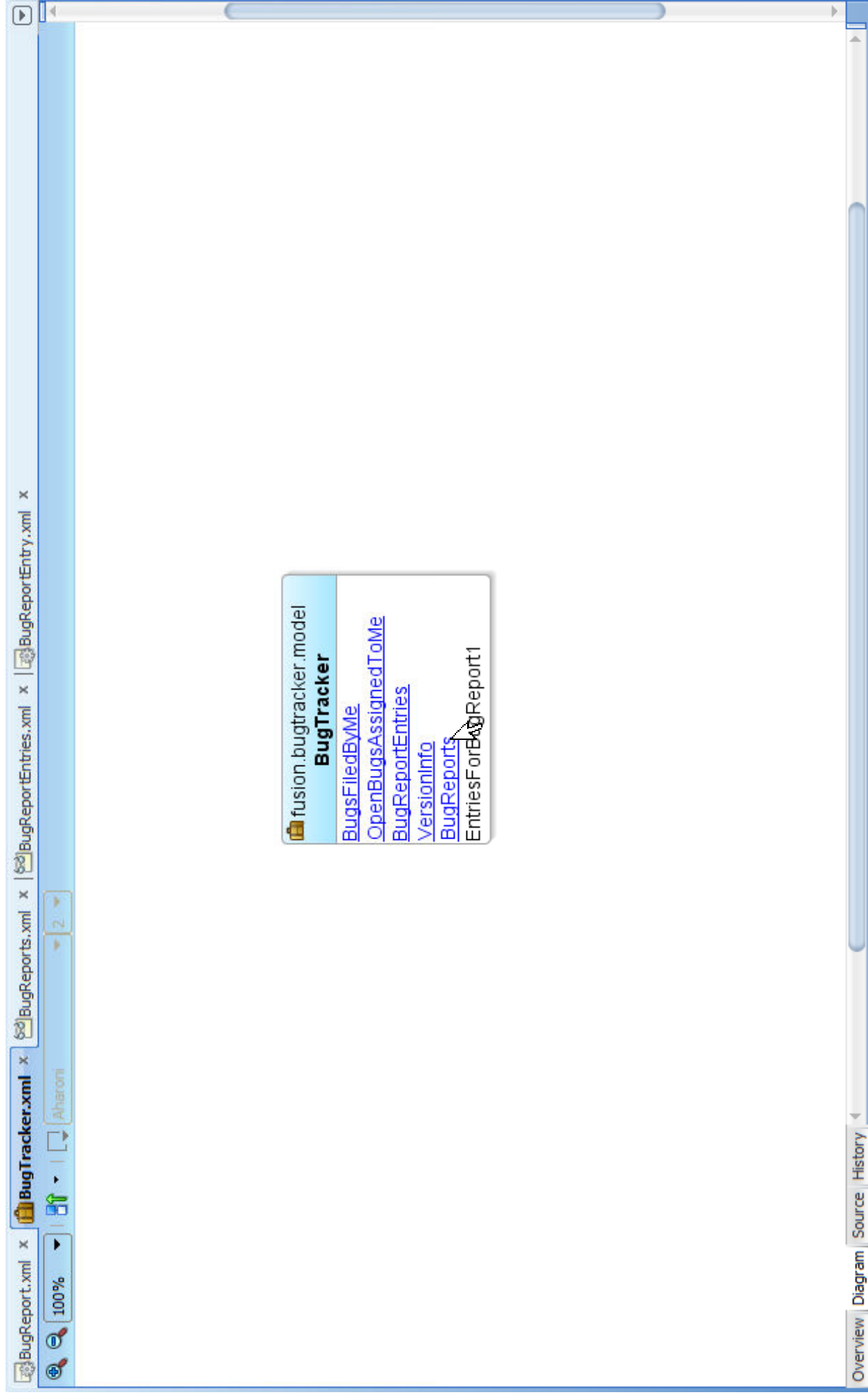
Hot Reload Demo

- Add Loc EO Attr
- Add Loc VO Attr
- Drop Loc InputText Field w/ Label
- Rebuild App & Refresh
- Make Dname EO & VO Attr Updateable
- Add validation rule
- Rebuild App & Refresh

Instant ADFBC Diagrams Give You the Big Picture



Navigate Component Relationships Easily



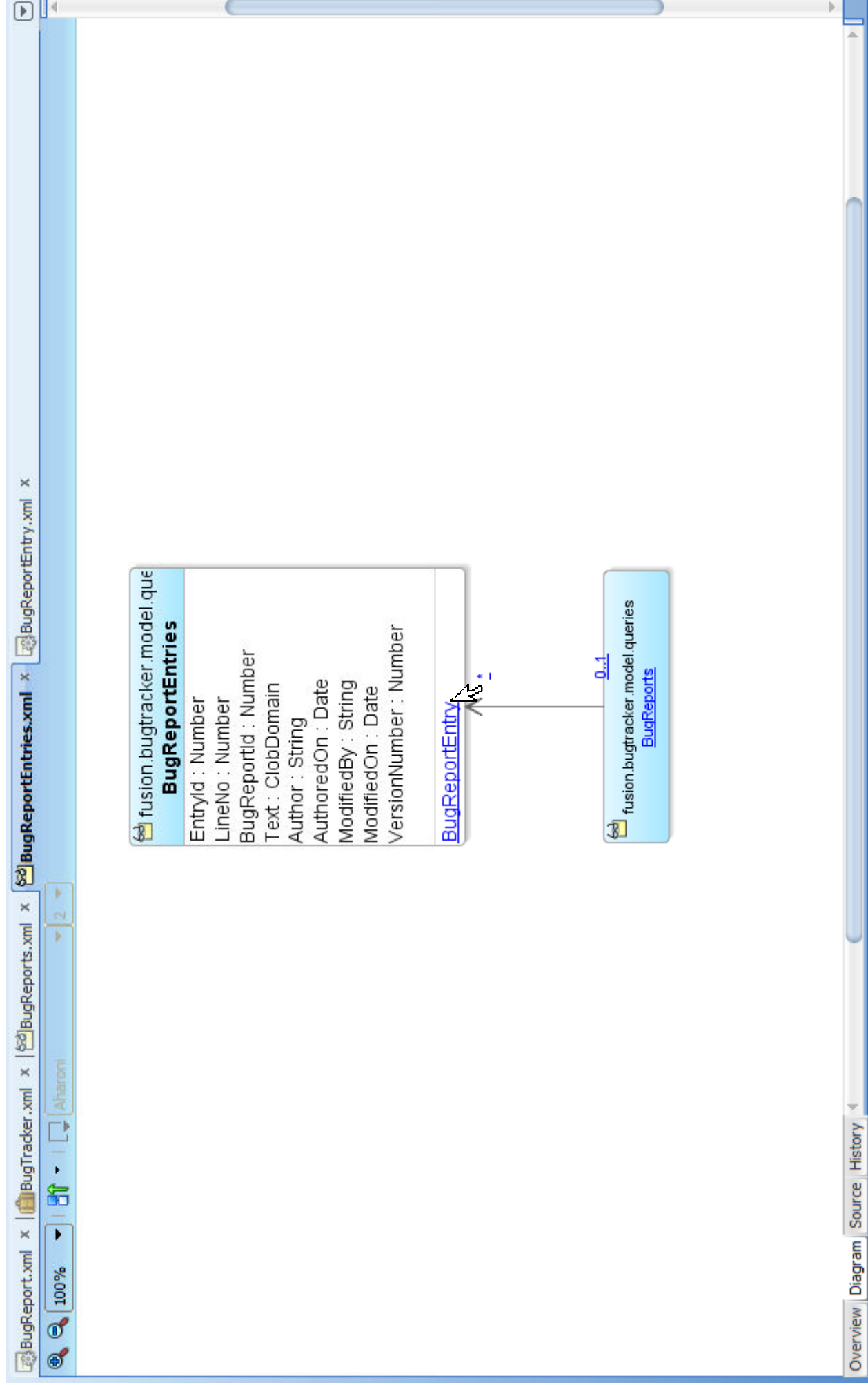
Navigate Component Relationships Easily

The screenshot shows an IDE window with several tabs: BugReport.xml, BugTracker.xml, BugReports.xml, BugReportEntries.xml, and BugReportEntry.xml. The main editor displays a component diagram with two nodes: 'fusion.bugtracker.model.queries.BugReportEntries' and 'fusion.bugtracker.model.que.BugReports'. A mouse cursor is hovering over the 'BugReportEntries' node, and a tooltip is visible for the 'BugReports' node. The tooltip lists the following properties:

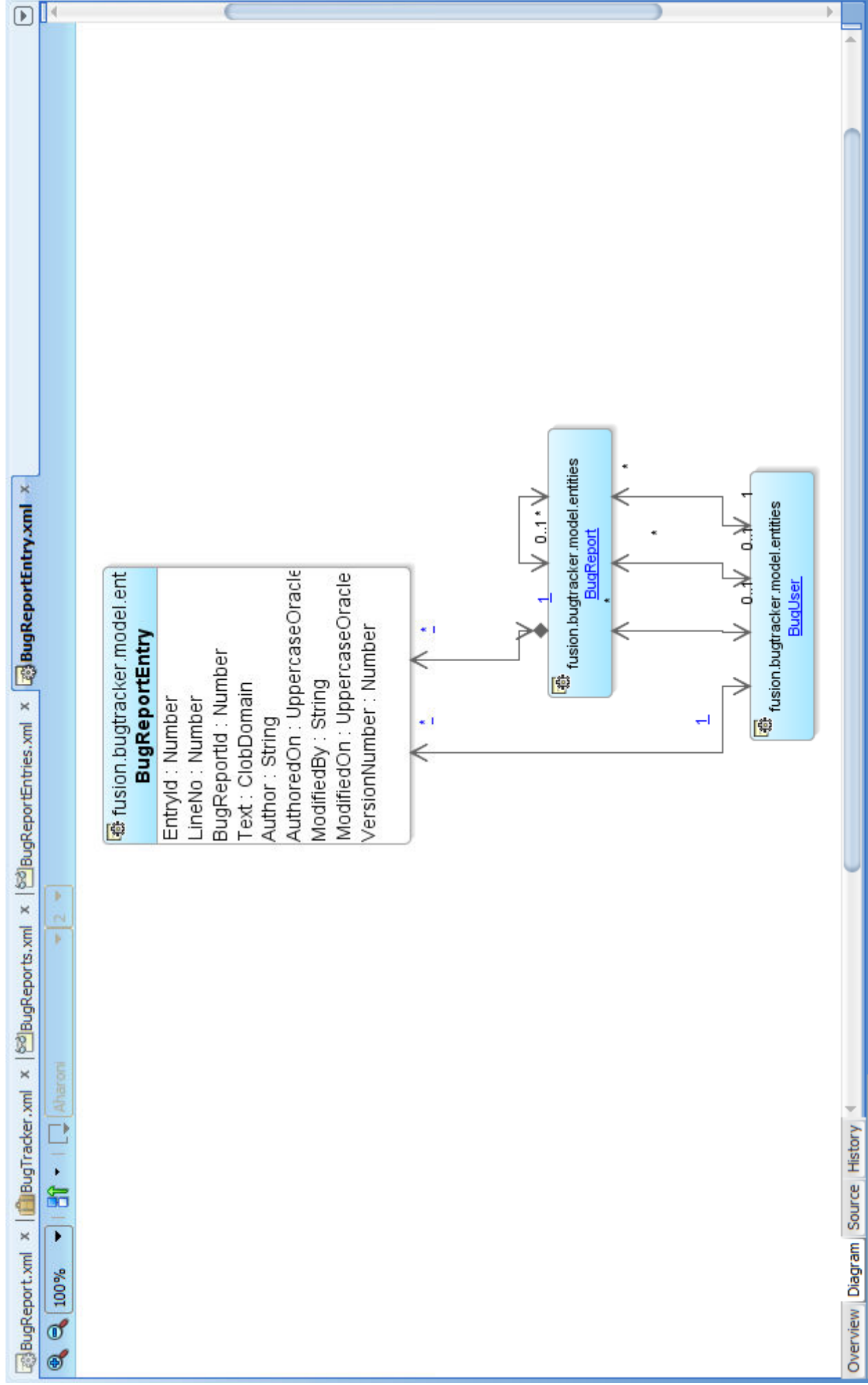
- ReportId : DBSequence
- ProductId : Number
- Category : String
- Subcategory : String
- ProductVersion : OracleVersion
- PlatformId : Number
- Customer : String
- Priority : Number
- Status : Number
- Subject : String

The tooltip also includes a 'BugReport' link and a version number '0..1'. The IDE interface includes a toolbar with icons for zooming, a 'SansSerif' font dropdown, and a '11' size dropdown. The bottom status bar shows 'Overview', 'Diagram', 'Source', and 'History' tabs.

Navigate Component Relationships Easily



Toggle at Any Time to Overview or Source



Modelless ADFBC Object Editors

Oracle JDeveloper 11g Release 2 - CustomLOVContents.jws : Model.jpr

File Edit View Application Refactor Search Navigate Build Run Versigning Tools Window Help

Application x Run Manager x EmpView.xml x EmpView.xml x EmpView.xml x

Projects

- CustomLOVContents
 - Dept
 - DeptView
 - Emp
 - EmpView
 - ManagerOf
 - ManagerOfAssoc
 - Managers
 - WorkstnDeptAssoc
- Application Resources
 - Data Controls
 - AppModuleDataControl

Recently Opened Files

EmpView.xml - Structure

- EmpView
 - SQL Query
 - Data
 - Properties
 - Attributes
 - Empno
 - Ename
 - Job
 - Mgr
 - Hiredate
 - Sal
 - Comm
 - Deptno
 - Dname
 - Deptno1
 - MgrEname
 - Empno1
 - Alternate Keys
 - View Criteria
 - Publisher
 - ViewLink Accessors

Opened nodes (41): Saved files(3)

Attributes

View object attributes can be mapped to entity attributes, calculated or SQL-derived.

Name	Type	Alias Name	Entity Usage
Job	String	JOB	Emp
Mgr	Integer	MGR	Emp
Hiredate	Timestamp	HIREDATE	Emp
Sal	BigDecimal	SAL	Emp
Comm	BigDecimal	COMM	Emp
Deptno	Integer	DEPTNO	Emp
Dname	String	DNAME	Dept
Deptno1	Integer	DEPTNO1	Dept
MgrEname	String	EMAME1	Mgr
Empno1	Integer	EMPNO1	Mgr

Details

Display Hint: Manager's Name

Label: <none>

Tooltip: <none>

Format Type: <none>

Format: <none>

Control Type: Choice List

Display Width: 15

Display Height: Detail

Form Type: Detail

Field Order: Default

Category: Default

Auto Submit: False

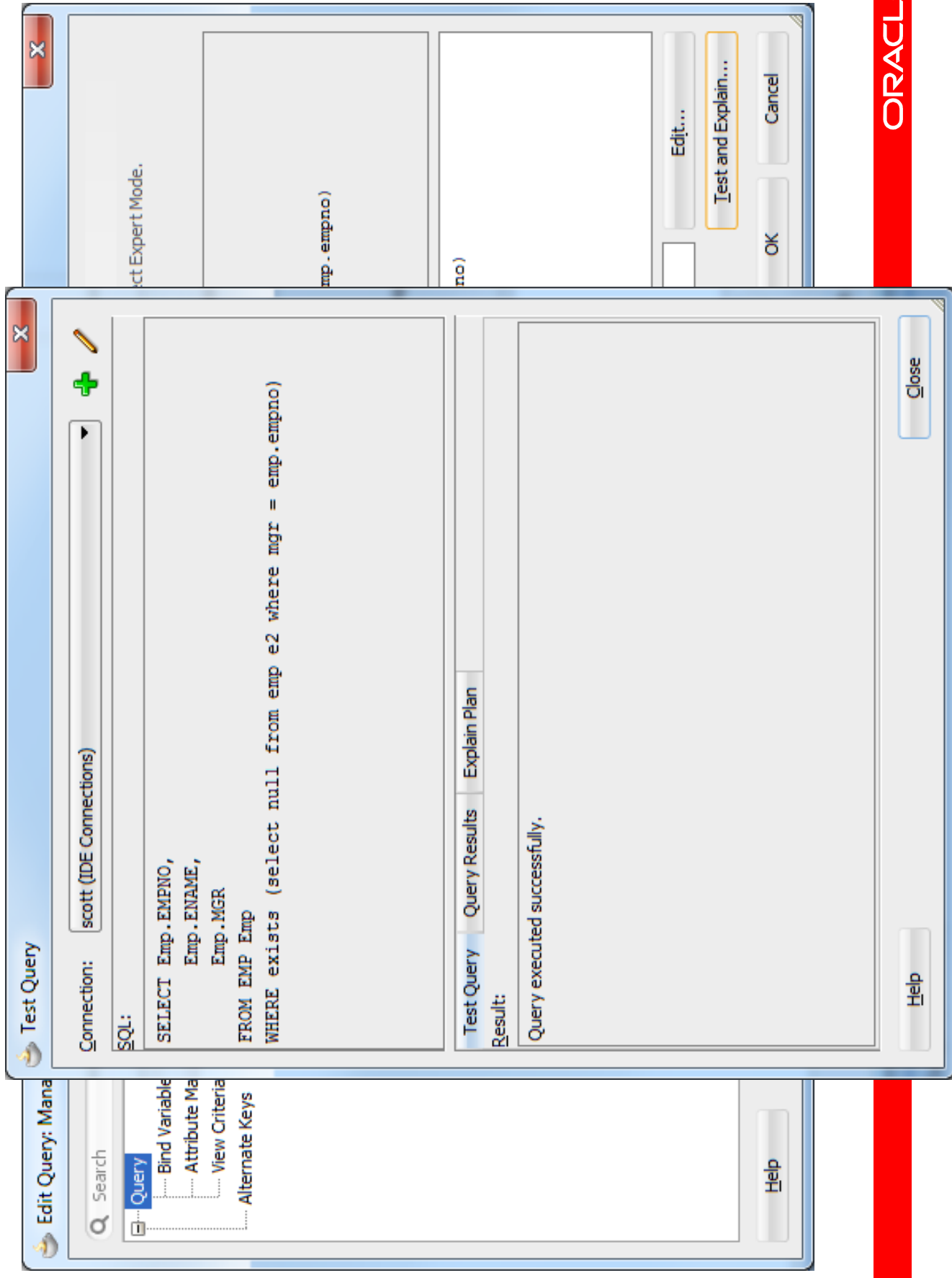
Overview Diagram Source History Log

Editing

Modeless ADFBC Object Editors: Demo

- **Select Columns You Want to See**
- **Reorder the Columns How You Like**
- **Sort the Columns How You Like**
- **Use "Set Source Order" to Change the XML Order**
- **Add "Source Order" Column & Sort By It As Needed**

Test Syntax, Results, and Explain View Objects



Test and Explain View Objects

The screenshot shows the 'Test Query' dialog box in Oracle SQL Developer. The dialog is titled 'Test Query' and shows the connection 'scott (IDE Connections)'. The SQL query is:

```
SELECT Emp.EMPNO,  
       Emp.ENAME,  
       Emp.MGR  
FROM EMP Emp  
WHERE exists (select null from emp e2 where mgr = emp.empno)
```

The results are displayed in a table with the following data:

EMPNO	ENAME	MGR
7566	JONES	7839
7698	BLAKE	7839
7782	CLARK	7839
7788	SCOTT	7566
7839	KING	(null)
7902	FORD	7566

The dialog also includes buttons for 'Edit...', 'Test and Explain...', 'OK', and 'Cancel'. The 'Test and Explain...' button is highlighted with a yellow border. In the background, the 'Edit Query: Mana...' dialog is partially visible, showing a search bar and a list of options: 'Query', 'Bind Variable', 'Attribute Ma', 'View Criteria', and 'Alternate Keys'.

Test and Explain View Objects

The screenshot displays the Oracle SQL Developer interface. The 'Test Query' dialog box is open, showing the following SQL query:

```
SQL:
SELECT Emp.EMPNO,
       Emp.ENAME,
       Emp.MGR
FROM EMP Emp
WHERE exists (select null from emp e2 where mgr = emp.empno)
```

The 'Explain Plan' tab is selected, showing the execution plan for the query:

OPERATION	OBJECT_NAME
SELECT STATEMENT	
MERGE JOIN	
TABLE ACCESS	EMP
INDEX	EMPLOYEE_PK
SORT	
Access Predicates	
MGR=EMP.EMPNO	
Filter Predicates	
MGR=EMP.EMPNO	
TABLE ACCESS	EMP
Filter Predicates	
MGR IS NOT NULL	

The 'Test and Explain...' button is highlighted in yellow. The 'Edit Query: Manager' dialog box is also visible in the background, showing a search for 'Query' and a list of options including 'Bind Variable', 'Attribute Ma', 'View Criteria', and 'Alternate Keys'.

Using the ADF Unique Id Generator

- Run `bc4juniqueId.sql`
- Use a Groovy Default Expression of:
 - `oracle.jbo.server.uniqueid.UniqueIdHelper.nextId`
- Configure a Connection named `ROWIDAM_DB`

Structured Amount & Currency in Service Interface

The screenshot shows the Oracle Service Interface configuration for the **BidAmount** attribute. The **Attributes** table lists the attribute with its type and usage. The **Details** tab shows the configuration for the **BidAmount** attribute, including its name, display name, type, and XSD type. A callout box highlights the XSD type configuration, showing the **SDO Property** checked, the **XSD Type** set to `{http://xmlns.oracle.com/adf/svc/types/}AmountType`, and the **currencyCode** set to `BidCurrency`.

Name	Type	Alias Name	Entity Usage	Info
Id	Long	ID	AuctionBid	
ItemId	Long	ITEM_ID	AuctionBid	
BidAmount	Double	BID_AMOUNT	AuctionBid	
BidCurrency	String	BID_CURRENCY	AuctionBid	
Quantity	Double	QUANTITY	AuctionBid	
UnitOfMeasure	String	UNIT_OF_MEASURE	AuctionBid	

Attributes
View object attributes can be mapped to entity attributes, calculated or SQL-derived.

Details | UI Hints | Entity Attribute | Dependencies | Custom Properties | List of Values

Name: BidAmount
Display Name: Bid Amount
Description:
Type: Double
Property Set: <None>
Default Value: Literal (selected) | Expression | SQL
Refresh Expression Value:
Polymorphic Discriminator: View (selected) | Entity
Subtype Value:
Effective Date: Start Date | End Date

Service
 SDO Property
XSD Type: {http://xmlns.oracle.com/adf/svc/types/}AmountType
currencyCode: BidCurrency

SDO Property
XSD Type: {http://xmlns.oracle.com/adf/svc/types/}AmountType
currencyCode: BidCurrency

Overview | Diagram | Source | History

Custom LOV Using the searchContent Facet

Search and Select: Dname Advanced

Search

Match All Any

Deptno

Dname

Loc

Search Reset

Dname	Dep	Loc
ACCOUNTING	10	NEW YORK
RESEARCH	20	DALLAS
SALES	30	CHICAGO
OPERATIONS	40	BOSTON

OK Cancel

Standard LOV

Custom LOV

Search and Select: Manager's Name

▼ KING

▼ JONES

▶ SCOTT

▶ **FORD**

BLAKE

▶ CLARK

OK Cancel

Contextual Event Debugging

The screenshot displays the Oracle JDeveloper IDE interface for debugging a JSF application. The main window shows the 'Page Data Binding Definition' for 'DepartmentsViewPageDef.xml'. The 'Data Binding Registry' is set to 'adf:sample/oramag/view/DataBindings.cpx'. The 'Event Type' is 'Value Change Event'. The 'Publishers' list includes 'departmentNameChange' and 'commandActionCustPayload'. The 'Event Publishers' table shows the following details:

Event Publishers:
Name
<ANY>
DepartmentName

The 'Custom Payload Value:' field is empty. The 'Overview' tab shows the 'ADF Lifecycle Phase: JSF Invoke Application' with a tree view of the application structure, including 'ADF Context', 'Browser', 'Application Data', 'adf-config', and 'DepartmentsView'. The 'ADF Structure' tab shows the project structure, including 'META-INF', 'WEB-INF', 'Web Content', 'Page Flows', and 'DepartmentsView.jspx'. The 'Debugging' tab shows the 'ADF Data' view, which displays the 'Value' of the 'DepartmentName' property as 'OramagazineMirror1' and 'OramagazineMirror2'.

Improved Groovy Editing

The screenshot displays the 'Business Rules' configuration in an IDE. The left sidebar shows the project structure with 'EmployeesView' selected. The main area shows a tree view of rules and their expressions:

- EmployeesView
 - View Accessors
 - emps.vo.EmployeesView.DepartmentsView1
 - deptName
 - Value Expression: Accounting
 - Bind Variables
 - SalaryBind
 - Value Expression: 10000
 - Attributes
 - EmployeeId
 - FirstName
 - LastName
 - Email
 - PhoneNumber
 - HireDate
 - Value Expression: adf.currentDate
 - JobId
 - Salary
 - CommissionPct
 - ManagerId

The 'Script Expression' field at the bottom contains the text: `1 adf.currentDate`

UI Categories Tab

EmployeesView.xml x

UI Categories

UI categories are used for dynamic user interfaces. Categories are presented as titled groups in the UI.

Drag and drop to sequence attributes within categories.

UI Hints

Categories + X

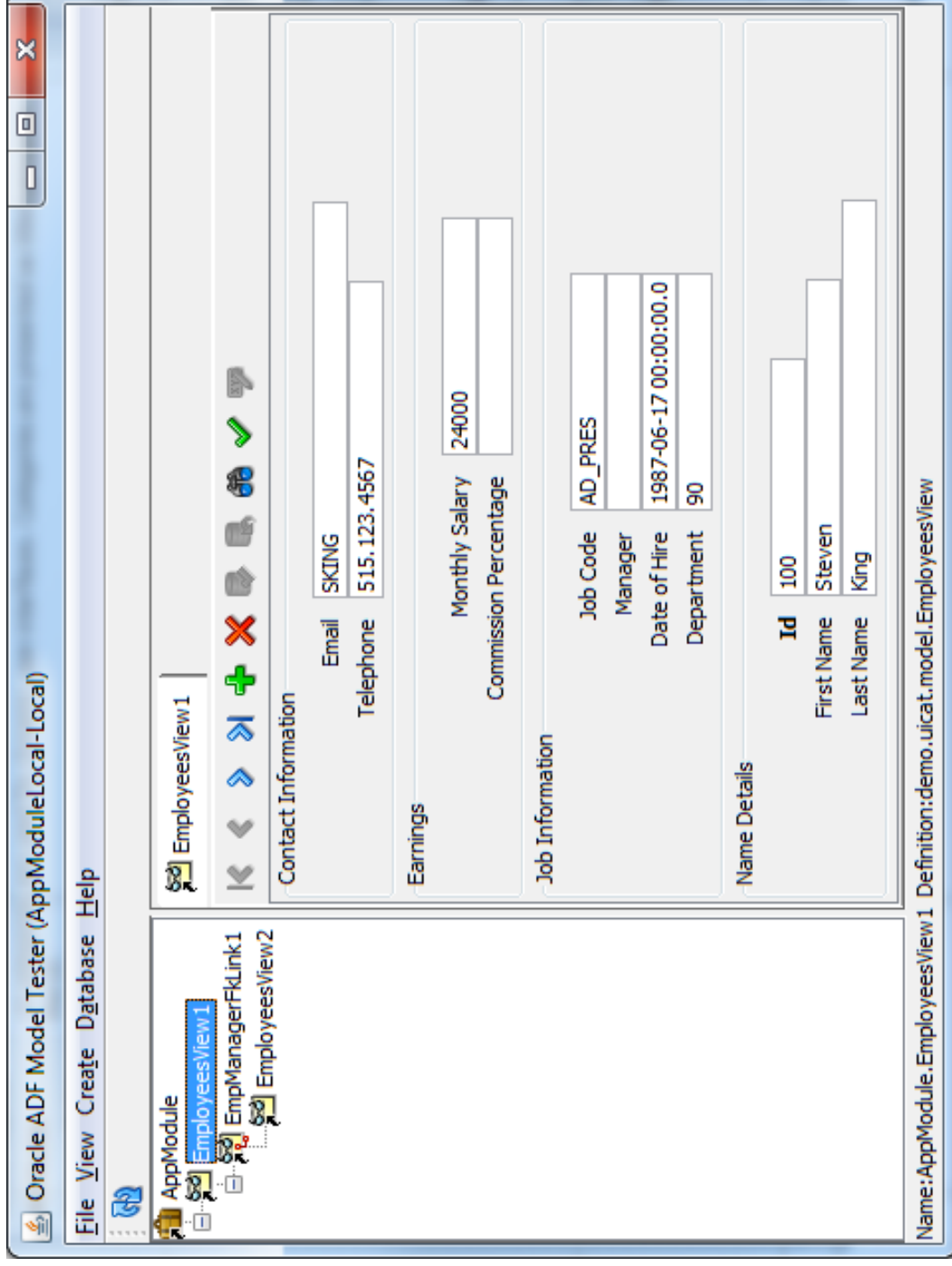
- Default
 - EmployeeId
 - FirstName
 - LastName
- ContactInfo
 - Email
 - PhoneNumber
- JobInformation
 - JobId
 - ManagerId
 - HireDate
 - DepartmentId
- Compensation
 - Salary
 - CommissionPct

Label: Name Details

Tooltip:

Overview Diagram Source History

UI Categories: ADF BC Tester



UI Categories: Dynamic JSF Form

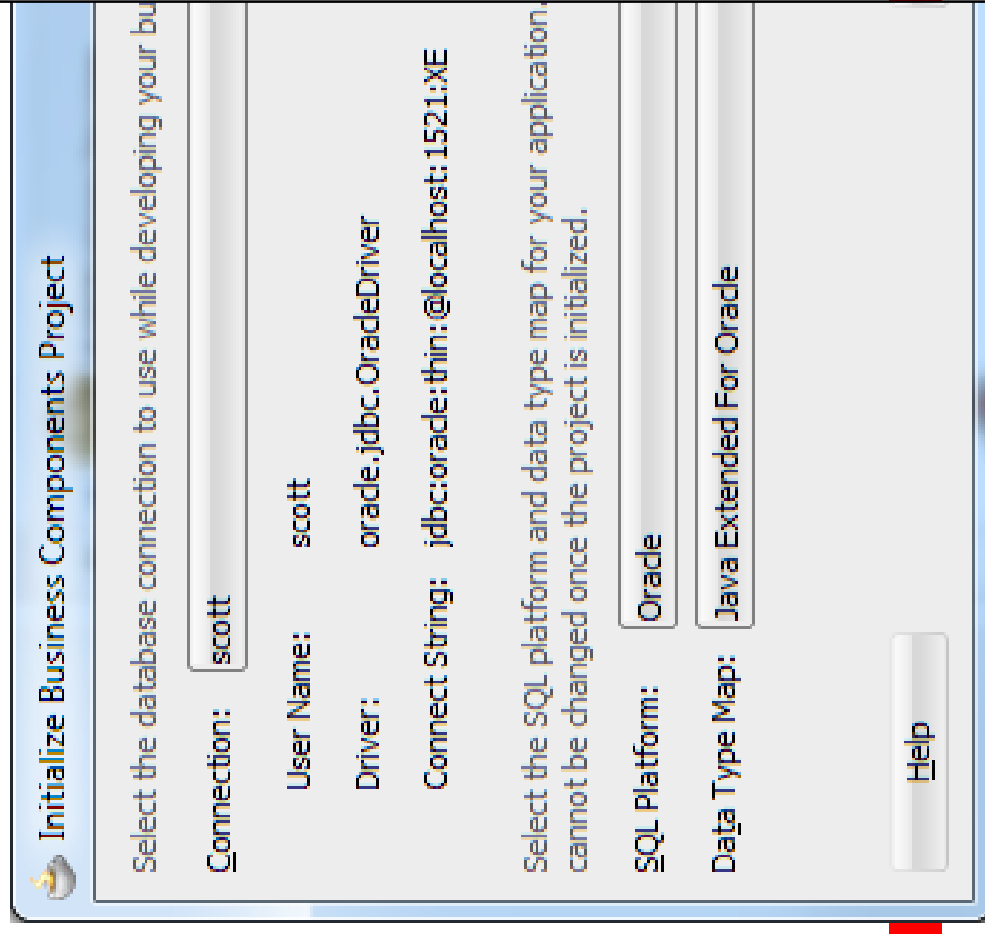


The screenshot shows a web browser window with the following details:

- Browser title: DynamicEmployees.jspx
- Address bar: 127.0.0.1:7101/UICatego
- Form sections and fields:
 - Name Details**
 - * Id: 100
 - First Name: Steven
 - * Last Name: King
 - Contact Information**
 - * Email: SKING
 - Telephone: 515.123.4567
 - Job Information**
 - * Job Code: AD_PRES
 - Manager: [empty]
 - * Date of Hire: 6/17/1987
 - Department: 90
 - Earnings**
 - Monthly Salary: 24000
 - Commission Percentage: [empty]

Change in Default Datatypes

- From Oracle Domains to "Java Extended for Oracle"
- Matches Default Datatypes Fusion Apps Usages
- Oracle JDBC driver has now optimized native Java number and date types
- ADFBC domains are still supported and valid, but not needed for optimized data access any more.



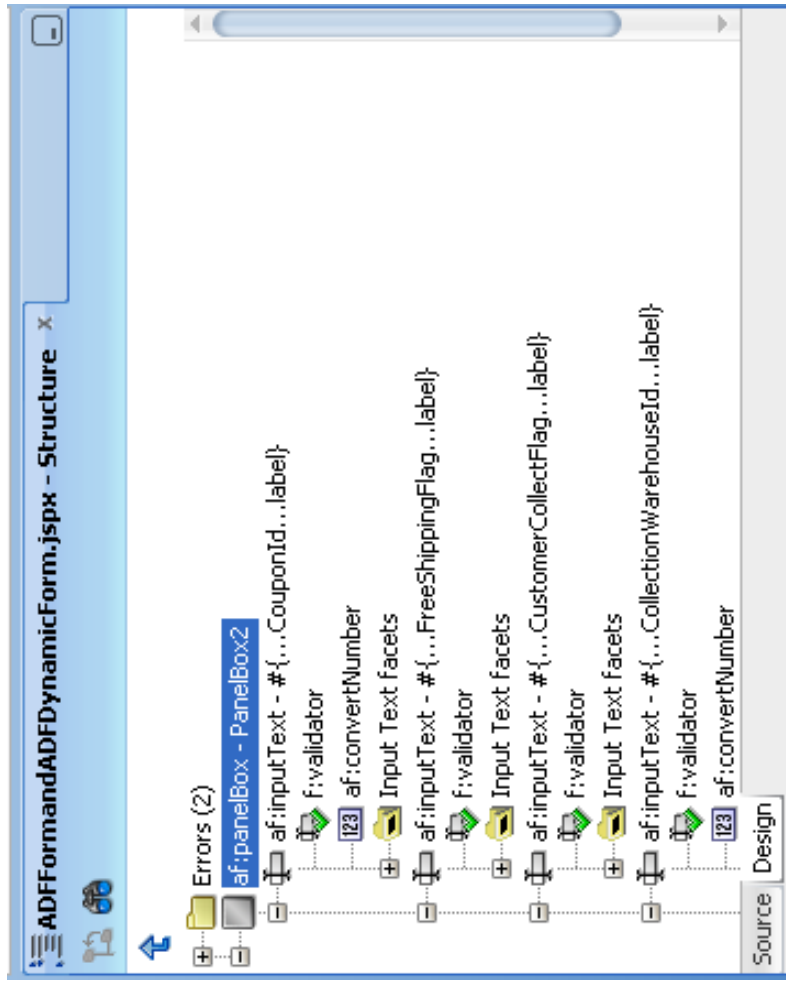
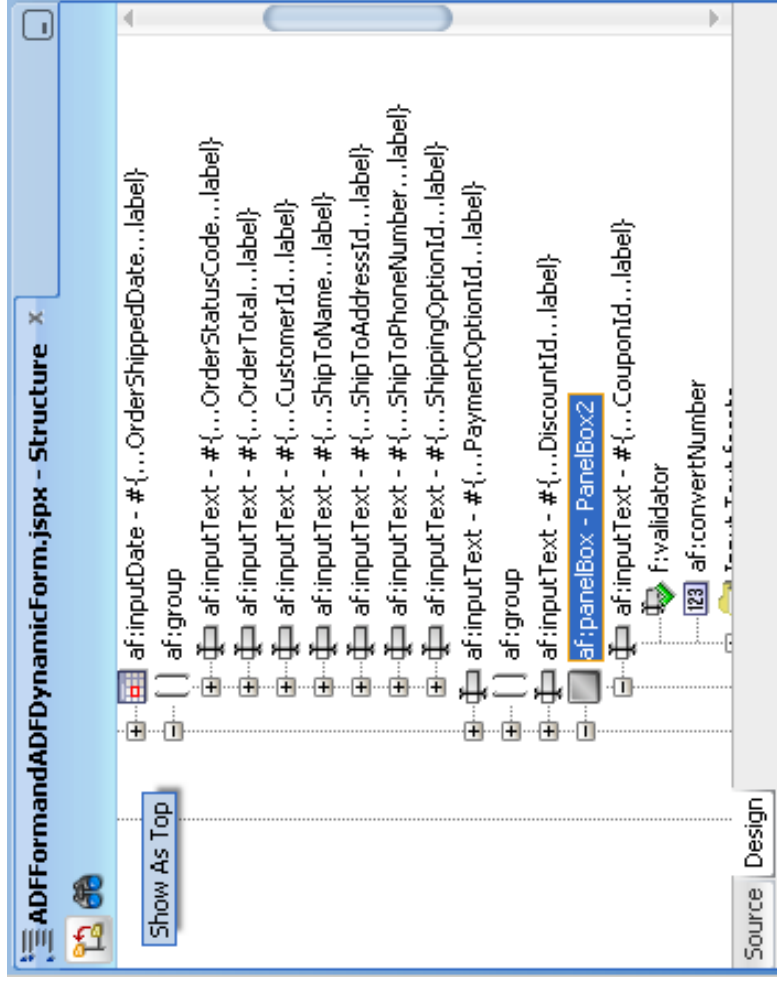
Default Apps Now Use Best-Practices Automatically

- JDBC Datasource (instead of JDBC URL Connection)
- Optimistic Locking Mode
- Recommend these settings:
 - `jbo.doconnectionpooling = true`
 - `jbo.txn.disconnect_level = 1`

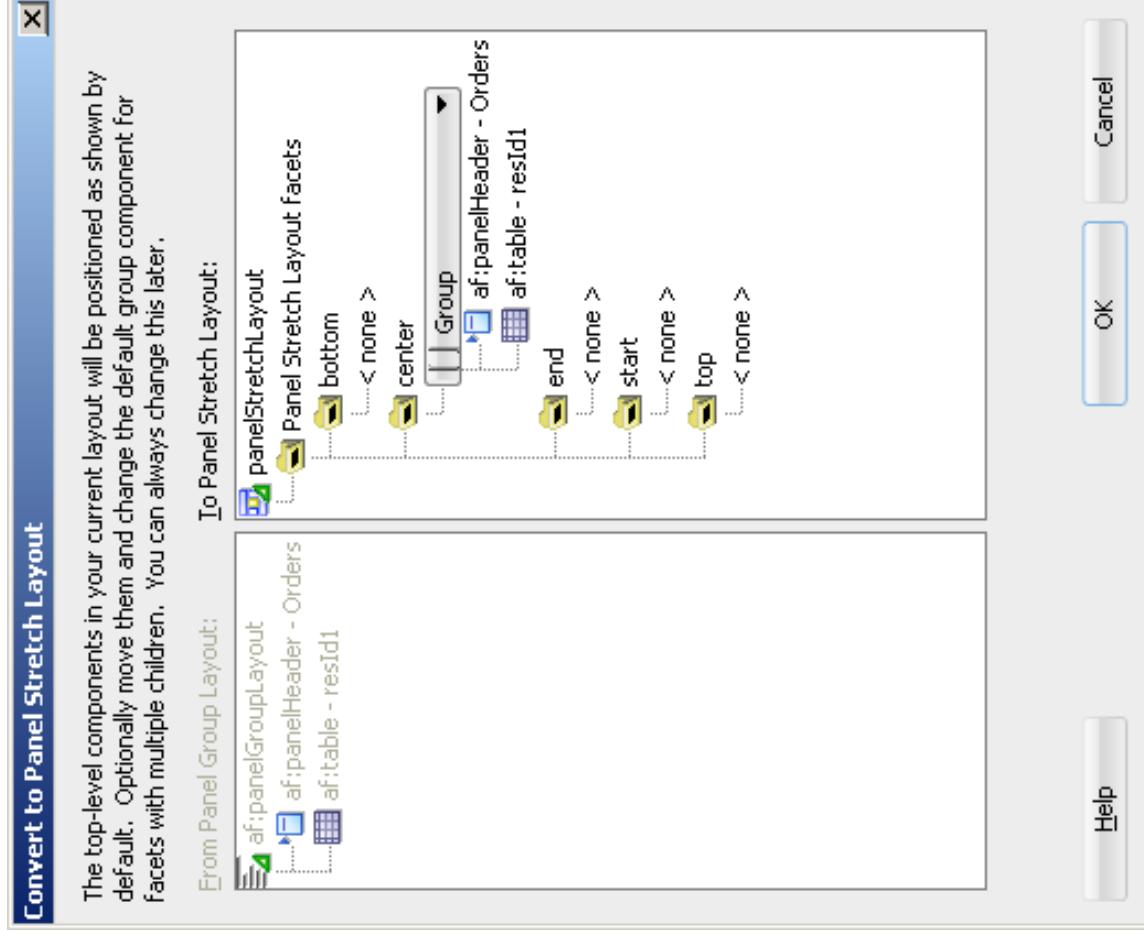
when multiple AM pools share same DB connection

- Optimizes
 - Total Number of JDBC Connections Required
 - Undeploy Time in Integrated WebLogic

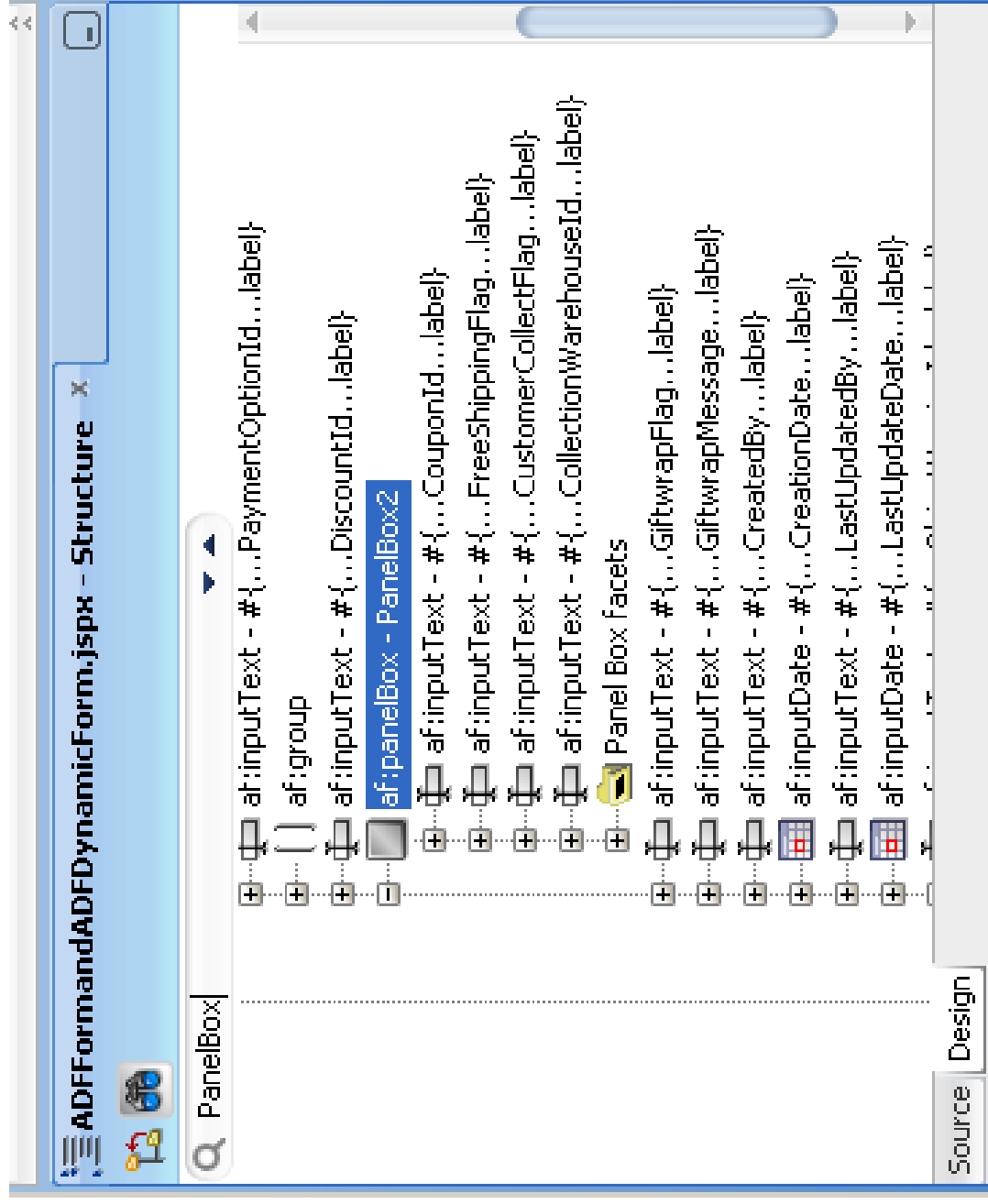
Improved JSF Editing: Narrow/Widen in Structure



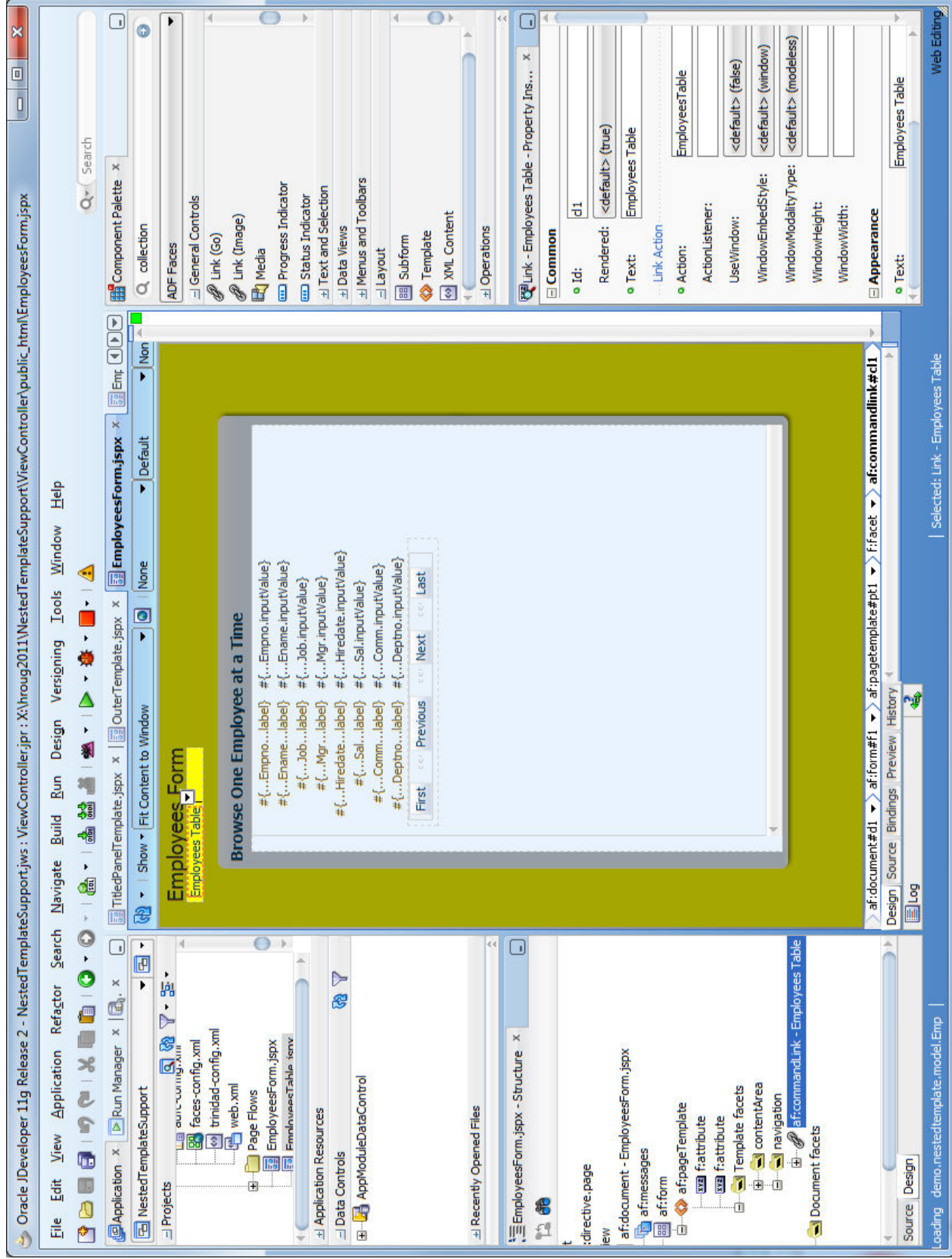
Improved JSF Editing: Smarter Convert



Improved JSF Editing: Search in Structure



Nested Template Support: EmployeesForm.jspx



Before 11g, Only Experts Could Change Look & Feel

My Company! Making a Difference

Skin Recent Items Tags Watchlist

Personalization Administration Help Logout Abby Brown

Billing

Create Transaction: Invoice

Transaction Class Invoice

Save Complete and Create Another Cancel

Show Less

* Business Unit Vision Operations
* Transaction Source
* Transaction Type
* Transaction Number
Document Number
* Transaction Date 06/23/2009

Accounting Date 06/23/2009
Salesperson
Invoicing Rule
* Currency USD
Transaction total 0.00
Lines 0.00

Tax 0.00
Freight 0.00
Charges 0.00
Attachment None

Customer Payment Miscellaneous

Ship To
Name
Account Number
Site
Address
Contact

Bill To
* Name
* Account Number
* Site
* Address
Contact

Sold To
Name
Account Number
Paying Customer
Name
Account Number
Site

Customer Information

Name
Account Number
Primary Contact
Primary Website
Primary Phone

Total

Transaction Total 0.00
Lines 0.00
Tax 0.00
Freight 0.00
Charges 0.00

Notes

ADF Visual Skin Editor Simplifies the Task

ORACLE Making a Difference

Personalization Administration Help Logout Abby Brown

Skin > Recent Items > Tags > Watchlist >

Billing

Create Transaction: Invoice

Transaction Class Invoice

Show Less

* Business Unit Vision Operations
* Transaction Source
* Transaction Type
* Transaction Number
Document Number
* Transaction Date 06/23/2009

Accounting Date 06/23/2009
Salesperson
Invoicing Rule
* Currency USD
Transaction total 0.00
Lines 0.00

Tax 0.00
Freight 0.00
Charges 0.00
Attachment None

Customer

* Ship To
Name
Account Number
Site
Address
Contact

* Bill To
* Name
* Account Number
* Site
* Address
Contact

* Sold To
Name
Account Number

* Paying Customer
Name
Account Number
Site

Save Complete and Create Another Cancel

Customer Information

Name
Account Number
Primary Contact
Primary Website
Primary Phone

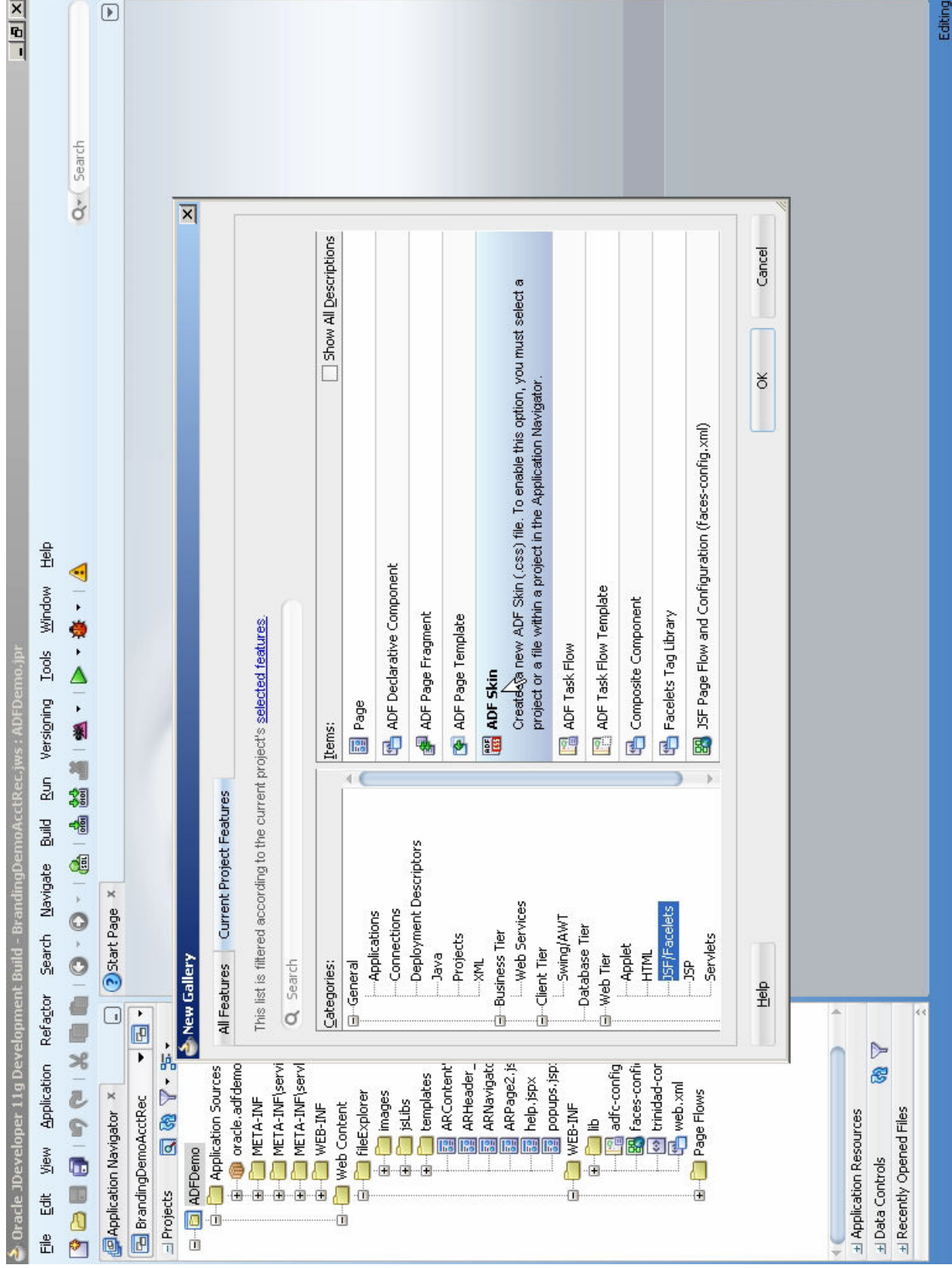
Total

Transaction Total 0.00
Lines 0.00
Tax 0.00
Freight 0.00
Charges 0.00

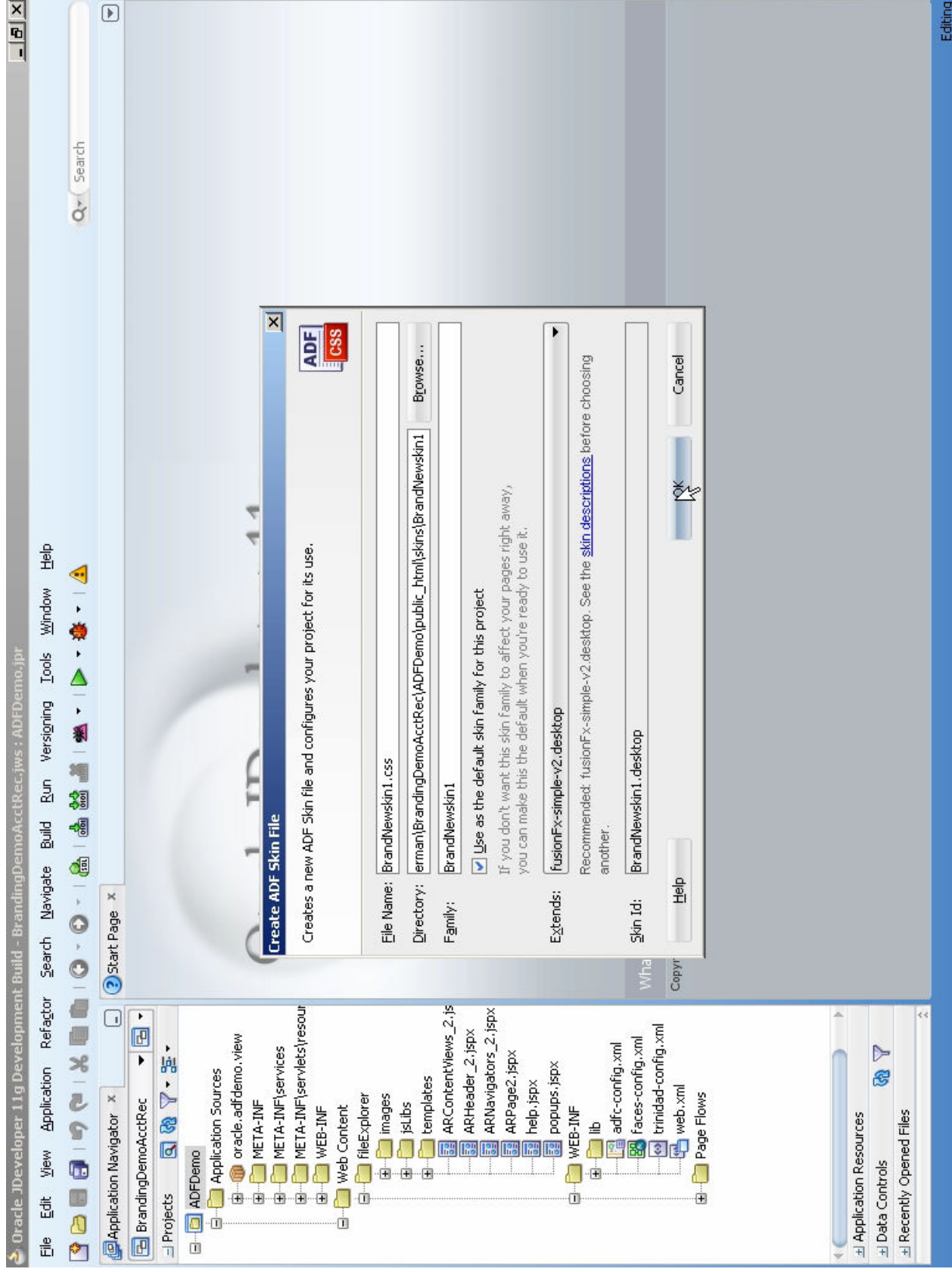
Notes

ORACLE

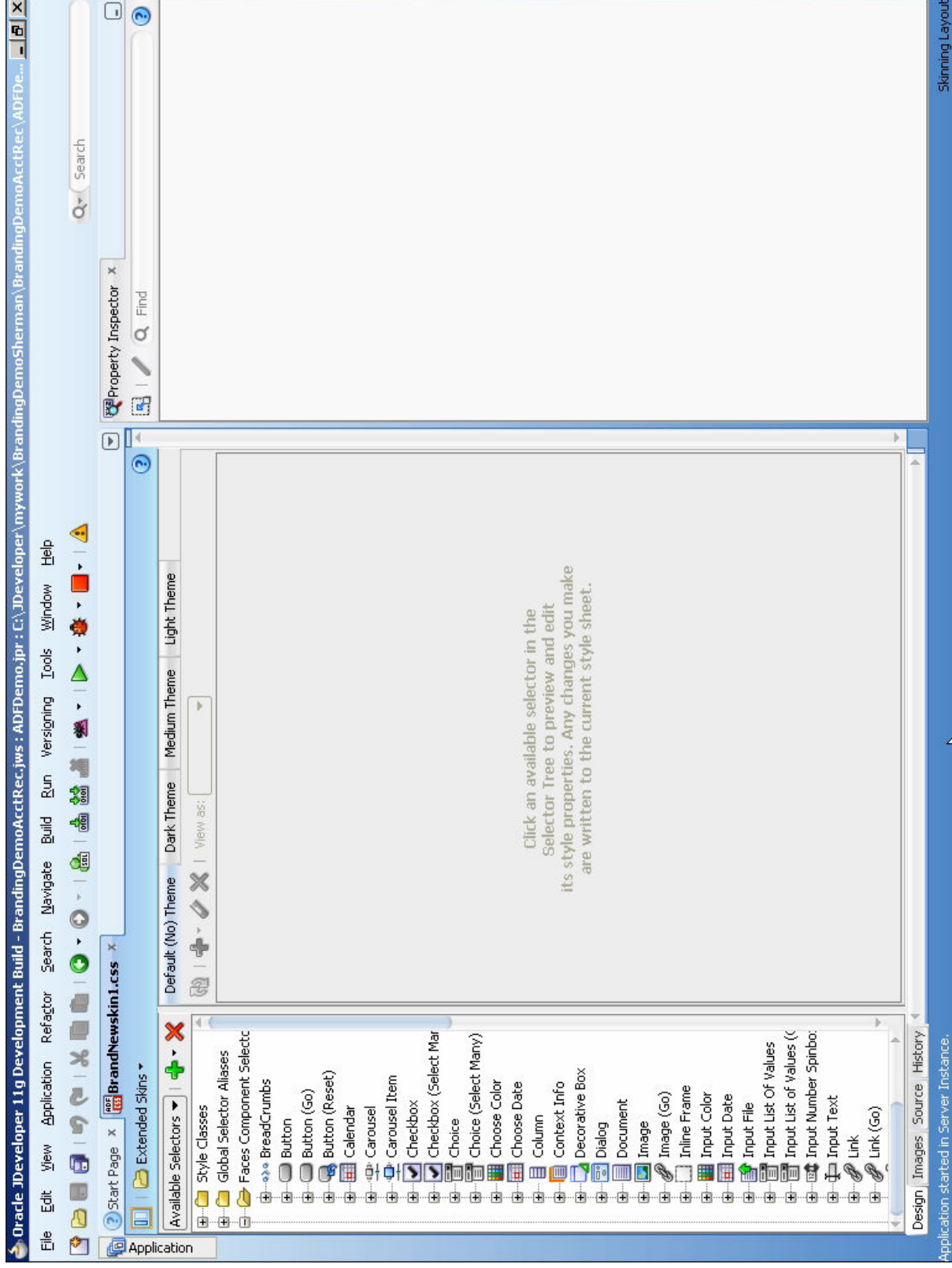
Creating a New Skin



Naming the New Skin and Choosing Skin to Extend



ADF Visual Skin Editor Guides CSS Editing



Application started in Server Instance.

Skimming Layout

Updating the Core Color Palette

The screenshot shows the Oracle JDeveloper IDE with the 'BrandNewSkin1.css' file open. The 'Alias Colors' section lists various color aliases and their hex values:

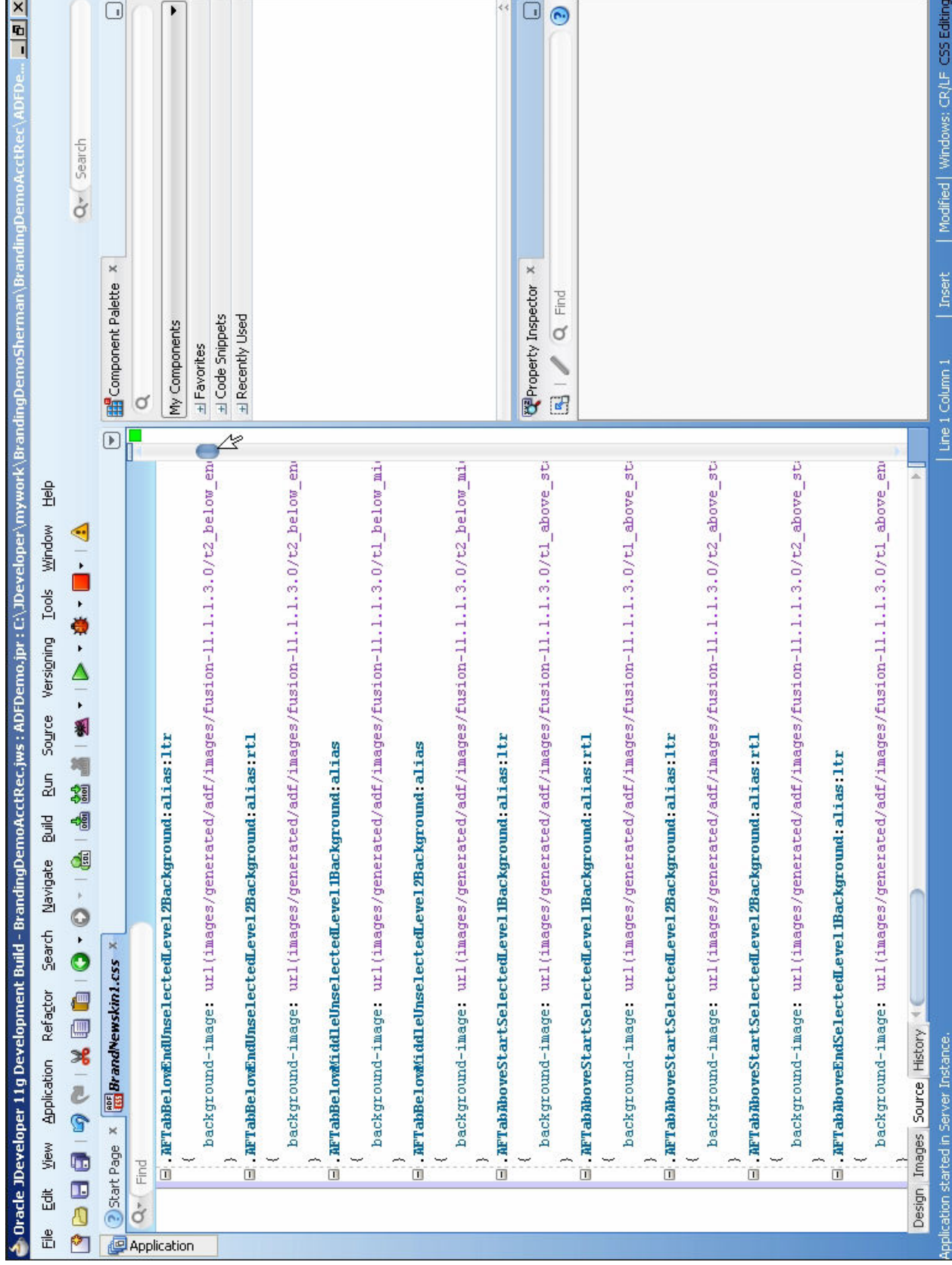
- .AFDarkestNeutralBackground: #000000
- .AFVeryLightBackground: #f7f7f6
- .AFVeryDarkBackground: #000000
- .AFLightestNeutralBackground: #ffff
- .AFDarkBackground: #f5b500
- .AFLightBrightBackground: #f5f584
- .AFBrightBackground: #f5b500
- .AFLightAccentBackground: #eede4
- .AFMediumBackground: #dddcdcb
- .AFMediumAccentBackground: #c2c2cf
- .AFLightBackground: #eaebea
- .AFVisitedLinkForeground: #03048c
- .AFLightNeutralBackground: #a6a6a7
- .AFLightVisitedLinkForeground: #03048c
- .AFVeryLightAccentBackground: #c2c2af

The 'Generated Images' table below shows the mapping of these colors to skin slices:

Name	Width	Height	BrandNewSkin1	Fusion Simple	Apply To Skin
t1_above_start_n.png	18	25	[Image]	[Image]	Slices
t1_above_start_n_rtl.png	18	25	[Image]	[Image]	Slices
t2_above_start_n.png	18	25	[Image]	[Image]	Slices
t2_above_start_n_rtl.png	18	25	[Image]	[Image]	Slices
t1_above_end_n.png	37	25	[Image]	[Image]	Slices
t1_above_end_n_rtl.png	37	25	[Image]	[Image]	Slices
t2_above_end_n.png	37	25	[Image]	[Image]	Slices
t2_above_end_n_rtl.png	37	25	[Image]	[Image]	Slices
t1_above_mid_n.png	1	25	[Image]	[Image]	Slices
t2_above_mid_n.png	1	25	[Image]	[Image]	Slices
t1_below_start_n.png	18	25	[Image]	[Image]	Slices
t2_below_start_n.png	18	25	[Image]	[Image]	Slices
t2_below_start_n_rtl.png	18	25	[Image]	[Image]	Slices
t1_below_end_n.png	37	25	[Image]	[Image]	Slices
t1_below_end_n_rtl.png	37	25	[Image]	[Image]	Slices
t2_below_end_n.png	37	25	[Image]	[Image]	Slices
t2_below_end_n_rtl.png	37	25	[Image]	[Image]	Slices
t1_below_mid_n.png	1	25	[Image]	[Image]	Slices
t2_below_mid_n.png	1	25	[Image]	[Image]	Slices
t1_above_start_a.png	18	25	[Image]	[Image]	Slices
t1_above_start_a_rtl.png	18	25	[Image]	[Image]	Slices
t2_above_start_a.png	18	25	[Image]	[Image]	Slices
t2_above_start_a_rtl.png	18	25	[Image]	[Image]	Slices
t1_above_end_a.png	37	25	[Image]	[Image]	Slices
t1_above_end_a_rtl.png	37	25	[Image]	[Image]	Slices
t2_above_end_a.png	37	25	[Image]	[Image]	Slices
t2_above_end_a_rtl.png	37	25	[Image]	[Image]	Slices

Instructions: Select the images you want to use and click Apply to Skin. If you change alias colors, when you click Apply to Skin, the color aliases are also updated in your skin.

JDeveloper Reflects Visual Edits in Skin CSS File



Checking Progress in the Browser

AR Application Page 2 | AR Application Page 2 | Personalization | Administration | Help | Logout | Abby Brown

ORACLE Making a Difference

Skin > Recent Items > Tags > Watchlist >

Billing

Create Transaction: Invoice

Transaction Class: Invoice

Show Less

* Business Unit: Vision Operations
* Transaction Source: [Dropdown]
* Transaction Type: [Dropdown]
* Transaction Number: [Text]
Document Number: [Text]
* Transaction Date: 06/23/2009

Accounting Date: 06/23/2009
Salesperson: [Dropdown]
Invoicing Rule: [Dropdown]
* Currency: USD
Transaction total: 0.00
Lines: 0.00

Tax: 0.00
Freight: 0.00
Charges: 0.00
Attachment: None

Customer

Ship To
Name: [Dropdown]
Account Number: [Dropdown]
Site: [Dropdown]
Address: [Dropdown]
Contact: [Dropdown]

Bill To
* Name: [Dropdown]
* Account Number: [Dropdown]
* Site: [Dropdown]
* Address: [Dropdown]
Contact: [Dropdown]

Sold To
Name: [Dropdown]
Account Number: [Dropdown]

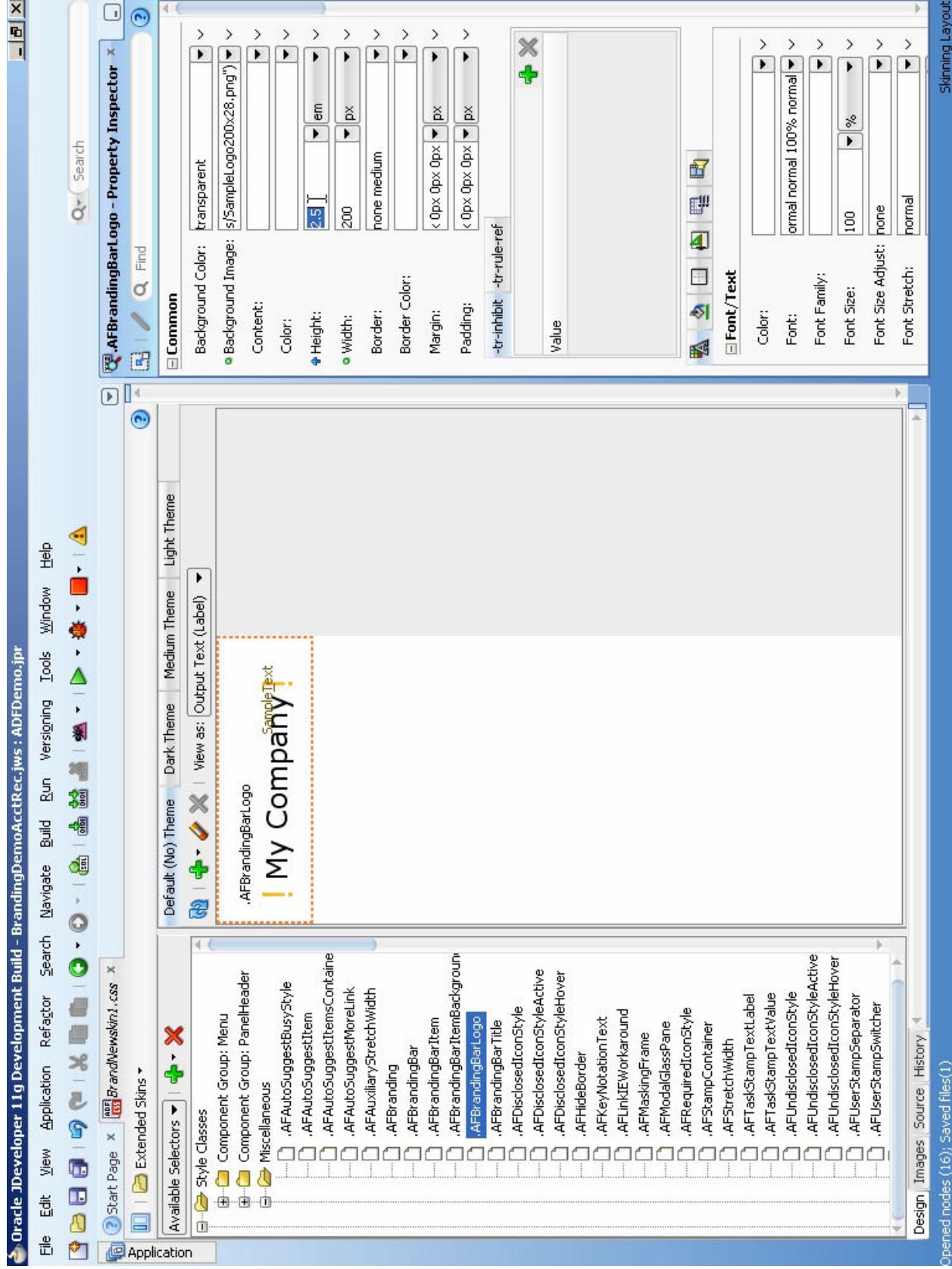
Paying Customer
Name: [Dropdown]
Account Number: [Dropdown]
Site: [Dropdown]

Customer Information
Name: [Text]
Account Number: [Text]
Primary Contact: [Text]
Primary Website: [Text]
Primary Phone: [Text]

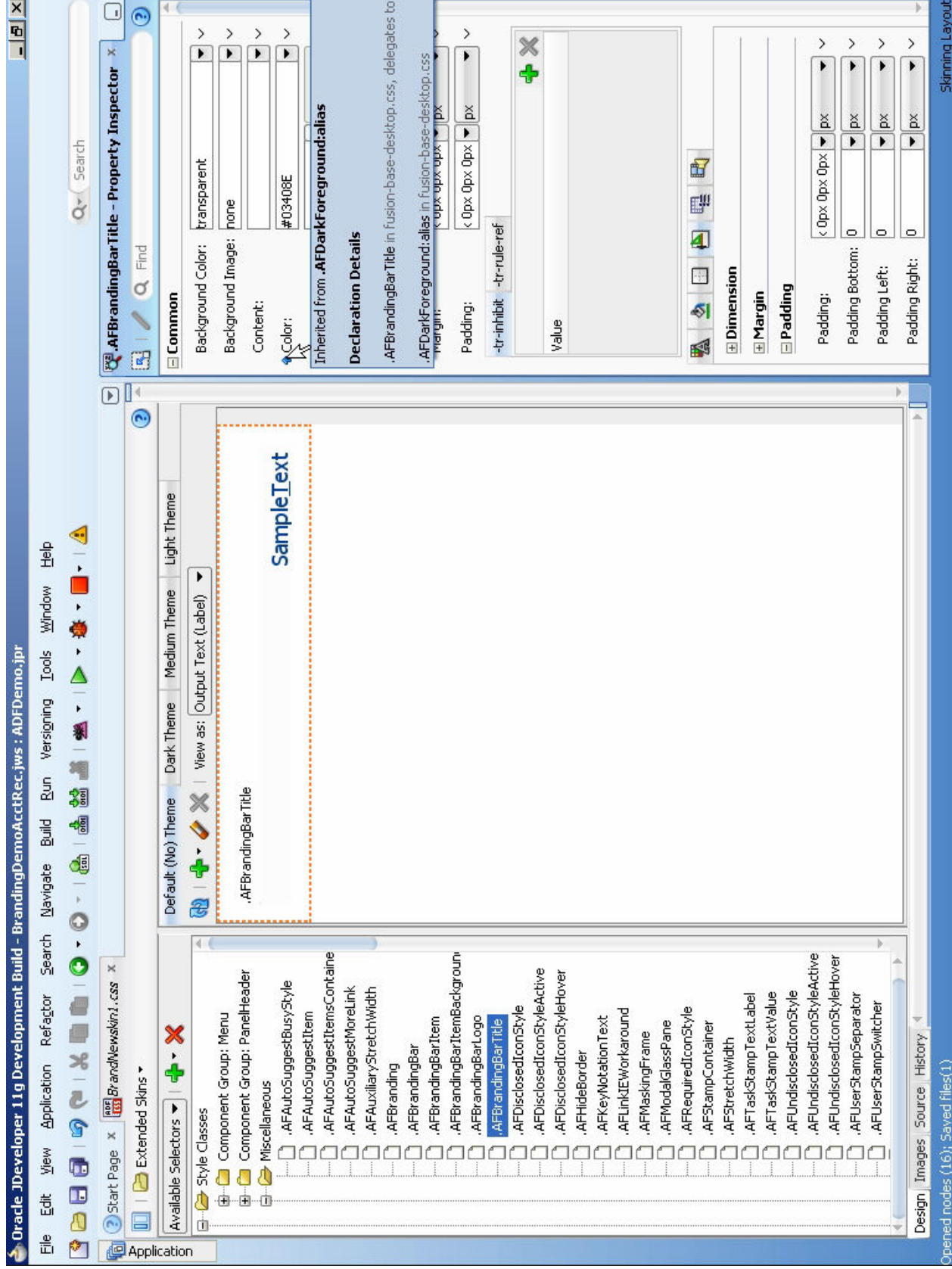
Total
Transaction Total: 0.00
Lines: 0.00
Tax: 0.00
Freight: 0.00
Charges: 0.00

Buttons: Save, Complete and Create Another, Cancel, Notes

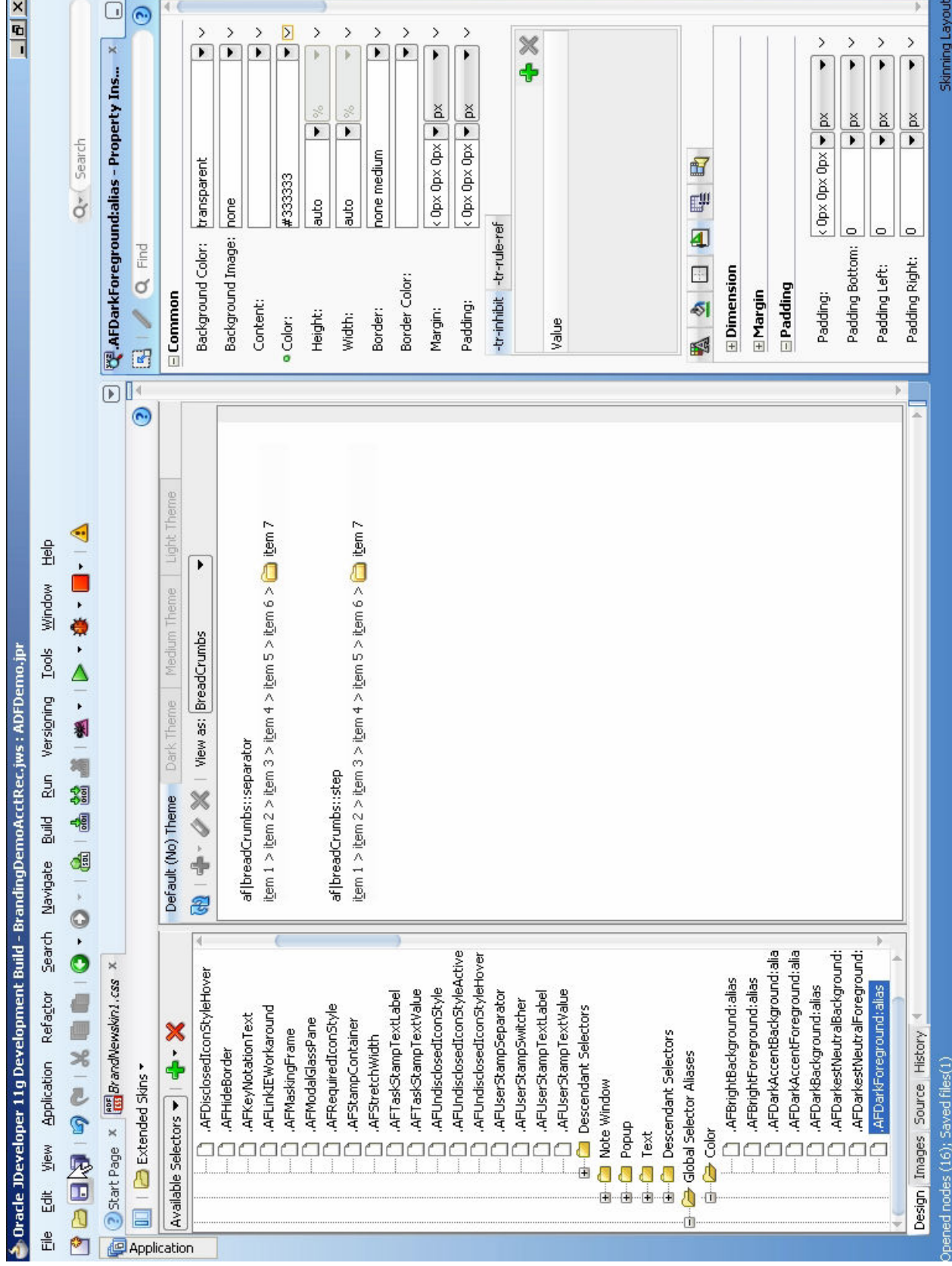
Updating Branding Items: Logo



Palette Shows Property Inheritance, Like Color



Jump to Definition and Modify it For All Usages



Changing the Global Default Font

The screenshot displays the Oracle JDeveloper IDE interface. The top menu bar includes File, Edit, View, Application, Refactor, Search, Navigate, Build, Run, Versioning, Tools, Window, and Help. The main workspace is divided into three panes:

- Available Selectors:** A tree view on the left showing various selectors. The 'Font' folder is expanded, and the 'AFDefaultFontFamily:alias' selector is highlighted.
- Code Editor:** The central pane shows a breadcrumb path: 'af|breadCrumbs'.
- Property Inspector:** A panel on the right showing the properties for the selected selector. The 'Font Family' property is set to 'etlica, FreeSans, sans-serif'. Other properties like 'Font Size' (100%), 'Font Size Adjust' (none), and 'Font Stretch' (normal) are also visible.

The 'Property Inspector' also shows a list of font families in the background, including: <default> (Tahoma, Verdana, Arial, Helvetica, FreeSans, sans-serif), Arial, Helvetica, sans-serif, 'Times New Roman', 'Arial Black', times, Serif, 'Courier New', Courier, monospace, Georgia, 'Times New Roman', times, Serif, Verdana, Arial, Helvetica, sans-serif, Geneva, Arial, Helvetica, sans-serif, and inherit.

New Skin Completed Without CSS Expertise

My Company! Making a Difference

Personalization Administration Help Logout Abby Brown

Skin Recent Items Tags Watchlist

Billing

Create Transaction: Invoice

Transaction Class Invoice

Show Less

* Business Unit

* Transaction Source

* Transaction Type

* Transaction Number

Document Number

* Transaction Date

Accounting Date

Salesperson

Invoicing Rule

* Currency

Transaction total

Lines

Tax

Freight

Charges

Attachment

Save Complete and Create Another Cancel

Customer Information

Name
Account Number
Primary Contact
Primary Website
Primary Phone

Total

Transaction Total
Lines
Tax
Freight
Charges

Notes

Customer Payment Miscellaneous

Ship To

Name

Account Number

Site

Address

Contact

Bill To

Name

Account Number

Site

Address

Contact

Sold To

Name

Account Number

Paying Customer

Name

Account Number

Site

Invoice Lines

View Format Create Delete Link Edit Freight

Line Number	Item	Memo Line	Description	UOM	Quality	Unit Price (GBP)	Amount (GBP)	Attachments
								PO 12345
								PO 89556 Te

Main Themes for JDeveloper and ADF 12c

- Runtime and design-time standards uptake
 - Java EE 6, Java SE 7, HTML 5, CSS3
- Continued performance and stability improvements
- Improve developer experience and productivity
- Feature sharing with NetBeans
- Oracle Middleware 12c alignment
- Planned release date: Some time in CY2012

Applications

- Application150
 - Projects
 - Extension
 - Application Sources
 - extension
 - Res.properties
 - META-INF
 - extension.xml
 - MANIFEST.MF
 - Model
 - ViewController
 - Application Sources
 - Web Content
 - WEB-INF
 - adf-config.xml
 - faces-config.xml
 - trinidad-config.xml
 - web.xml
 - Page Flows

Application Resources

Data Controls

Recently Opened Files

web.xml - Structure

- web-app - 3.0
 - servlet - Faces Servlet
 - servlet - resources
 - servlet - BIGRAPHSERVLET
 - servlet - BIGAUGESERVLET
 - servlet - MapProxyServlet
 - servlet-mapping - Faces Servlet
 - servlet-mapping - resources
 - servlet-mapping - BIGRAPHSERVLET
 - servlet-mapping - BIGAUGESERVLET
 - servlet-mapping - MapProxyServlet
 - filter - trinidad
 - filter - ServletADFFilter
 - filter-mapping - trinidad



JDEVELOPER

Learn and Explore

Get Started

Community



News

New version with bug fixes

New version with bug fixes

9/22/11

All the sessions, labs, panels, bird-of-fea...

All the sessions, labs, panels, bird-of-feather, User Group meetings and demos for Oracle OpenWorld 2011 in one single document here.

9/15/11

A case study in redeveloping an Oracle F...

A case study in redeveloping an Oracle Forms application using Oracle ADF

7/11/11

Download the new major release today

Download the new major release today

6/7/11

Get a summary of the new features

Get a summary of the new features

6/7/11

Blogs

"Using Team Version in JDeveloper" Pos...

"Using Team Version in JDeveloper" Posted by jdeveloper to versioning "Team Foundation Server" TFs on Tue Oct 04 2011

10/4/11

"PS_TXN Tables" Posted by jdeveloper to ...

"PS_TXN Tables" Posted by jdeveloper to PS_TXN on Tue Oct 04 2011

1/3/11

Posted by jdeveloper to performance JDe...

Posted by jdeveloper to performance JDeveloper on Mon Oct 03 2011

1/3/11

Posted by jdeveloper to "Declarative Co...

Posted by jdeveloper to "Declarative Components" upgrade on Thu Sep 29 2011

9/29/11

Posted by jdeveloper to upgrade on Thu...

Posted by jdeveloper to upgrade on Thu Sep 29 2011

9/29/11



Initializing Extensions

oracle.ide.impl.memwatch.LowMemoryDetector

Version 12.1.1.0.0

PRODUCTIVITY WITH CHOICE

Planned IDE Enhancements

- Dependency visualization
- Maven for ADF
- Embedded database
- Git support
- Extension development
- New Look and Feel
- New windowing system

Planned ADF Enhancements

- Improved REST support
- ADF Runtime customization
- Groovy editor/debugger
- Oracle Enterprise Security
- 3rd Party App Server support (ADF Community Edition)
- ADF Mobile

Data Composer: Add Custom Fields

The screenshot shows the Oracle Data Composer interface for editing the 'SalesAccount' object. The 'Object Information' tab is active, displaying fields like 'Display Label', 'Plural Label', and 'Name'. The 'Fields' tab is also visible, showing a list of fields including 'PartyId', 'PartyName', and 'SalesRepName'. A 'Custom' section is open, allowing the user to add a new field. A 'Select Field Type' dialog box is overlaid on the interface, prompting the user to choose a field type from various options.

Select Field Type
Select the type of field you want to create and click OK.

- Text
- Number
- Date
- Currency
- Checkbox
- Percentage
- Datetime
- Choice List (Fixed)
- Choice List (Dynamic)
- Formula

OK Cancel

Data Composer: Configure Custom Fields

Create Fixed Choice List

Appearance
Configure how this field will appear when displayed to your users.




* Display Label
Help Text

Display Type Single Select Choice List
 Multiple Select Choice List



Name
Each field requires a unique name in the system. Name and description are for internal use only, and are never displayed to your users.

* Name
Description

Constraints

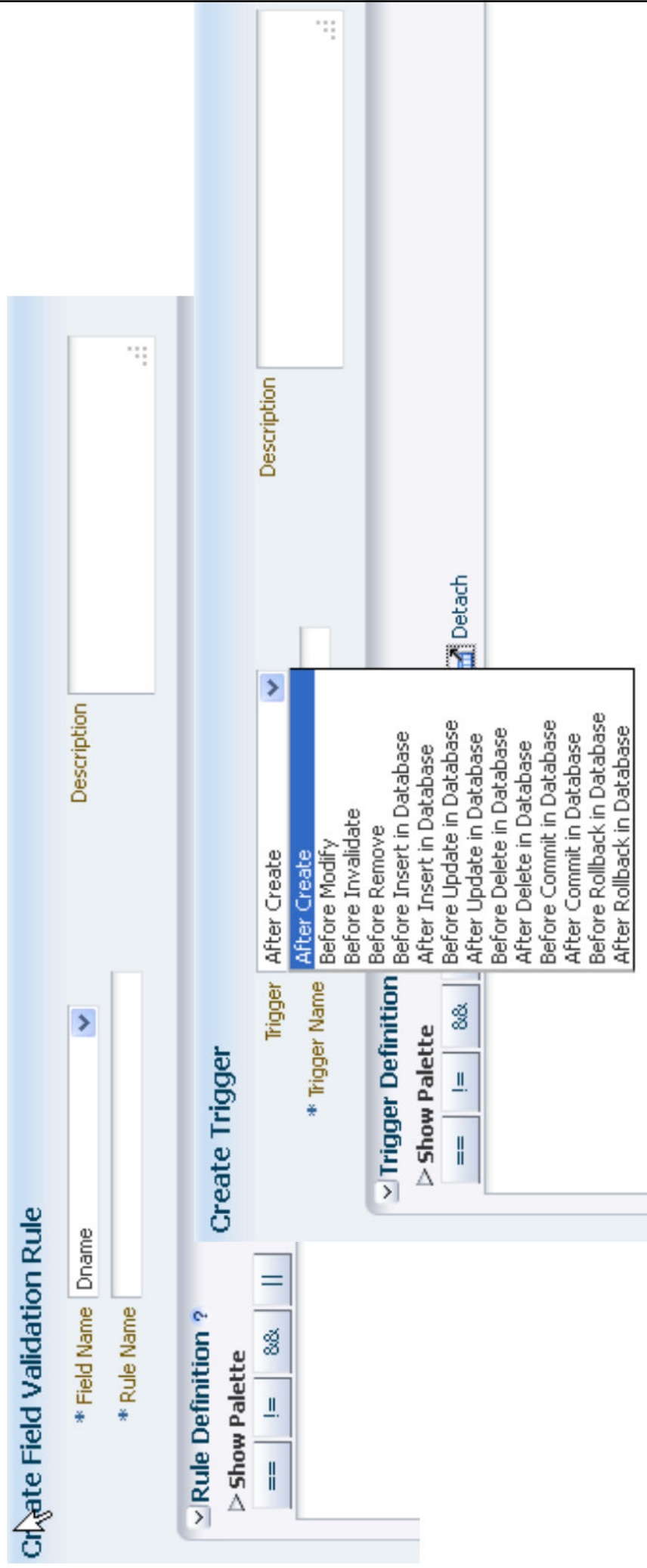
Required 
 Updateable 
 Searchable 

List of Values
Configure the list of values you want to display in the choice list. Click the search icon to select a predefined lookup type, or create a new one.

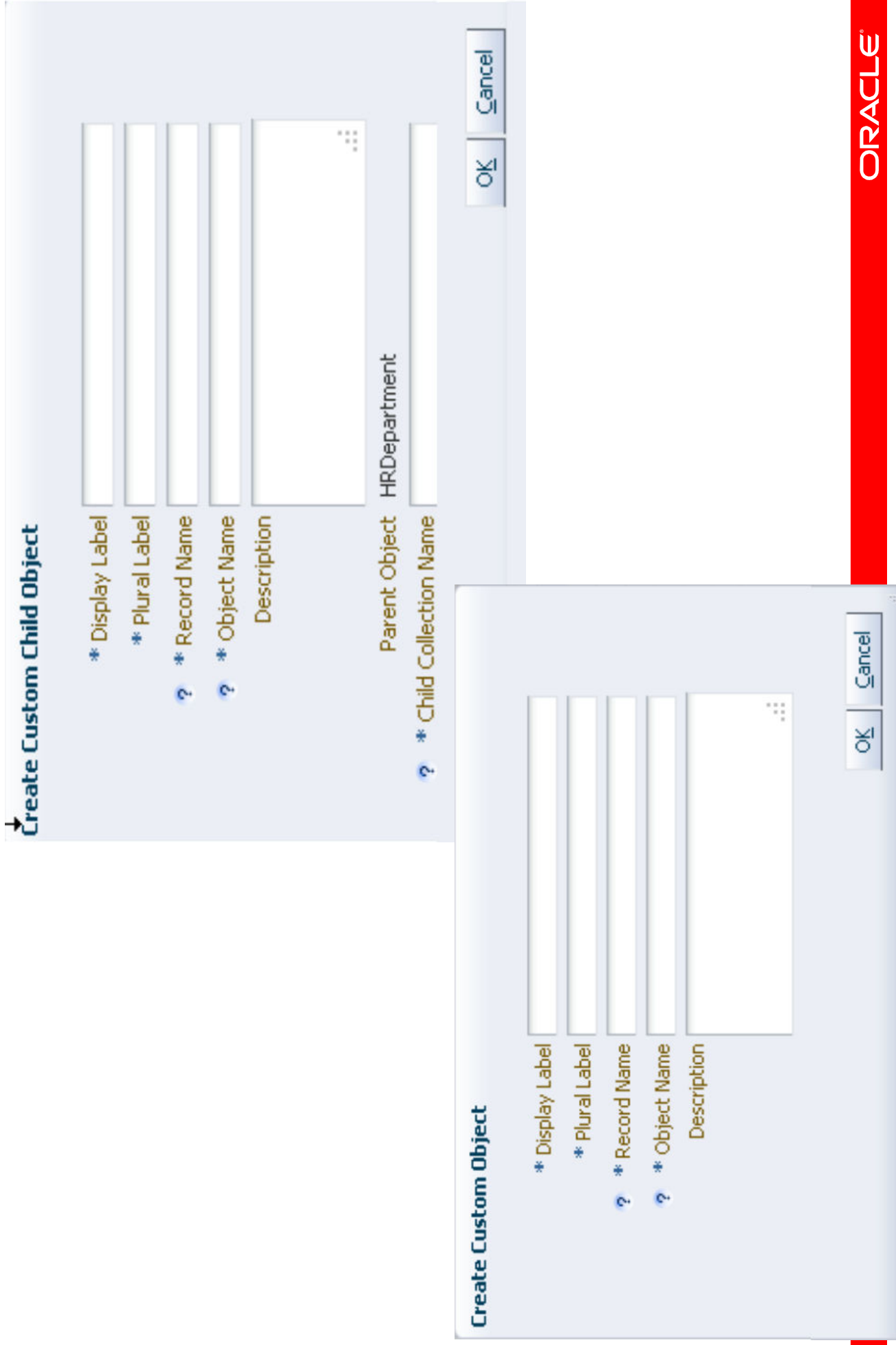
* Lookup Type  
 Constrain list by parent field value selection

Default Value
Enter the value you want to set for the field when an object is created. Select Expression if you want to set the default dynamically.

Data Composer: Groovy Rules & Triggers



Data Composer: Create Custom Objects



Planned ADF Faces Enhancements

- Public-facing sites
 - Page loading, CDN support, improved search-bot, simple table
- Tablet, iOS support
- ADF Faces layout made simpler
- Improved dynamic table/form
- New ADF Faces components
 - Grid menu, Code editor, Treemap, Diagrammer, Timeline

For More Information

- www.oracle.com/technetwork/jdev
- Tutorials
- Demos
- Software
- Discussions
- Blogs
- And more...

