FOEX



APEX 5.0 New Features

22. September 2014
AOUG Seminar
Peter Raganitsch





Peter Raganitsch

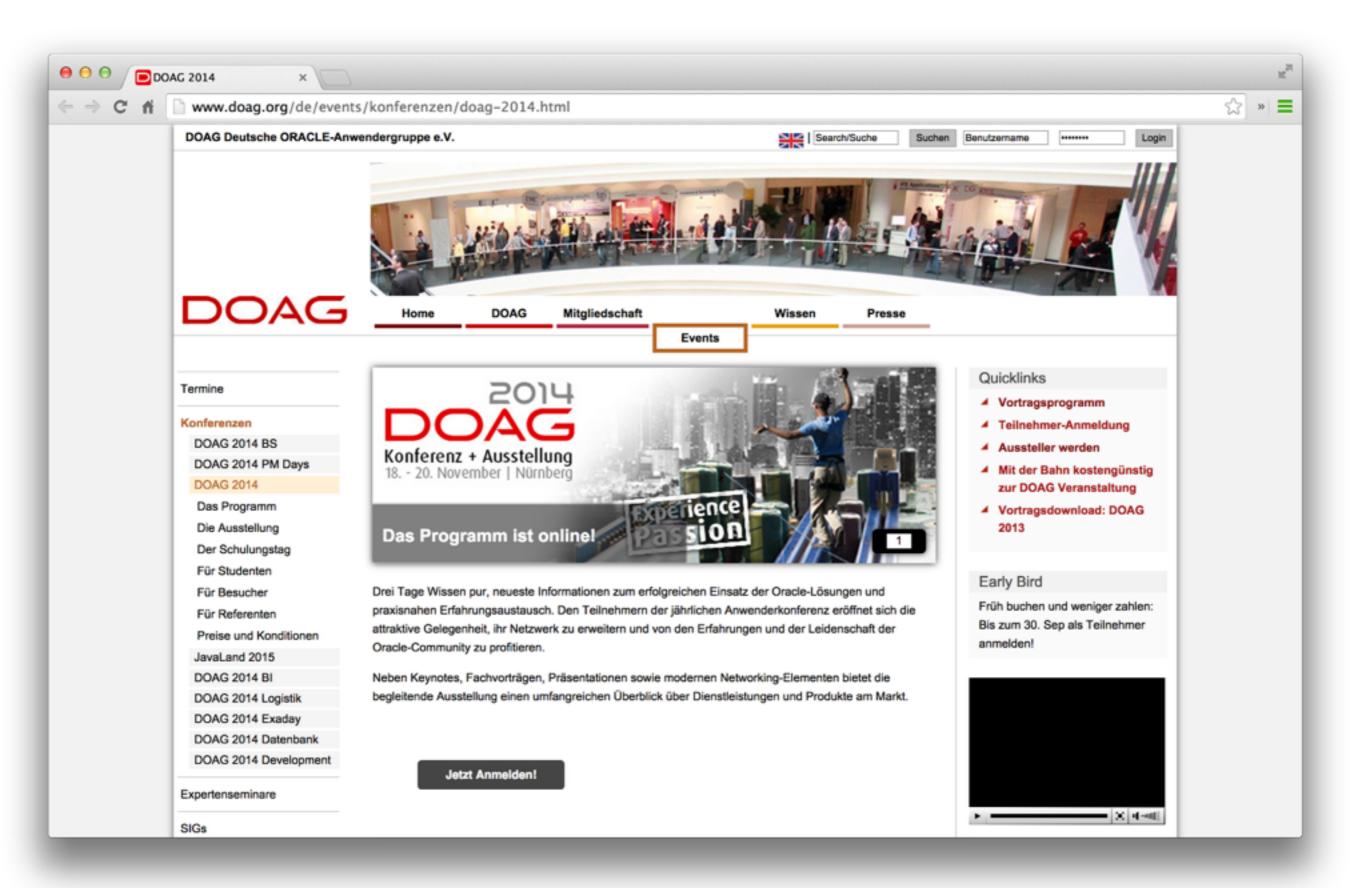




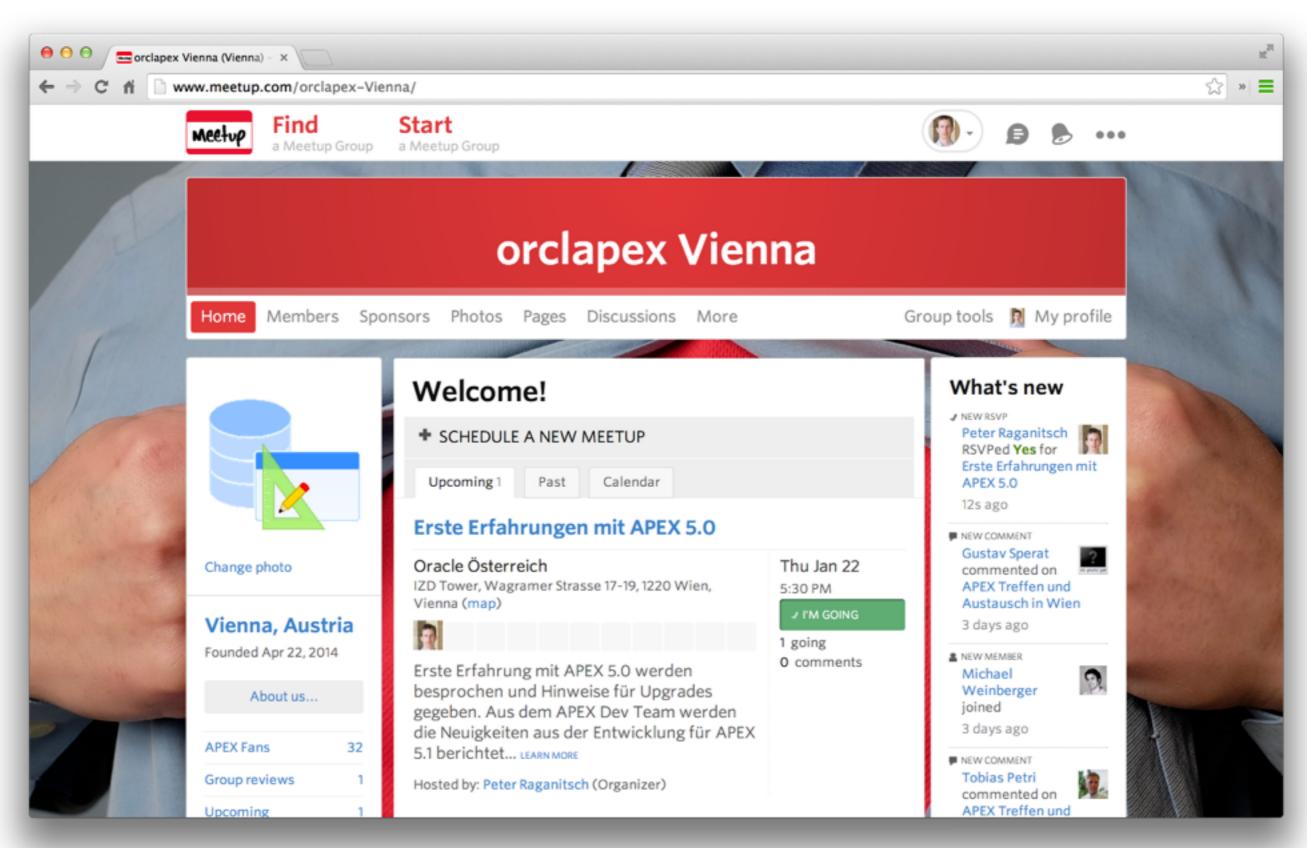
<u>peter.raganitsch@tryfoexnow.com</u> <u>http://www.oracle-and-apex.com</u>



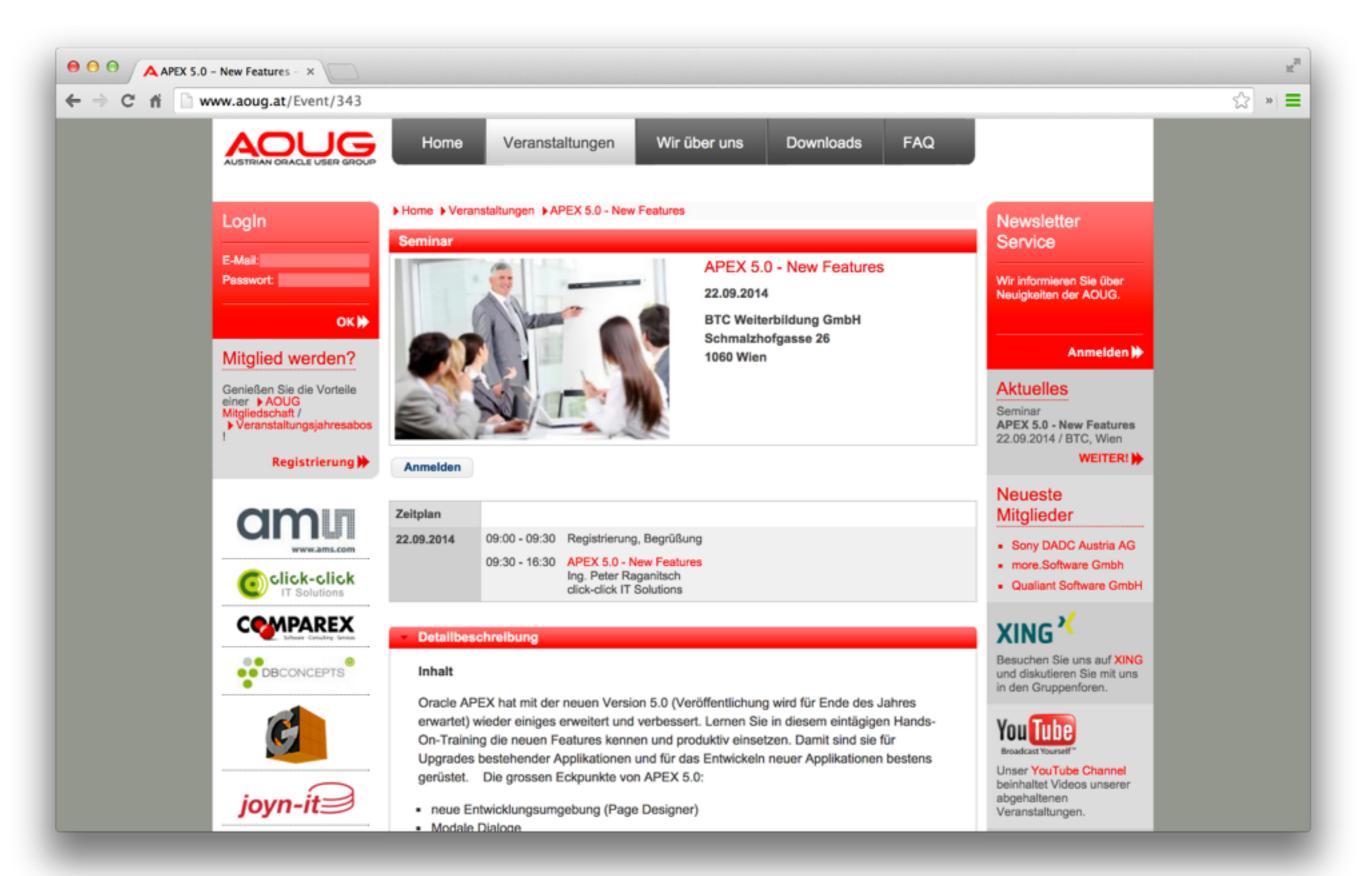
DOAG Konferenz



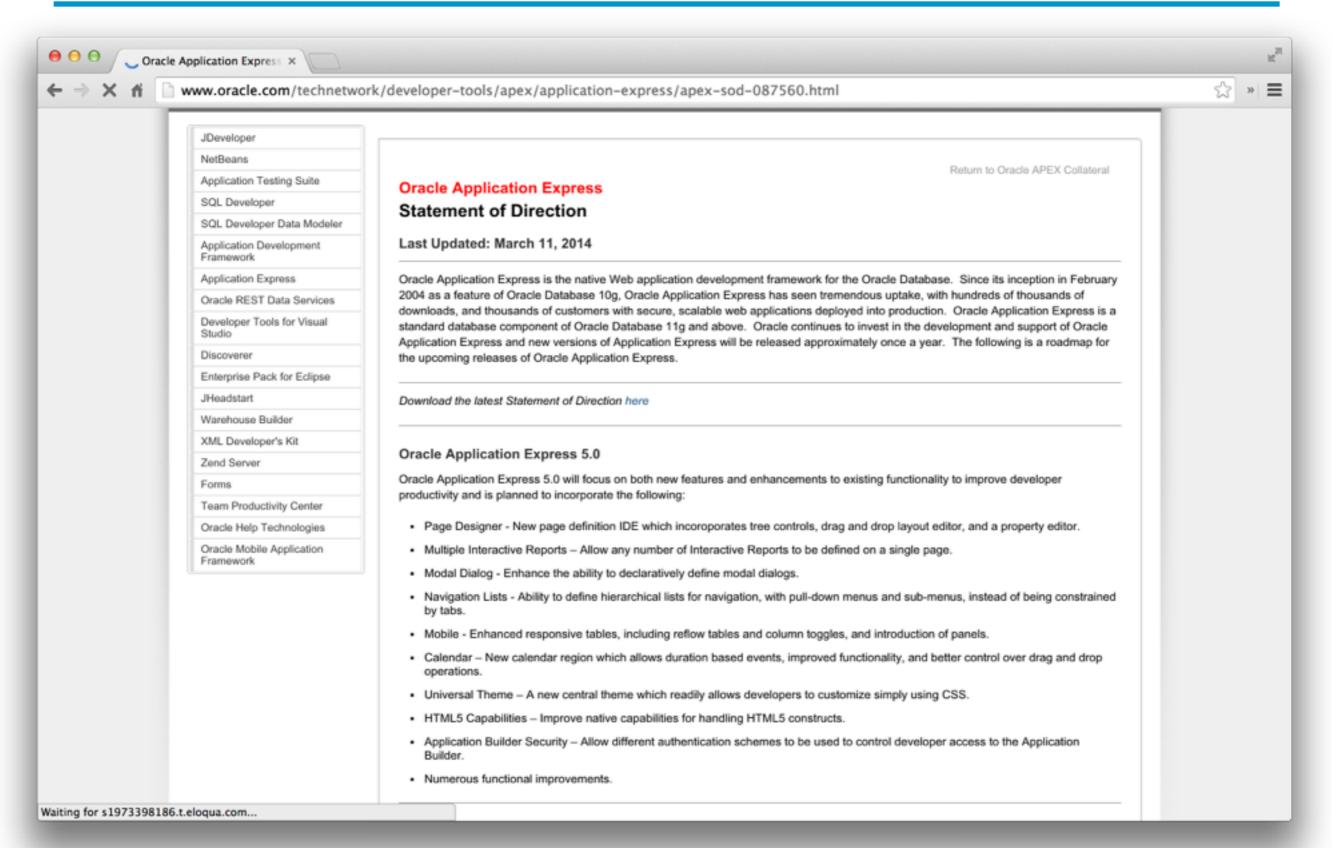
APEX Usergroup Wien



AOUG Seminar APEX 5.0

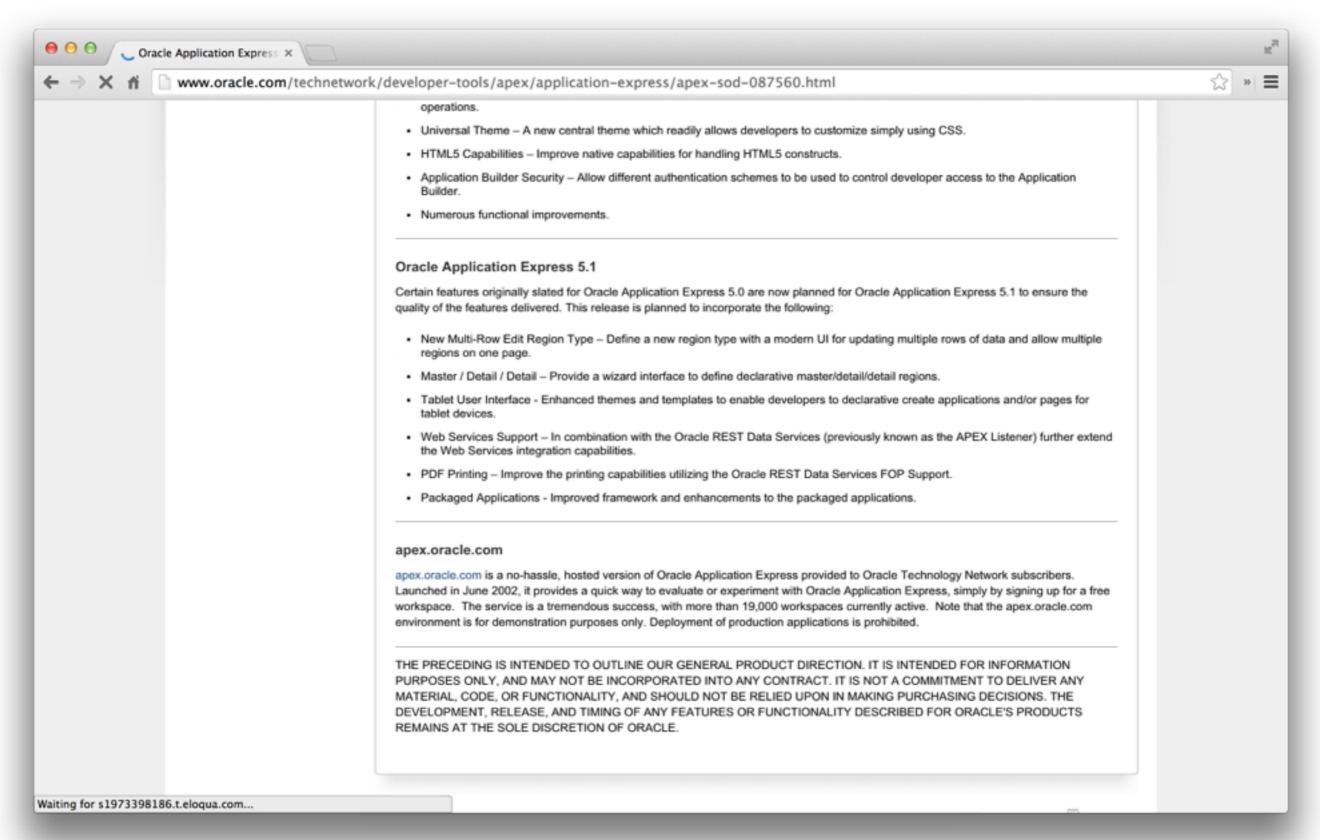


Statement of Direction

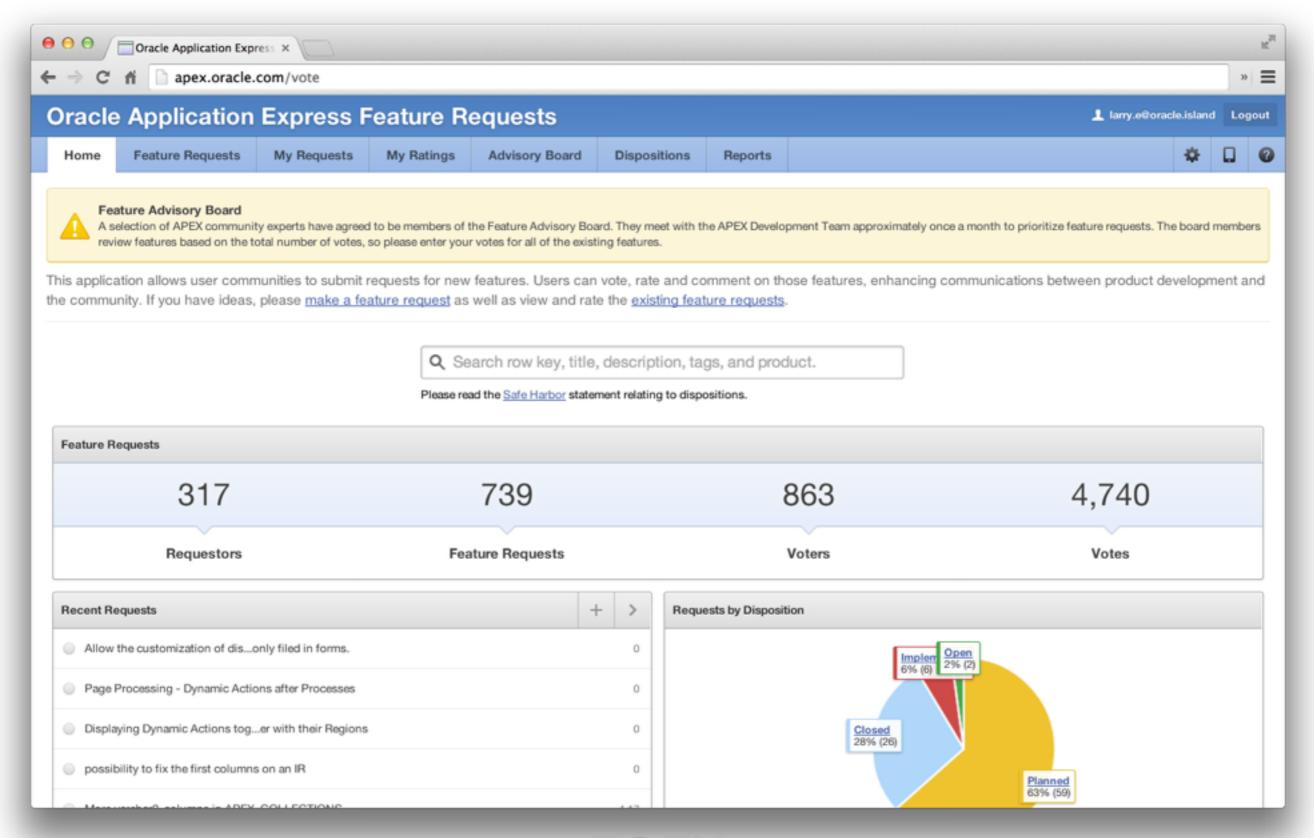




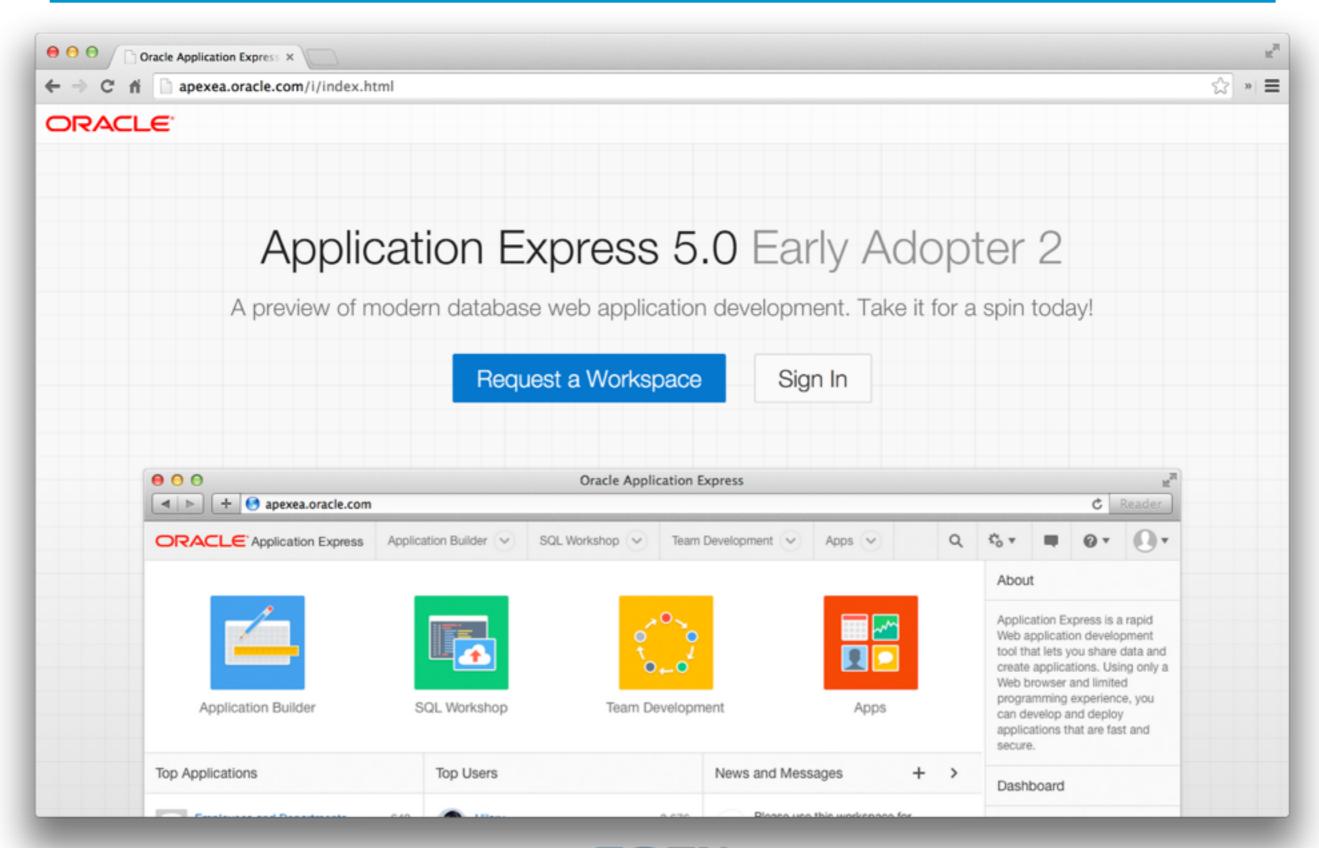
Statement of Direction



Request & Vote



Aktueller Status



Was ist drin?

- Page Designer
- Multiple Interactive Reports
- Modal Dialog
- Navigation Lists
- Mobile Enhancements
- Calendar
- Universal Theme
- Application Builder Security



Was ist drin?

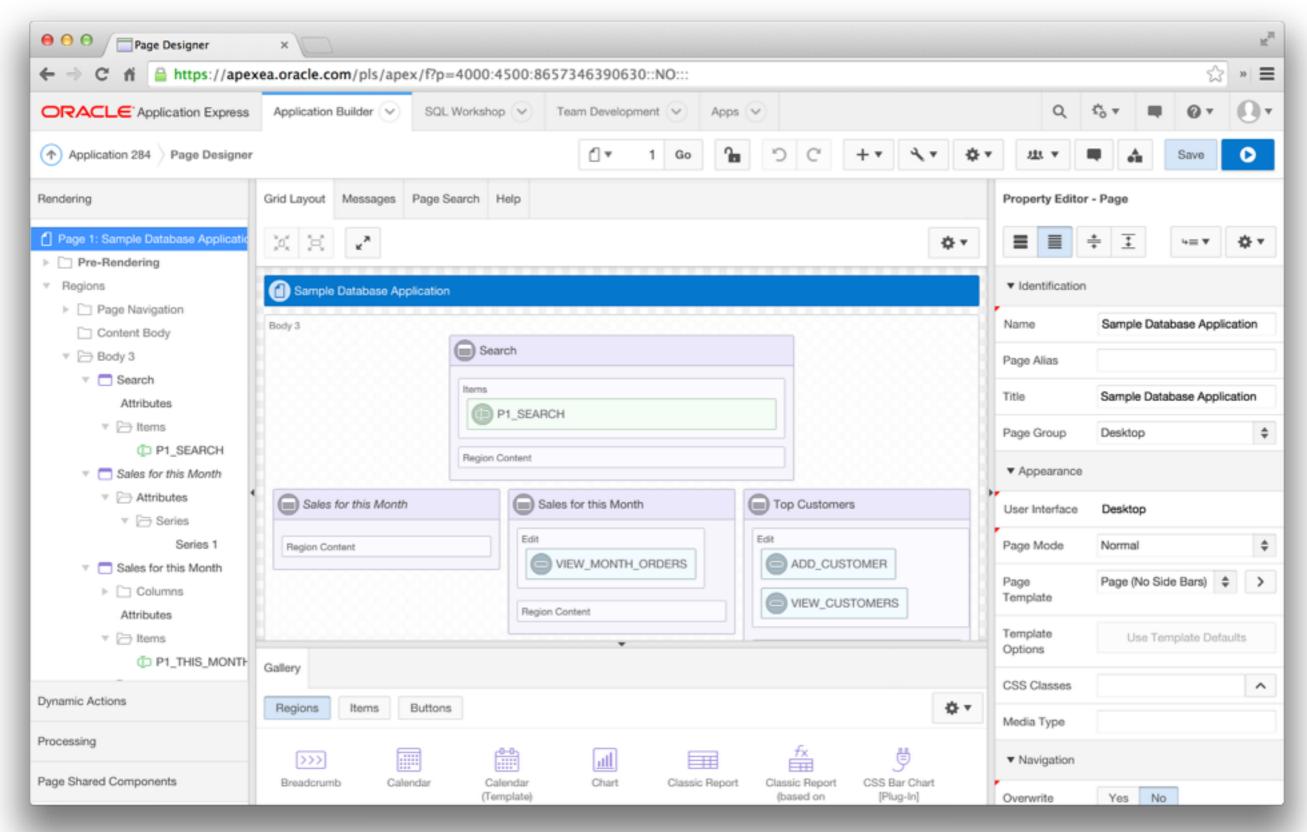
Produktivität

Layout

Features

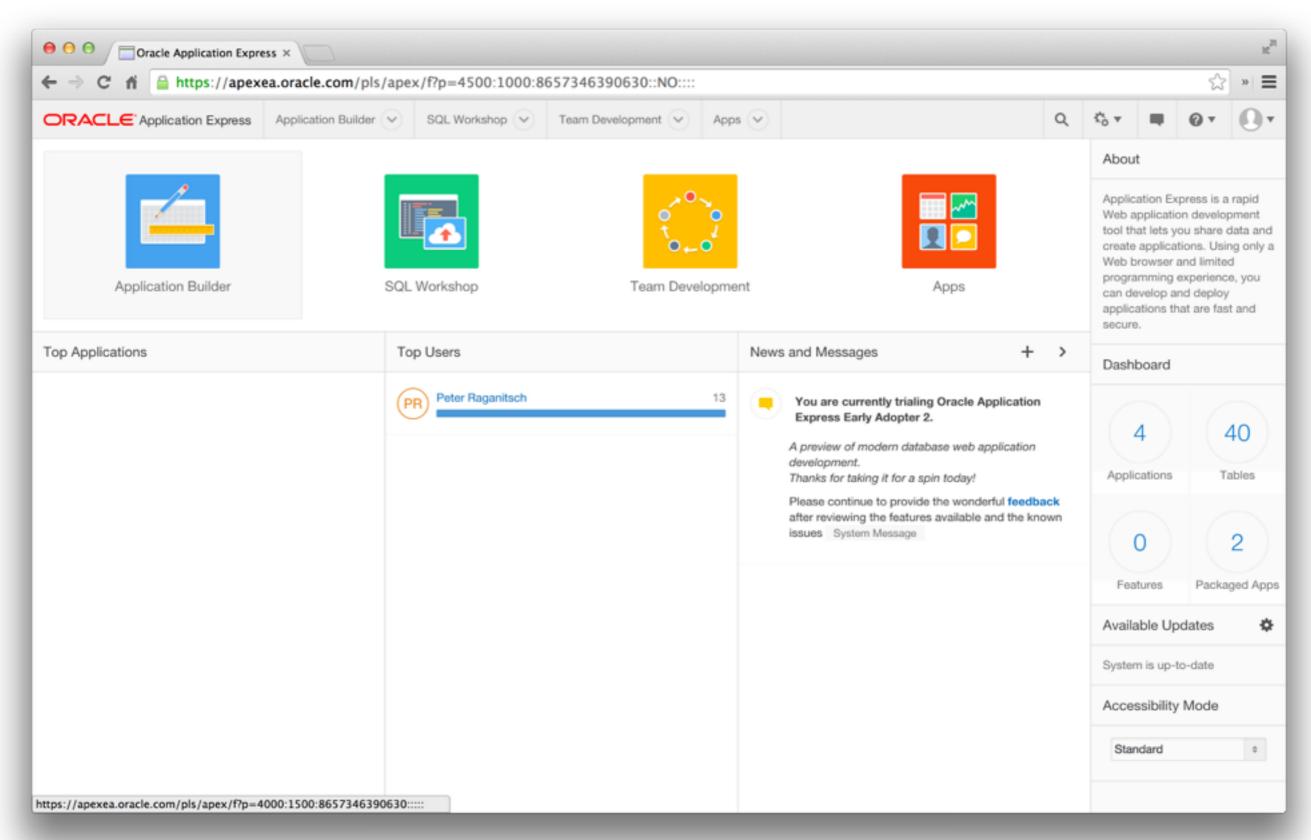


Produktivität



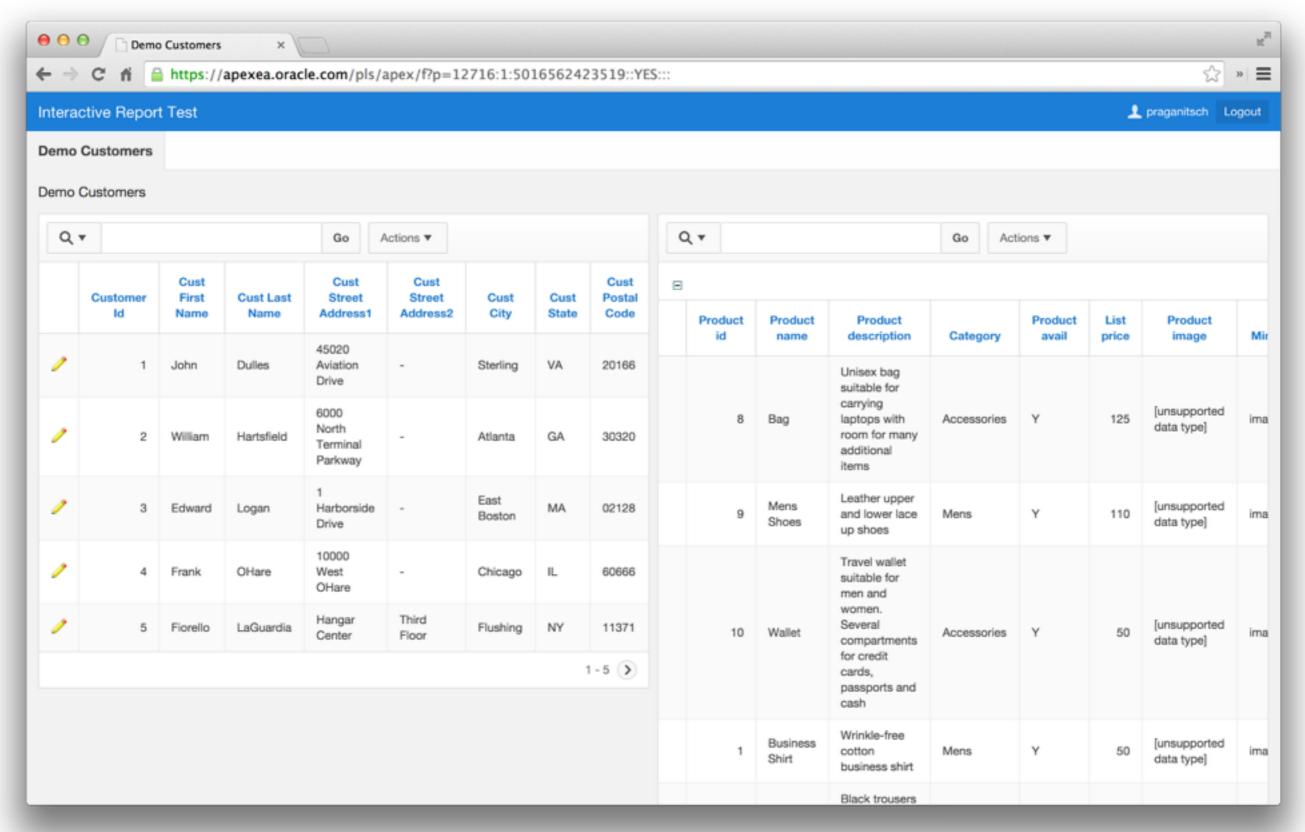


Layout



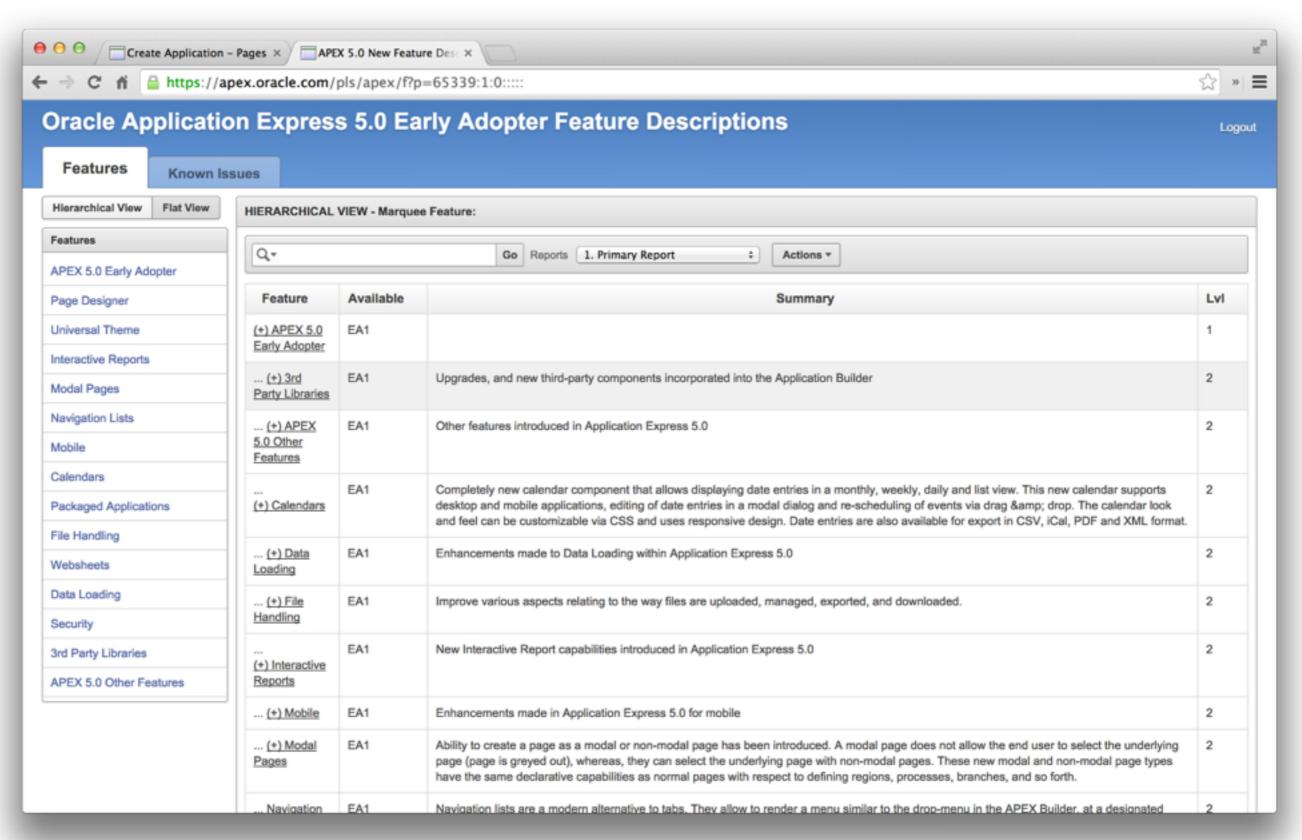


Features



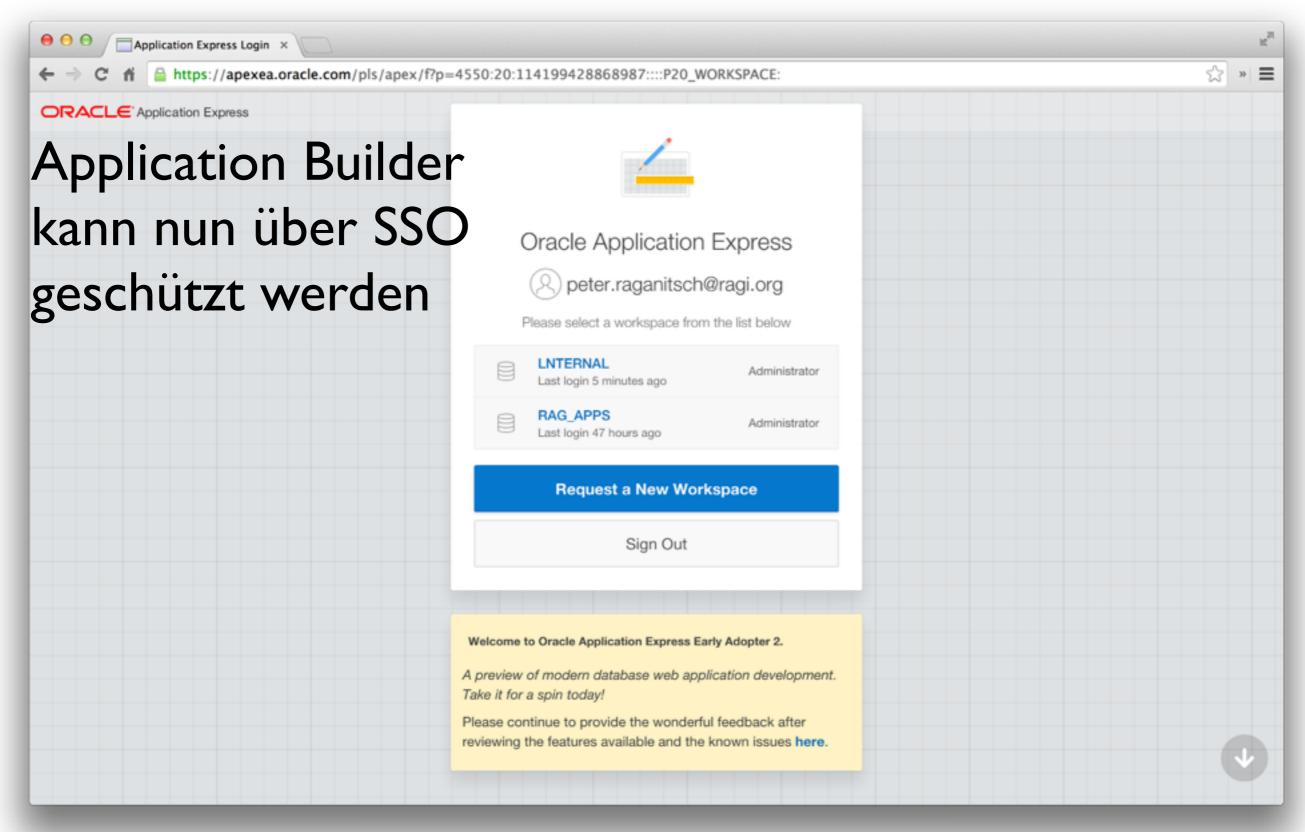


New Features Übersicht



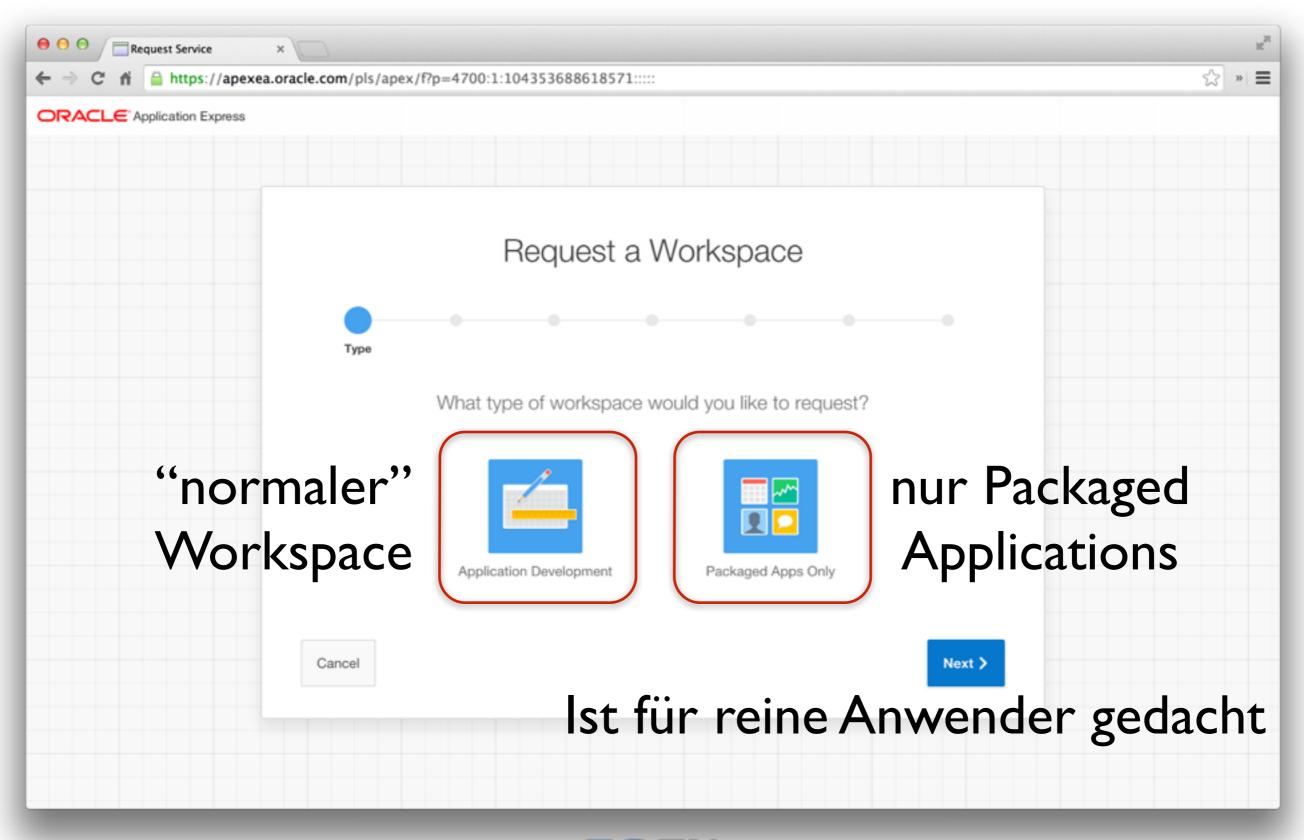


APEX 5.0 EA2



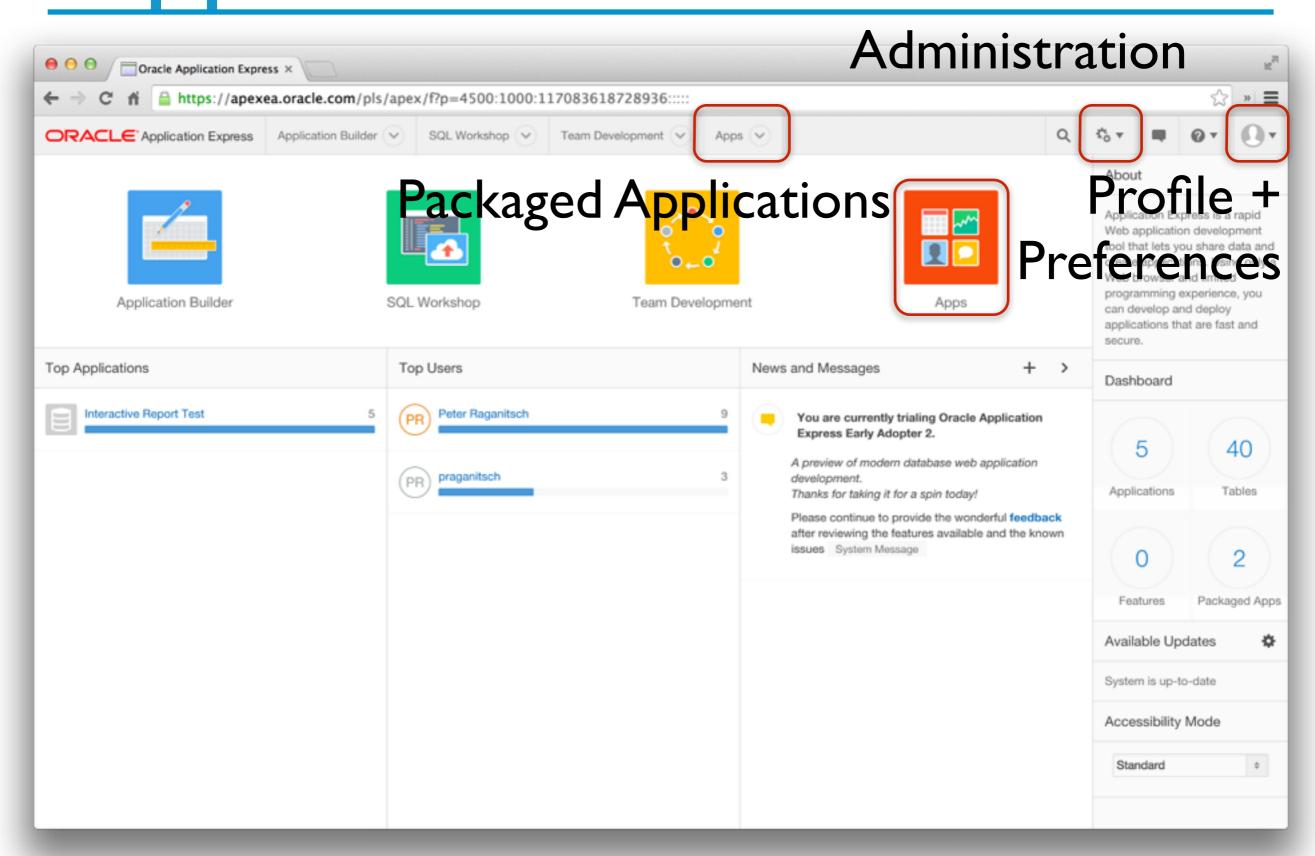


Request a new Workspace



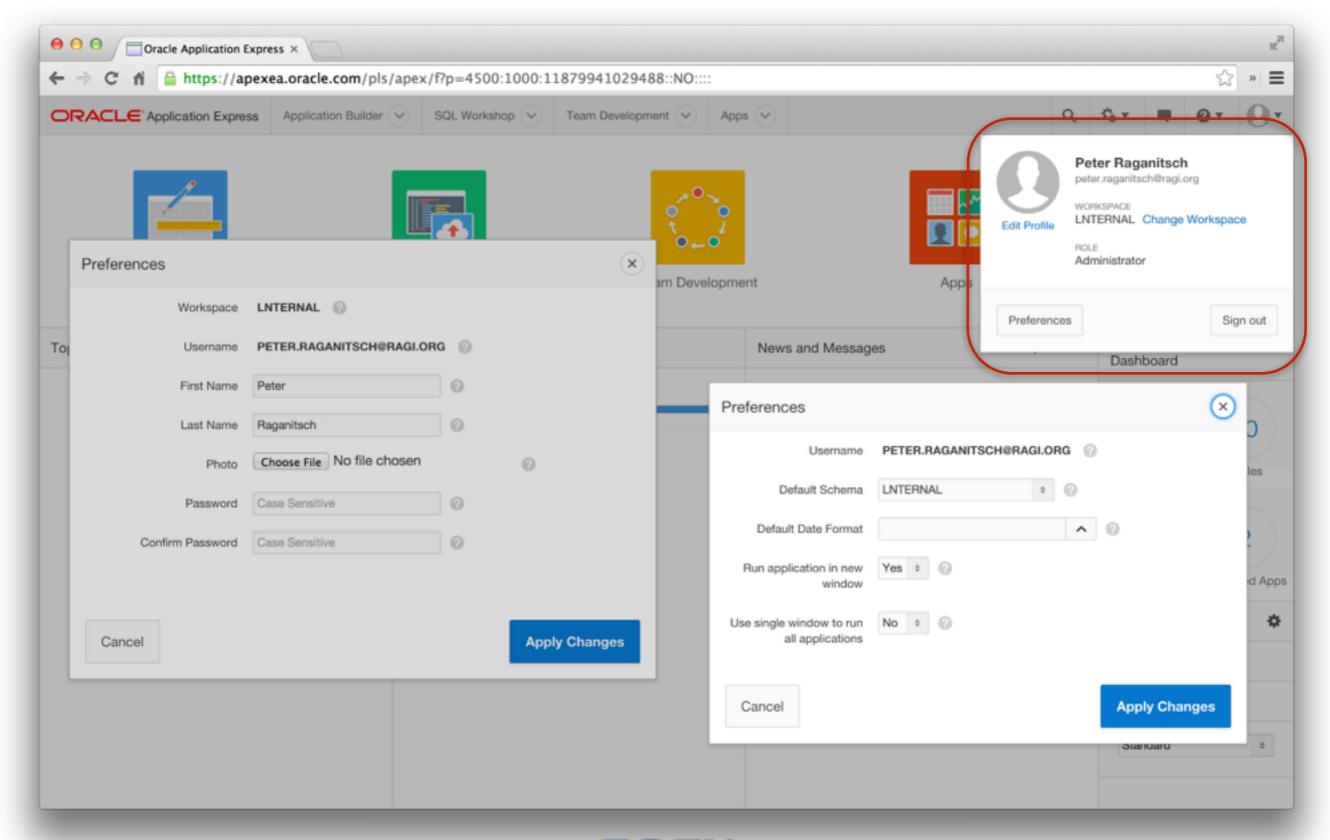


Application Builder Home



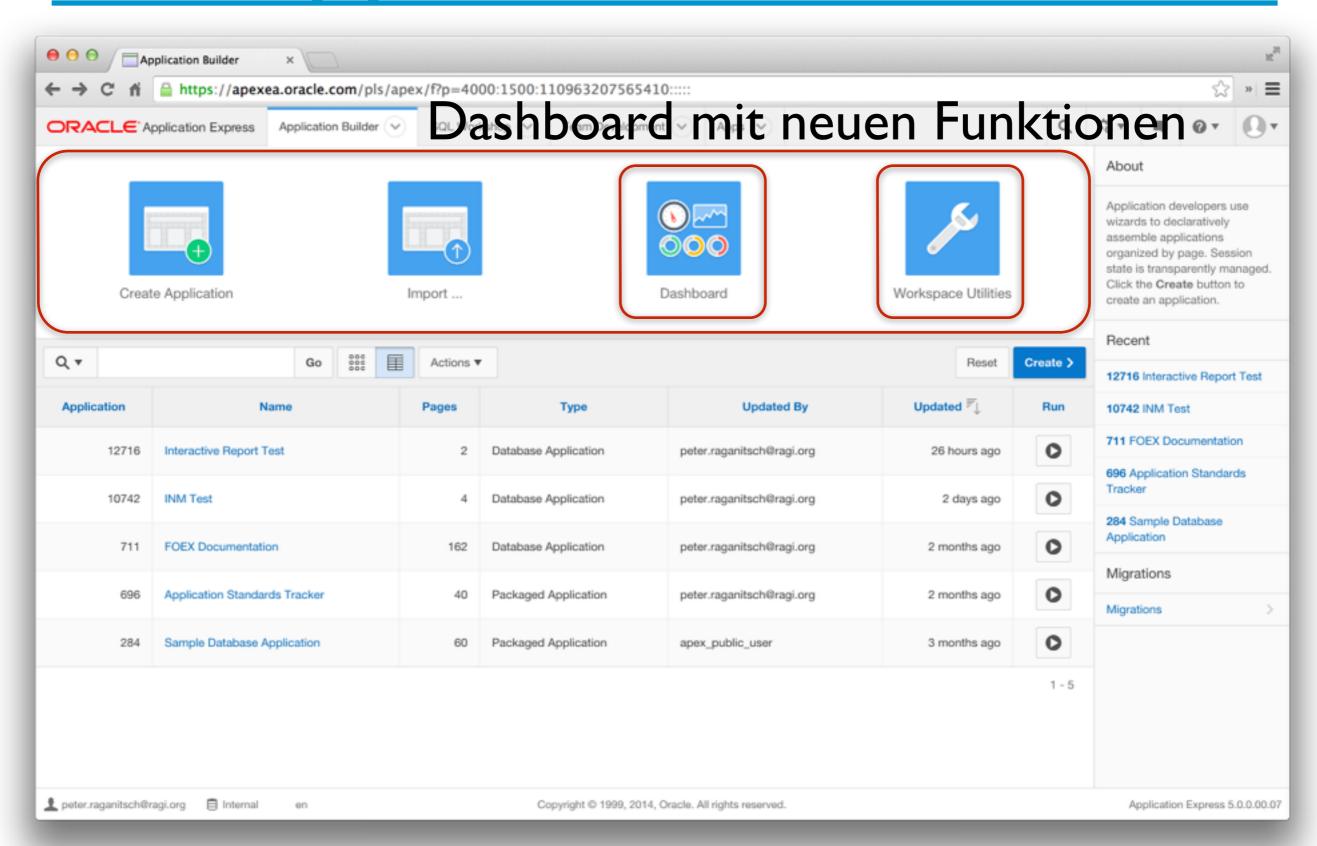


Application Builder Home



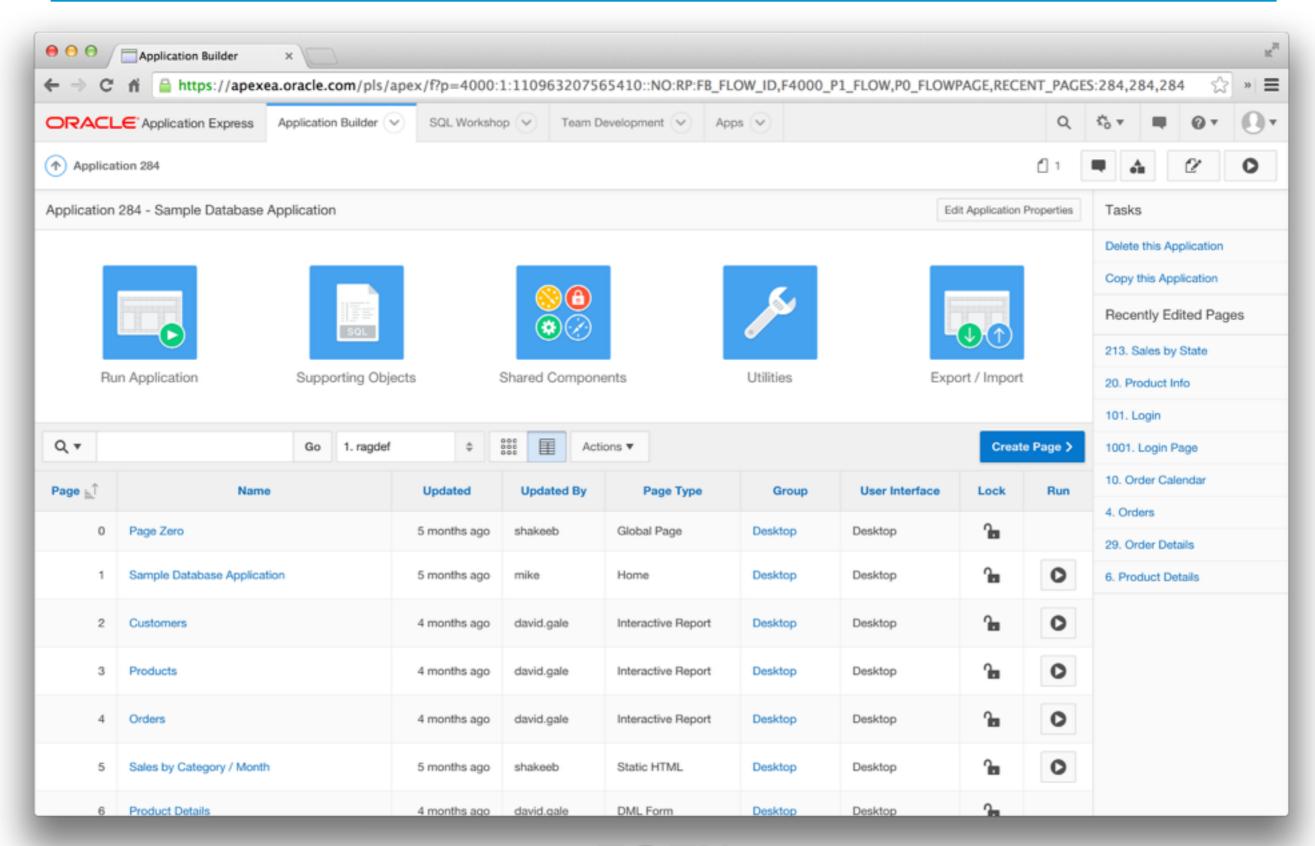


Application Builder



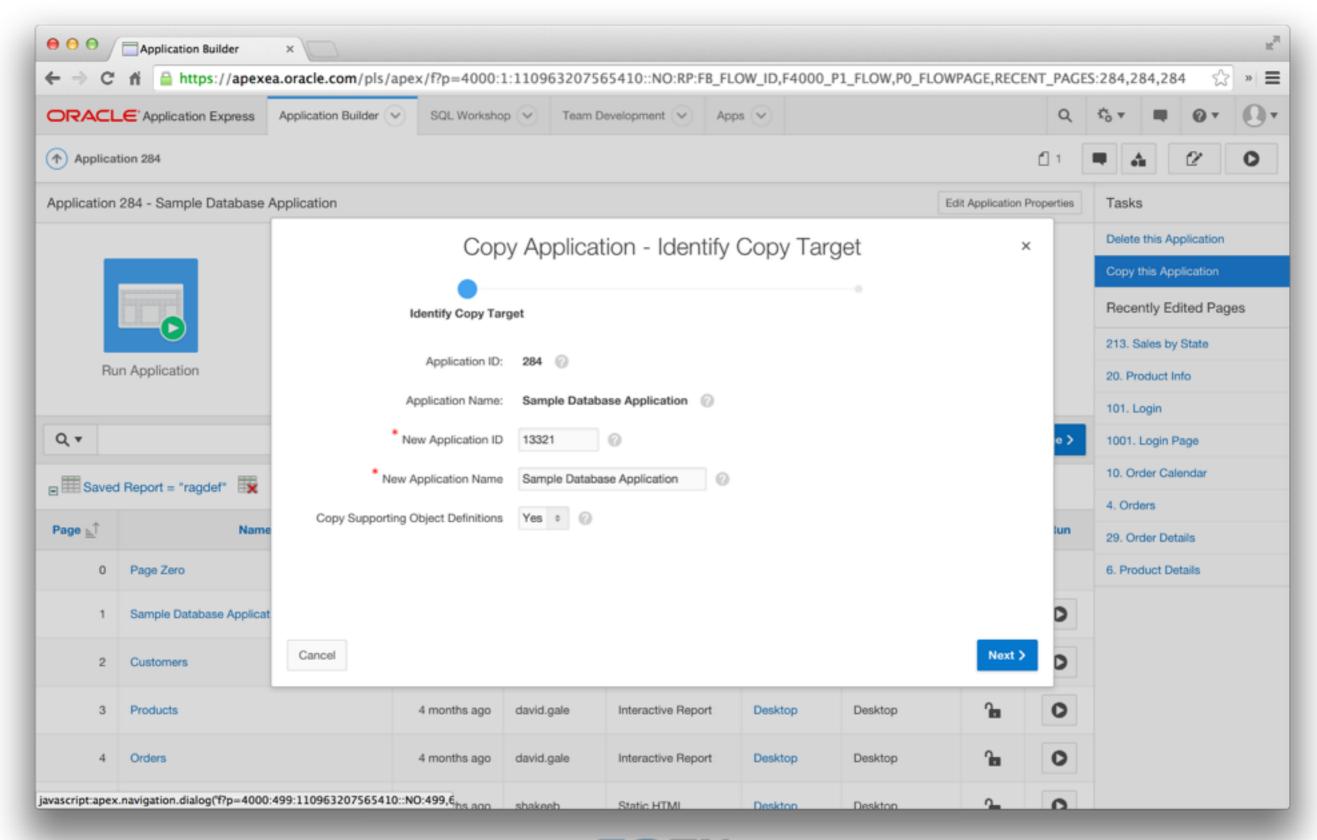


Seiten Übersicht



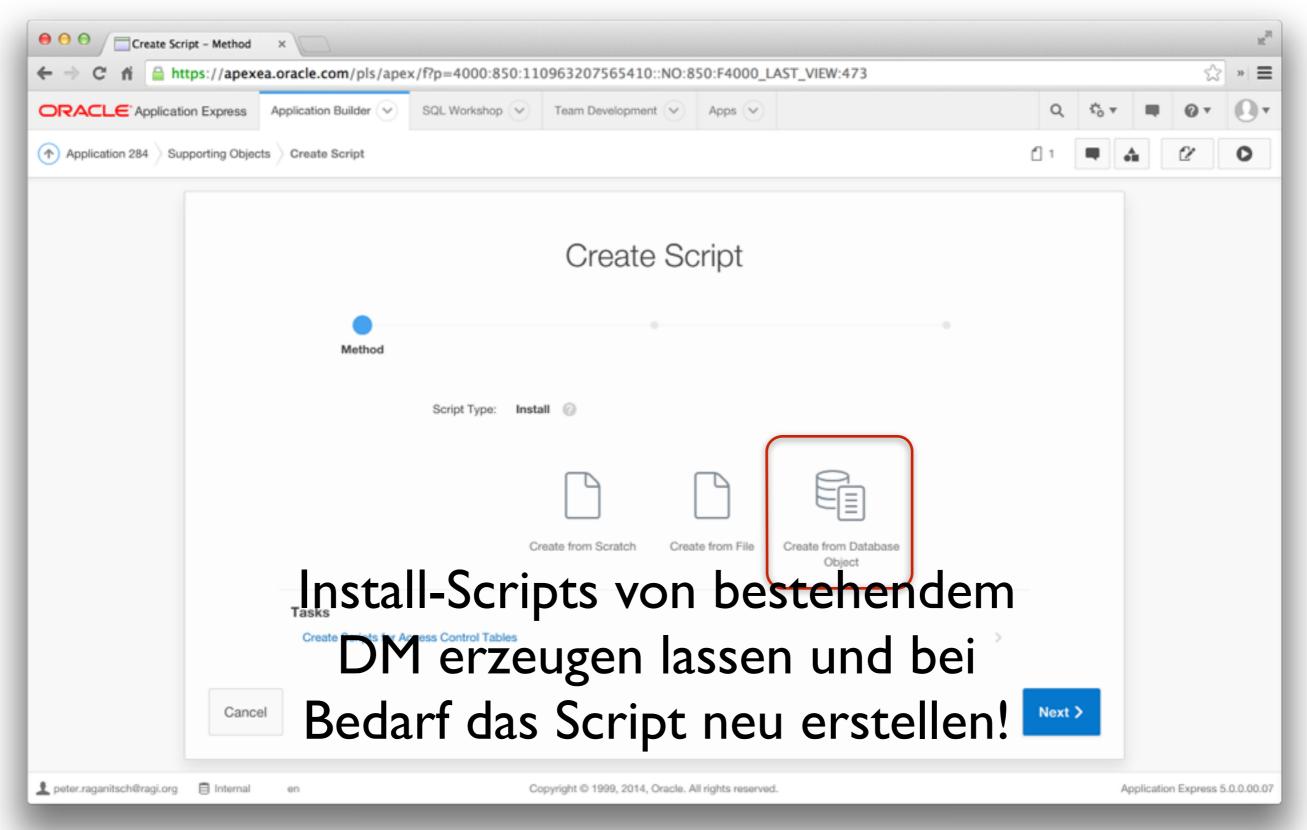


Modale Wizards



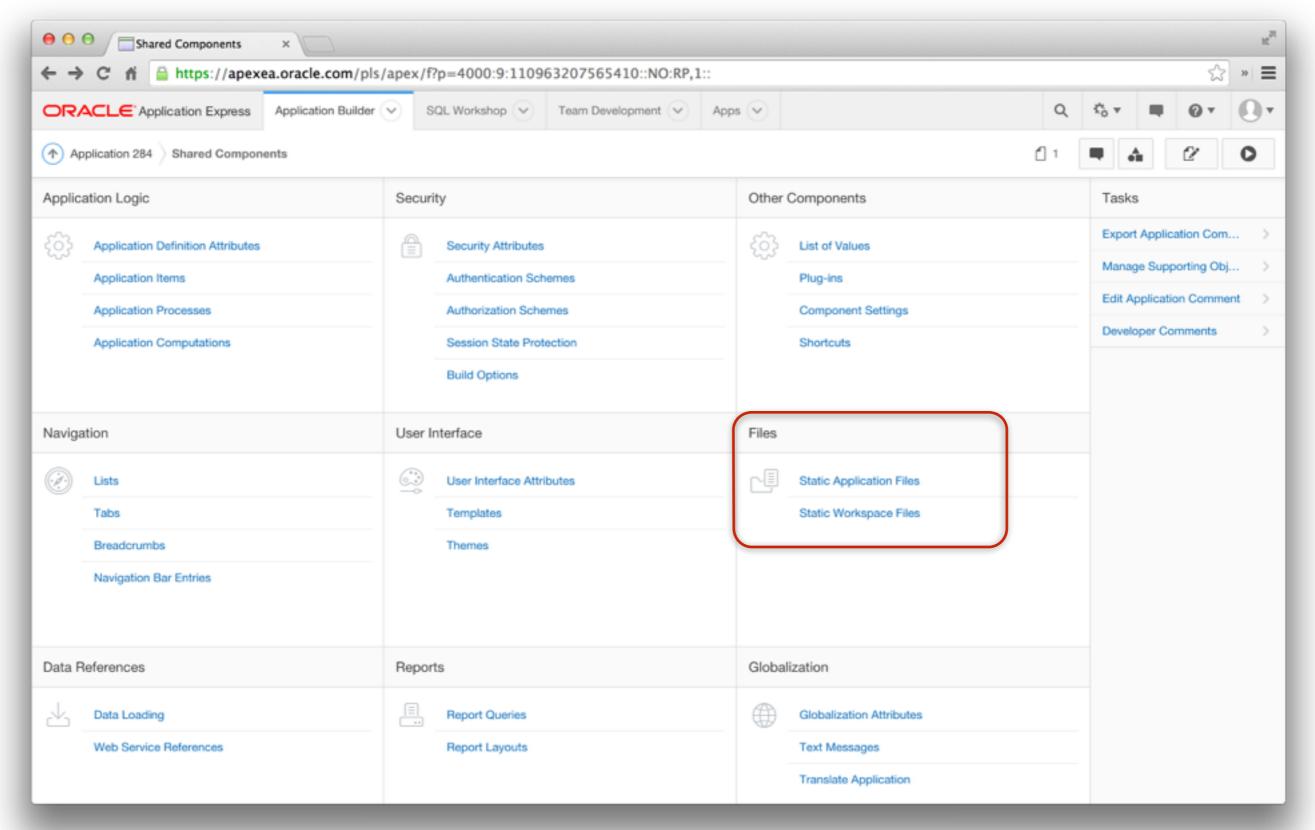


Supporting Objects



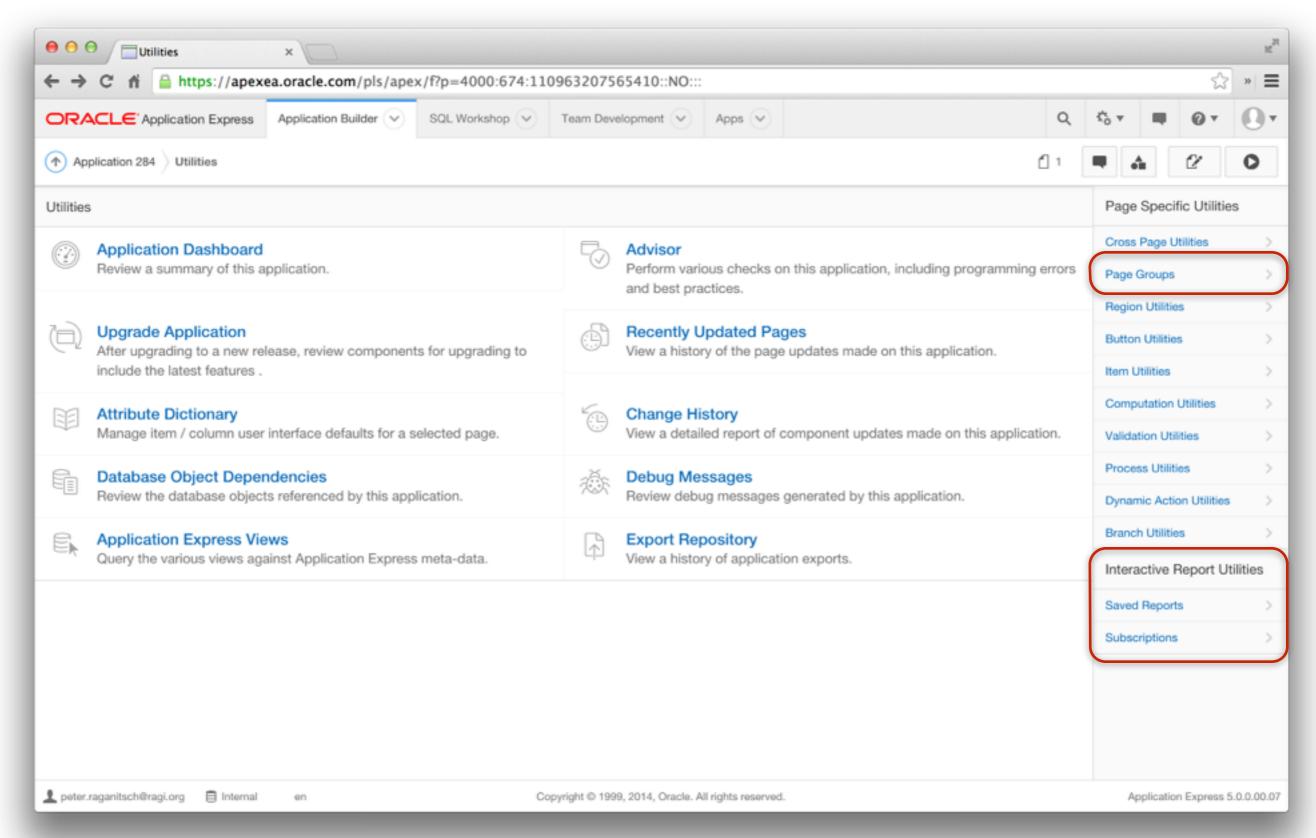


Shared Components



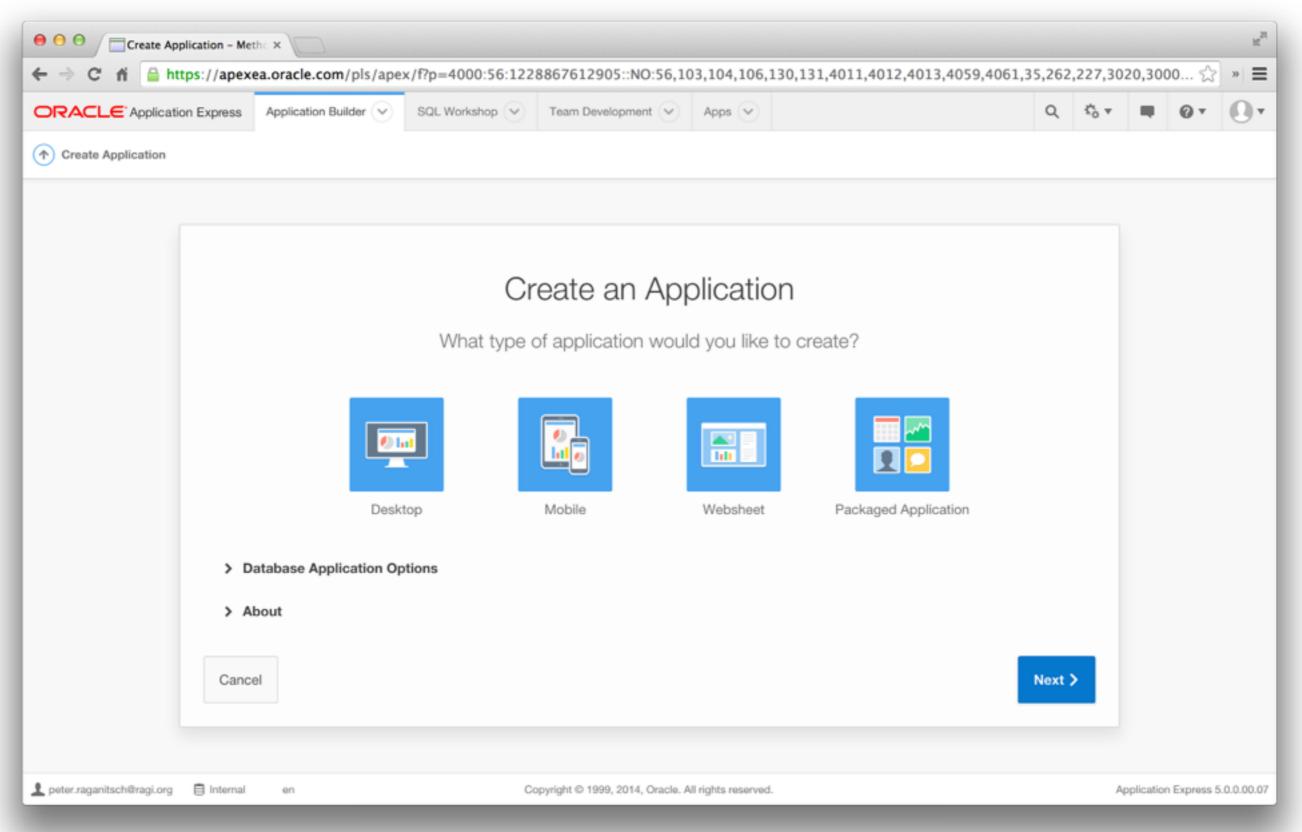


Utilities



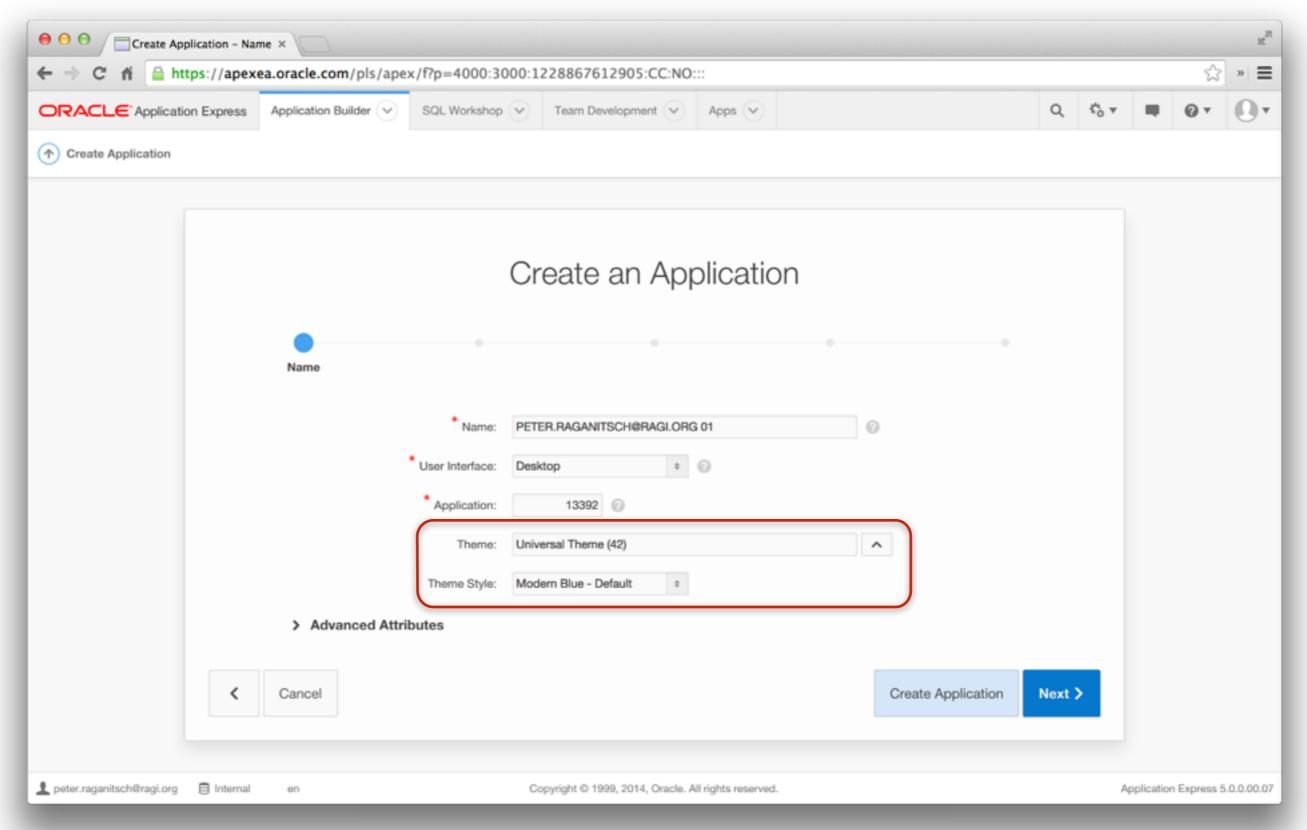


Create Application



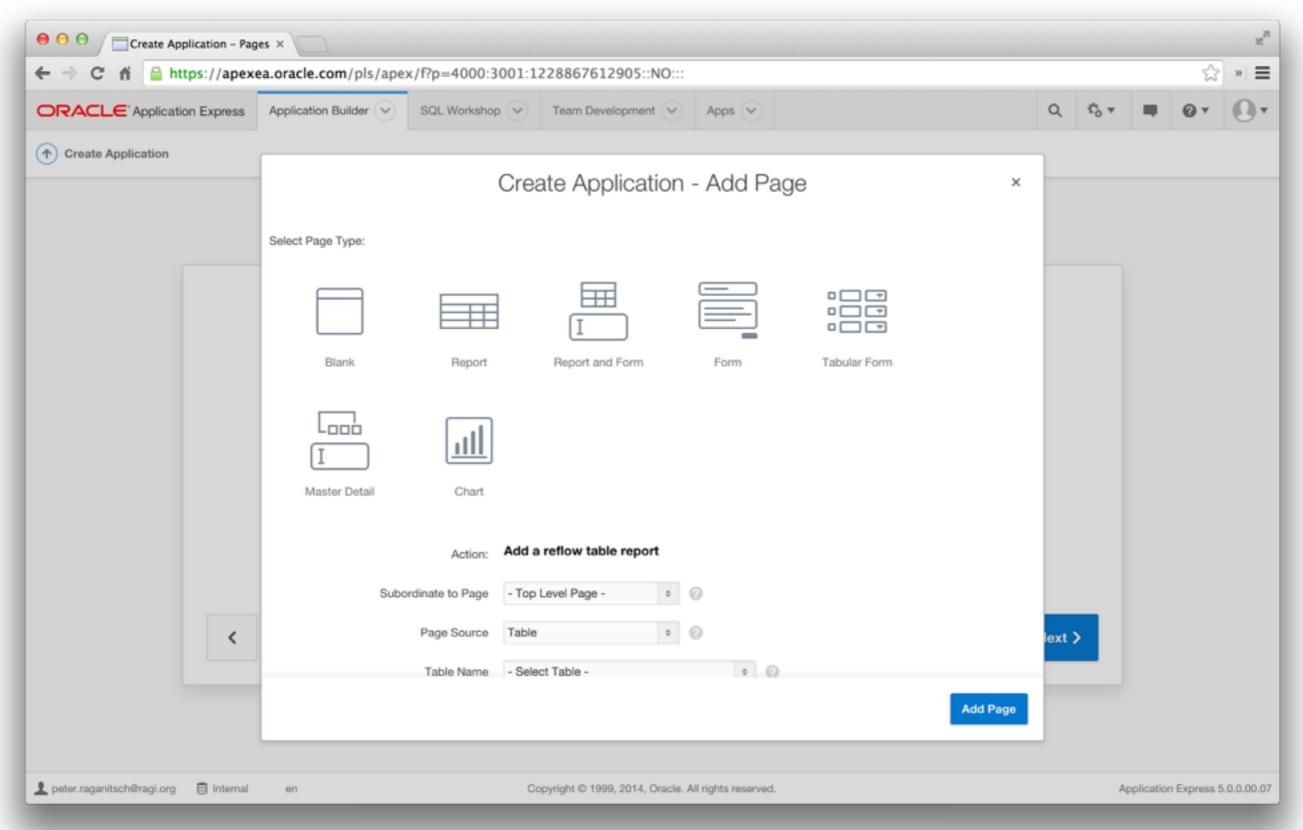


Database Application



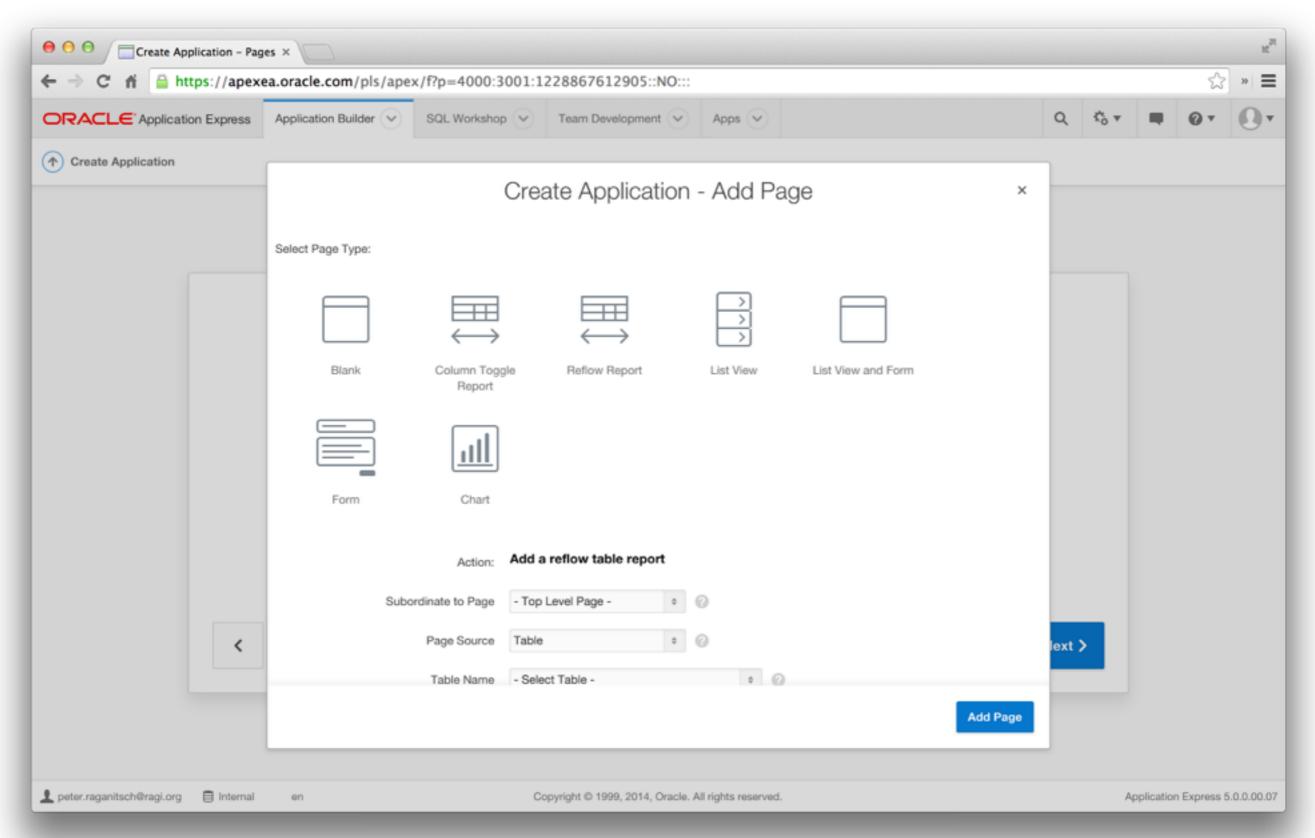


Database Application



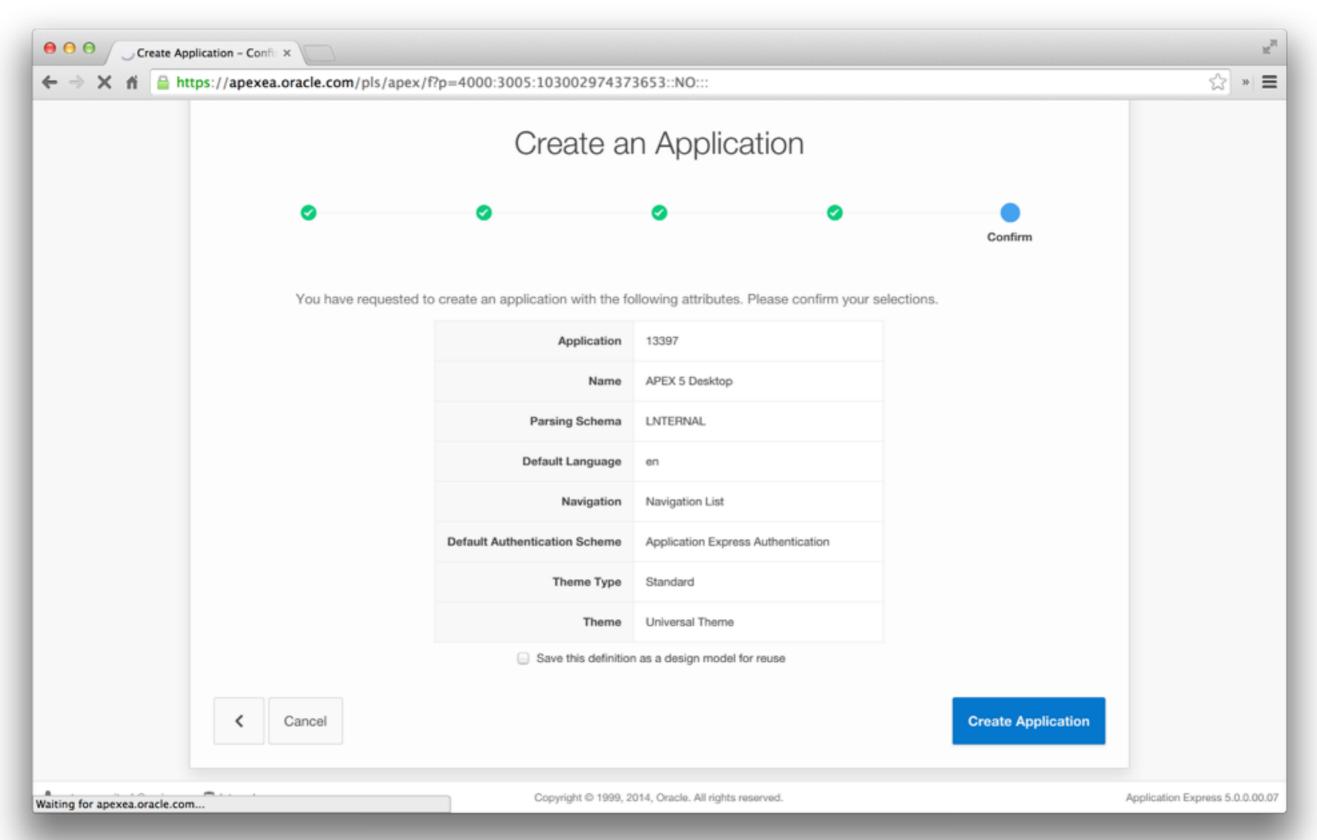


Mobile Application



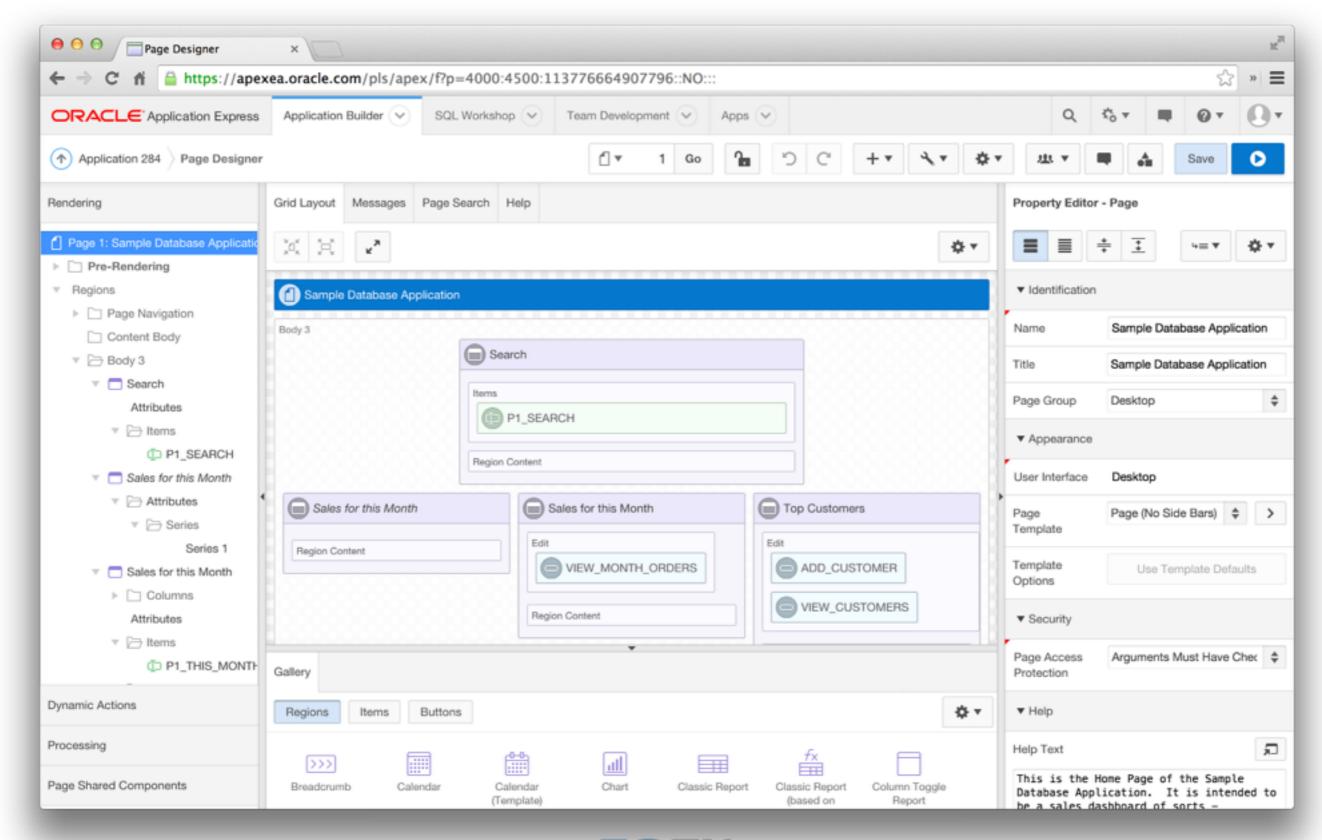


Create Application



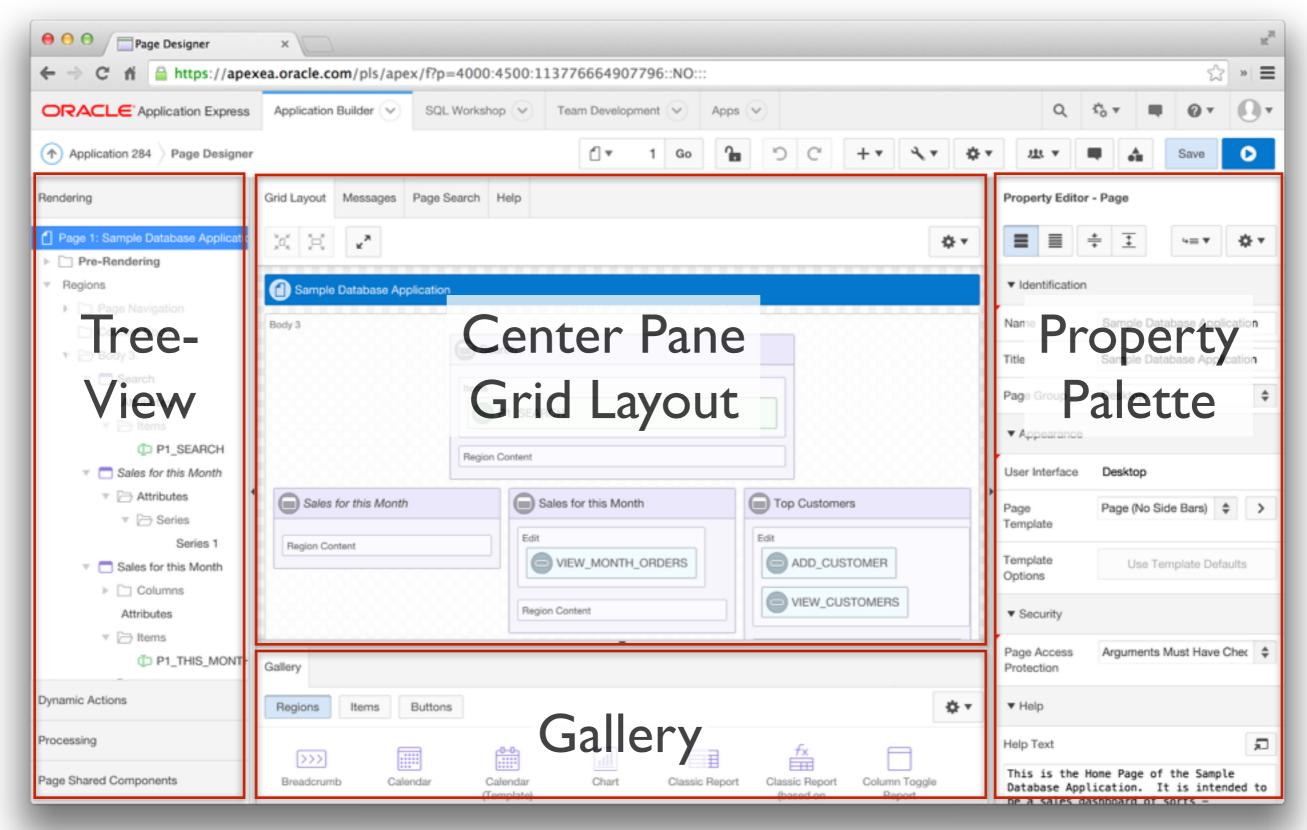


Page Designer



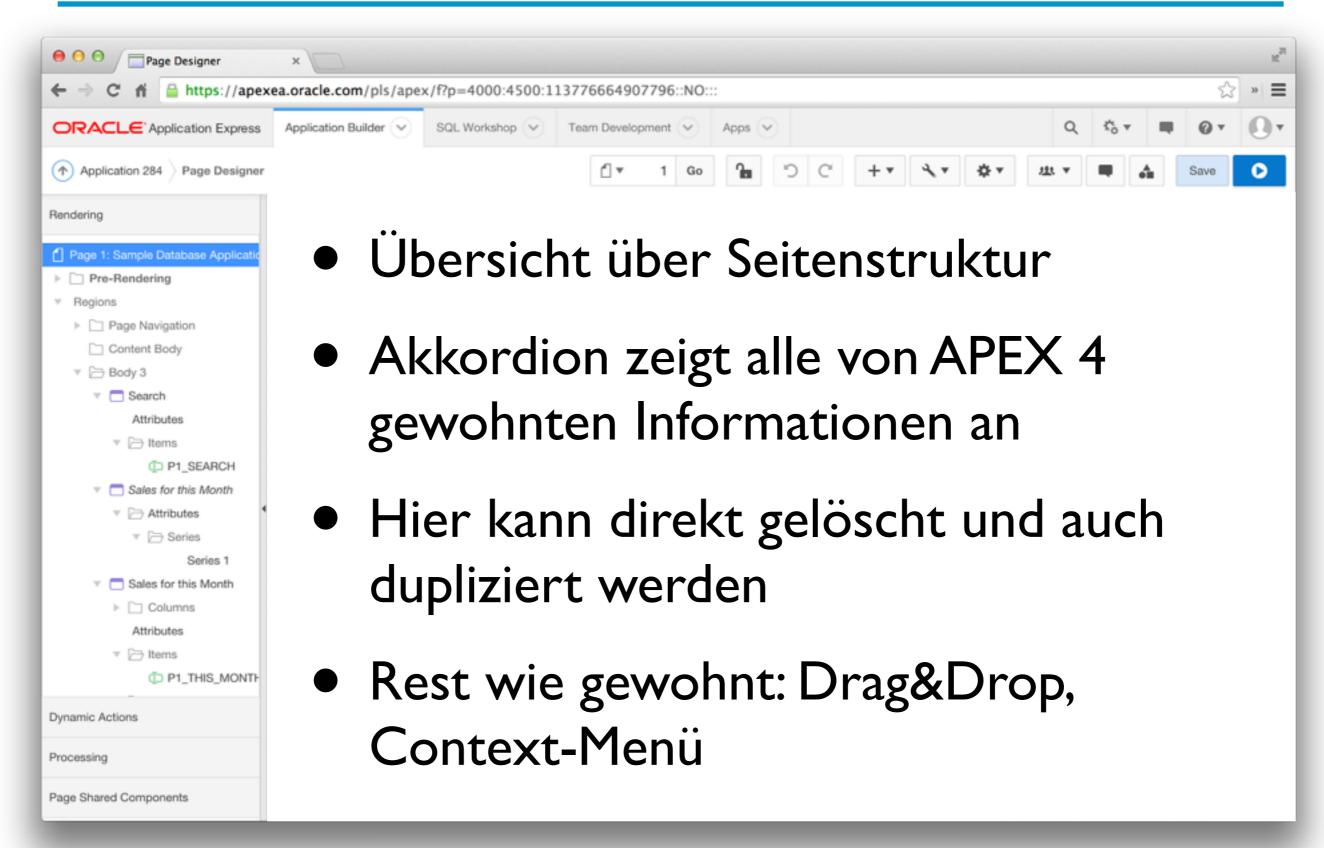


Page Designer



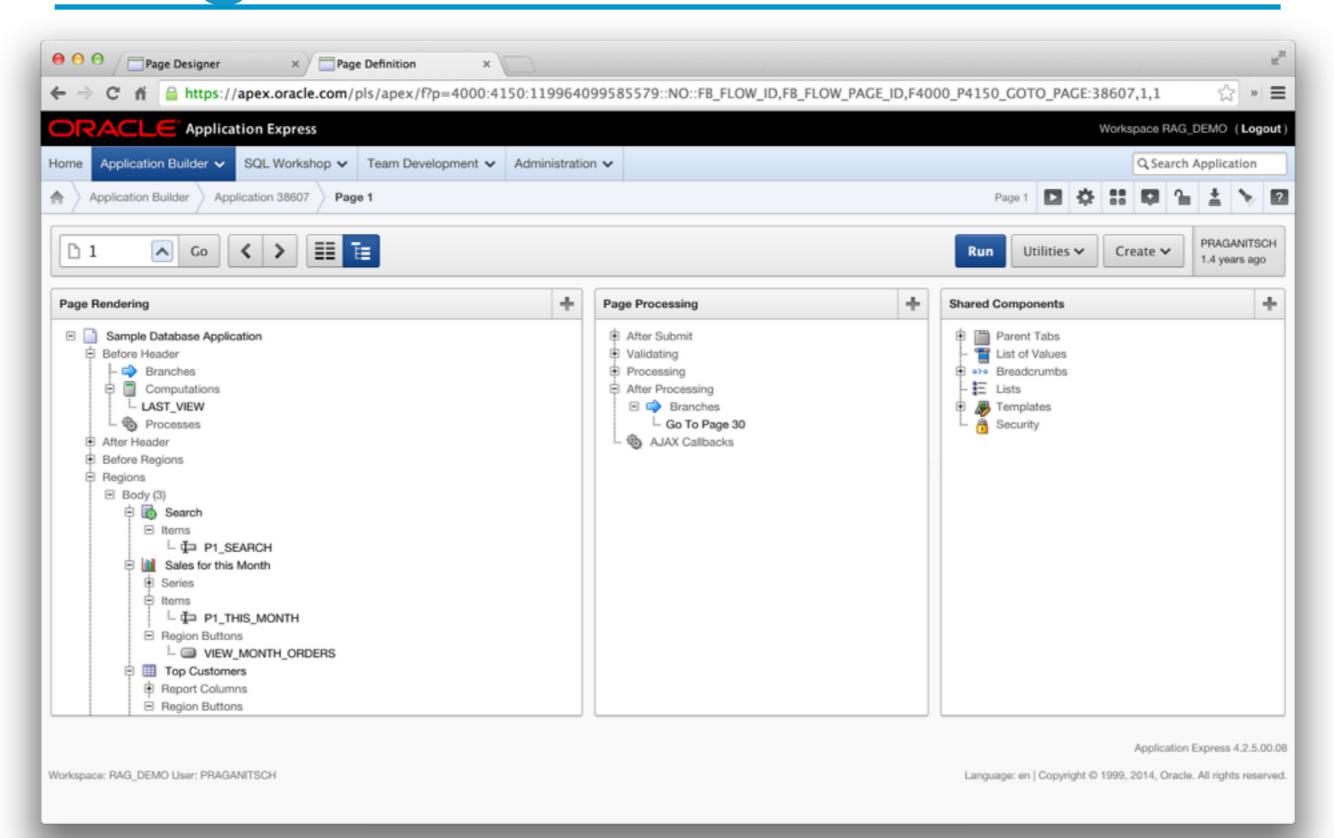


Tree View



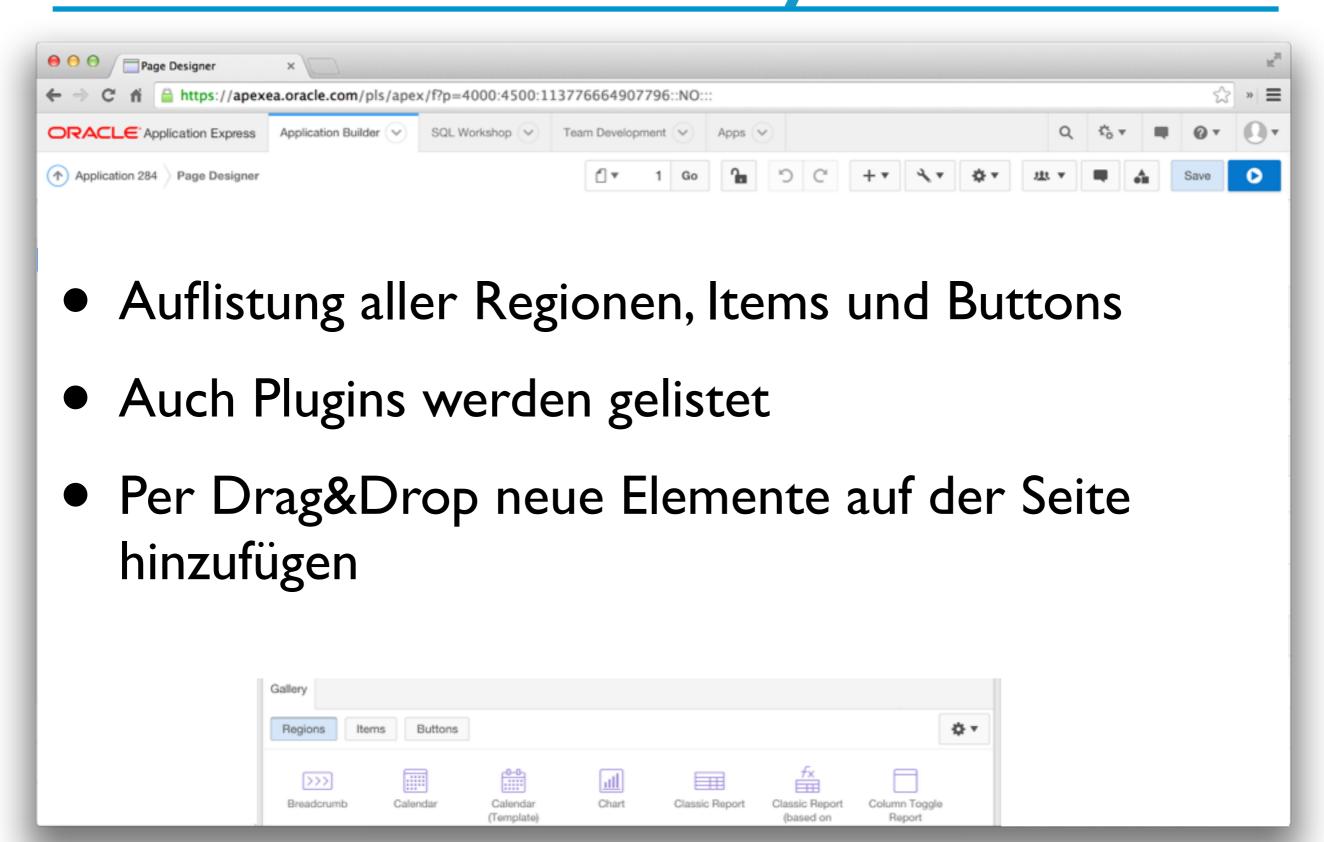


Vergleich Tree View APEX 4



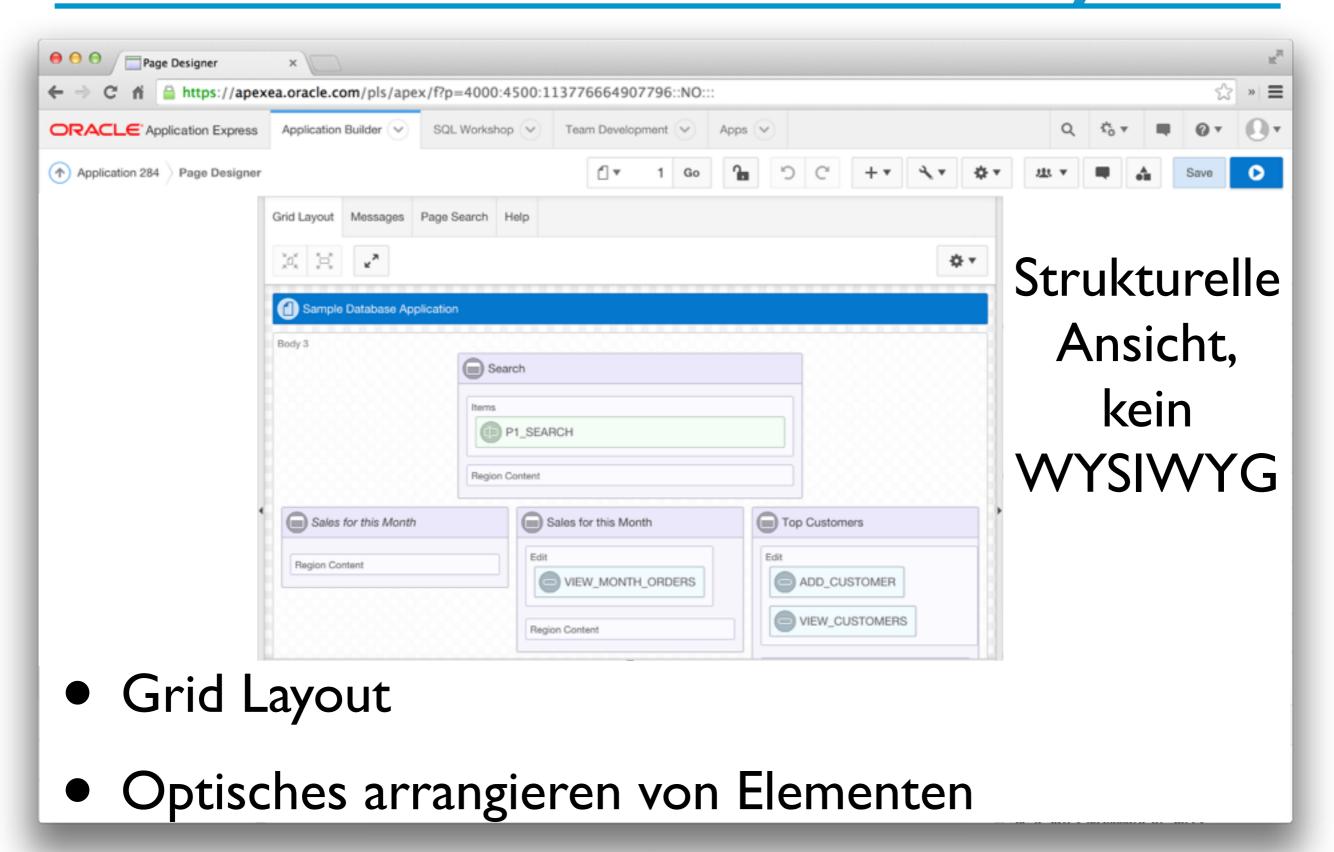
FOEX

Gallery



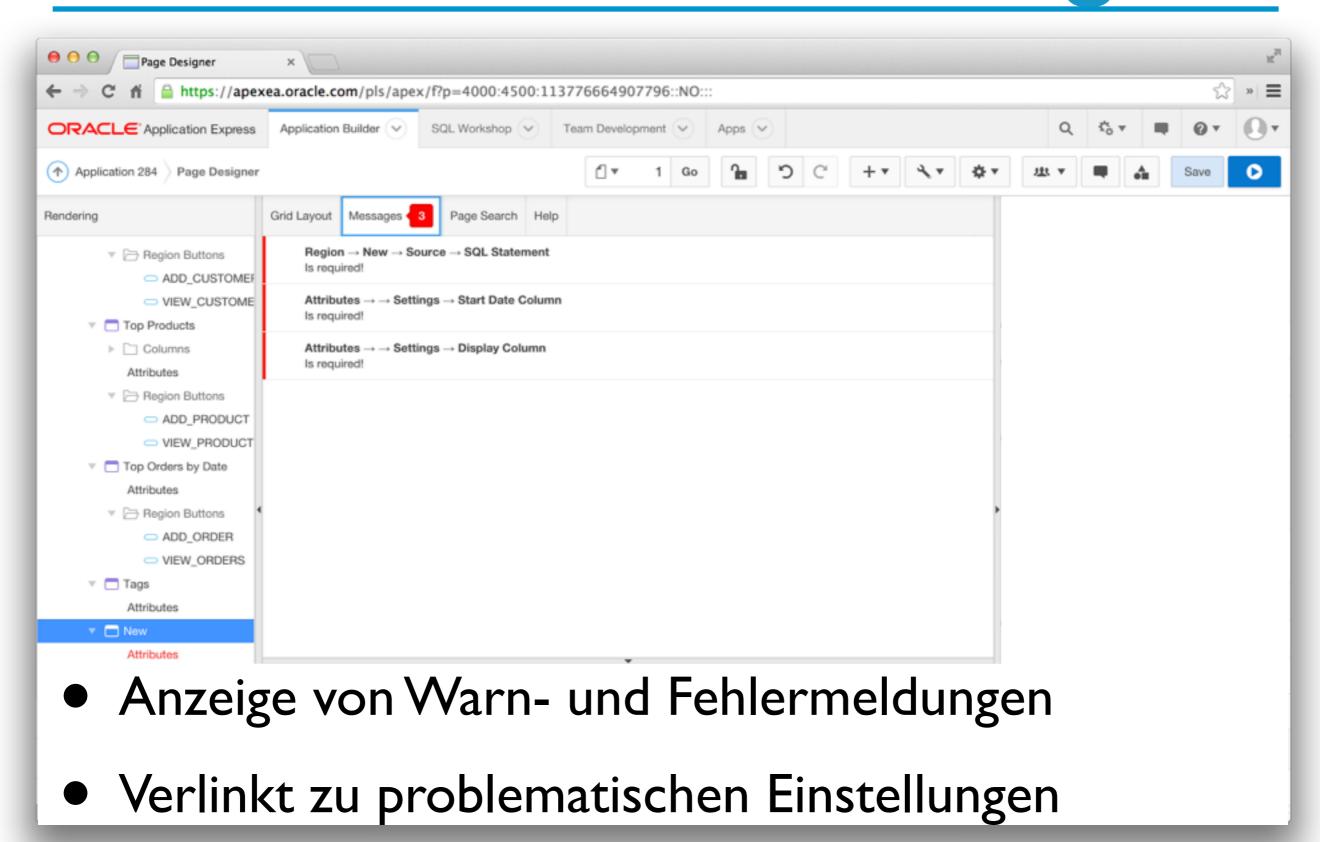


Center Pane - Grid Layout



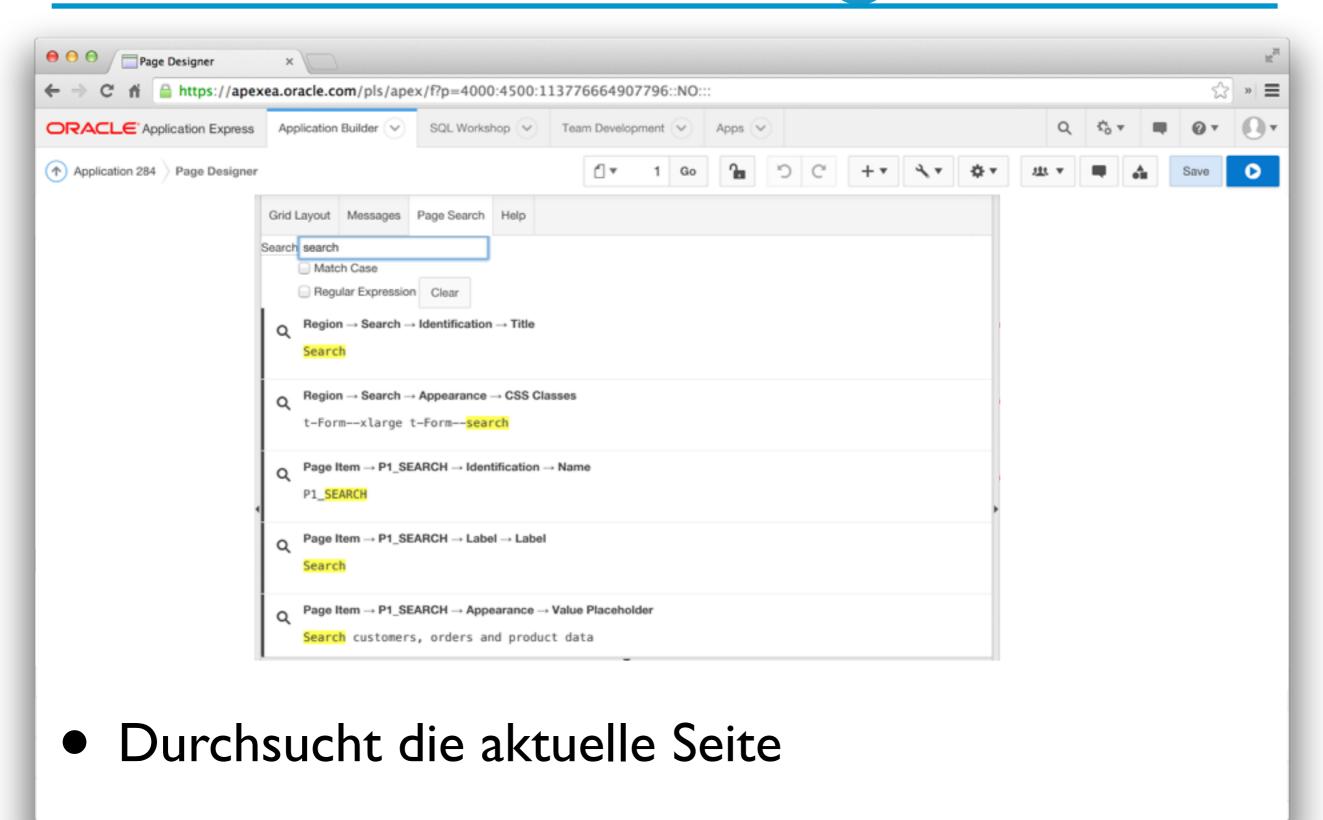


Center Pane - Messages



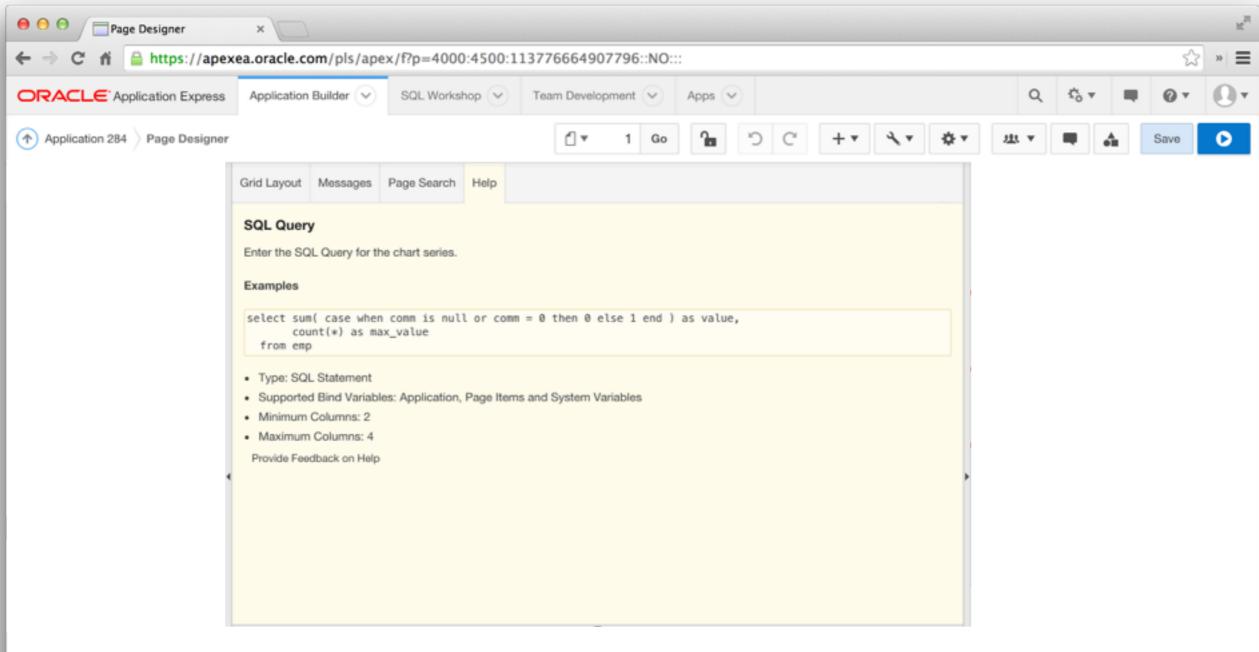


Center Pane - Page Search





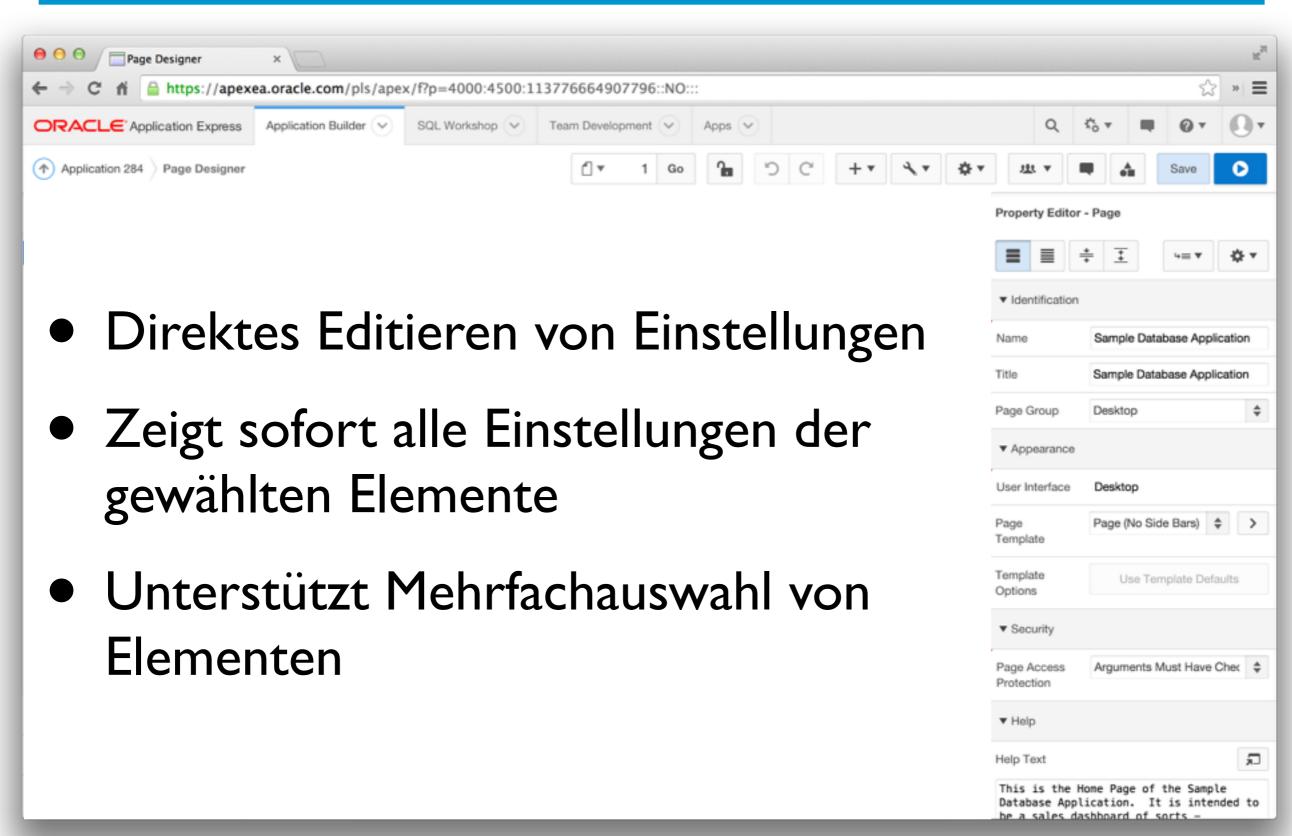
Center Pane - Help



 Detailierte Hilfe zur aktuell gewählten Einstellung der Property Palette

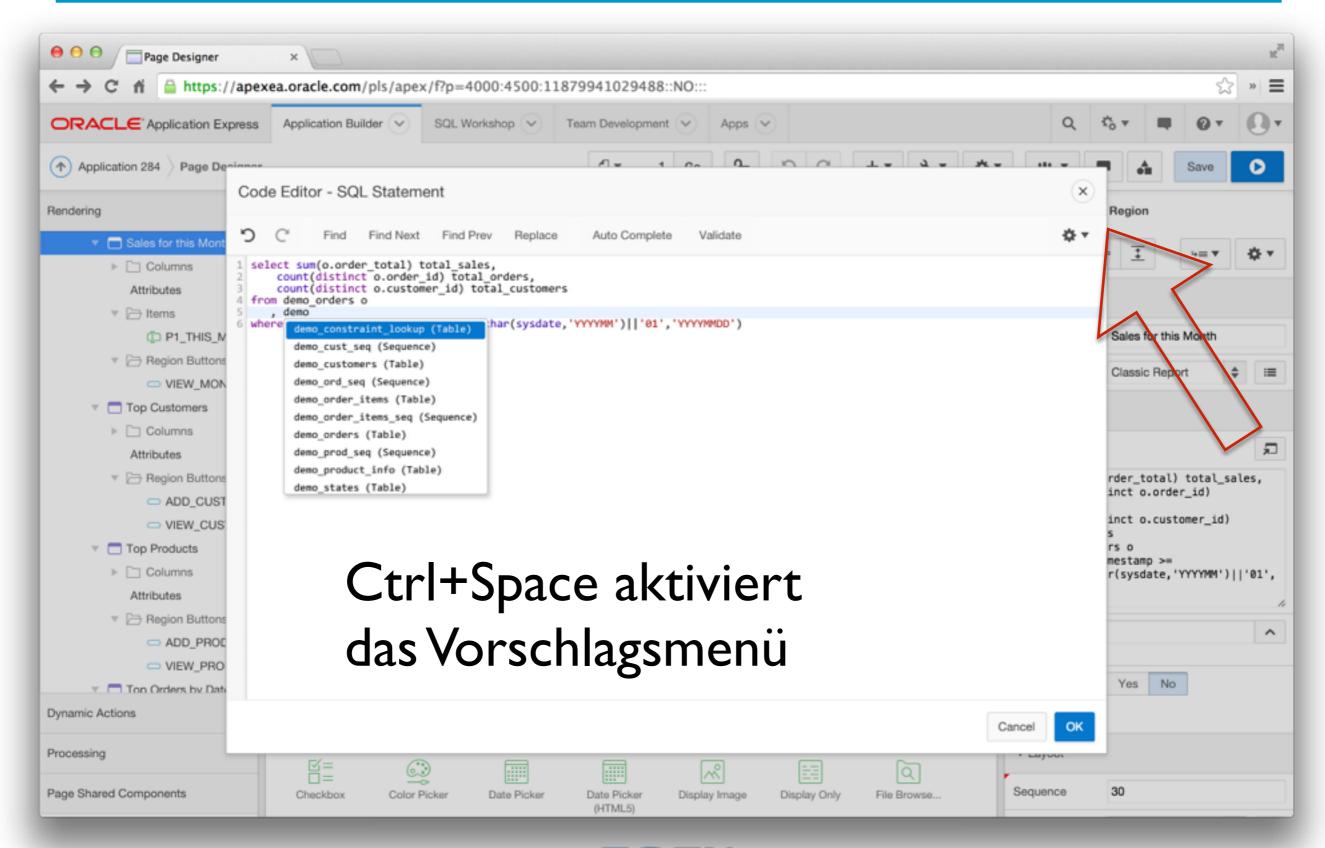


Property Palette



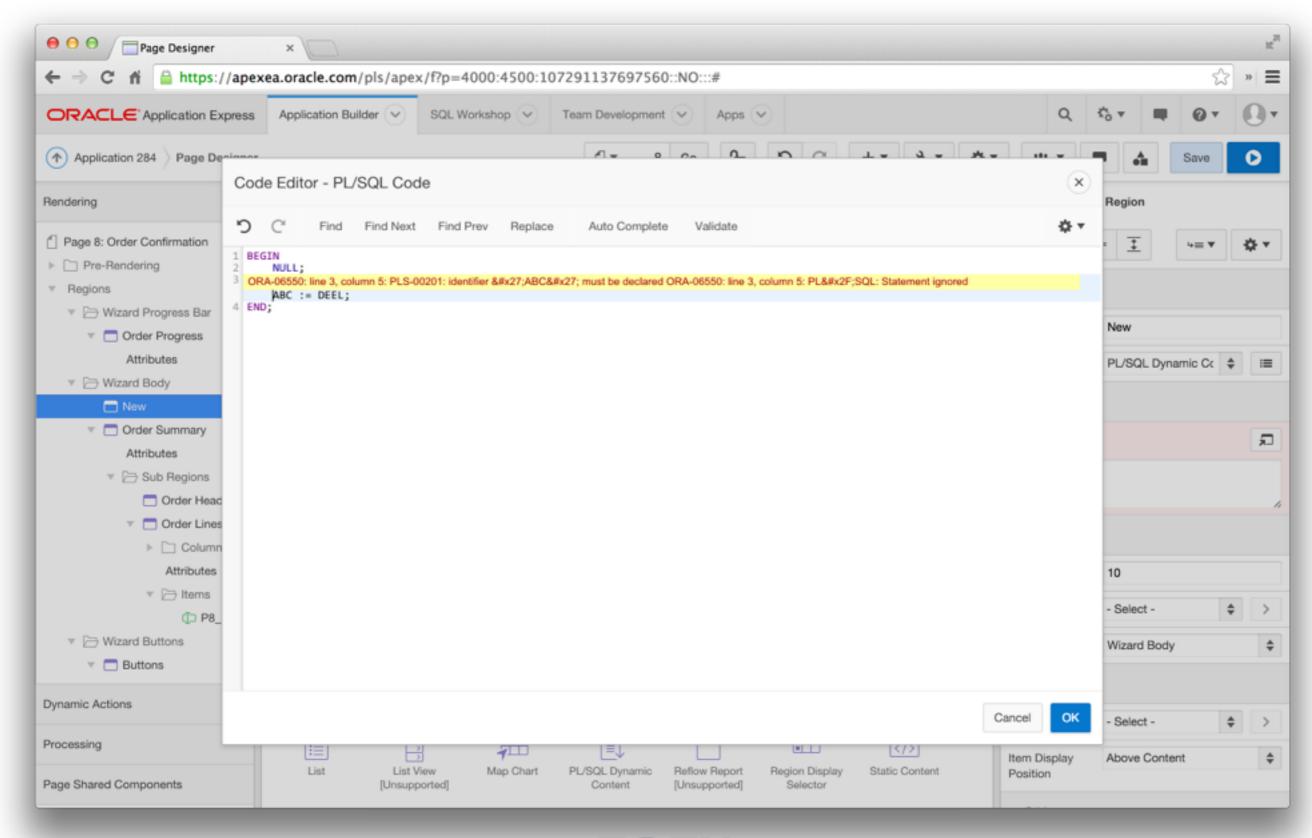


Syntax Highlighting



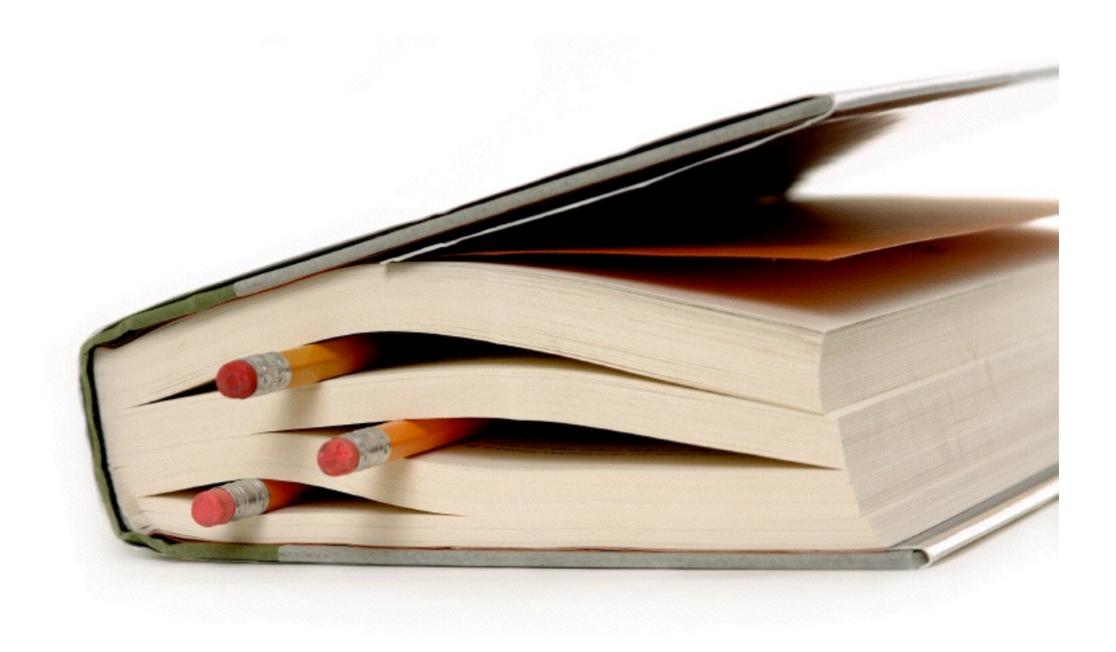


Code Validierung





Libraries



Neue Versionen

- Anychart Flash/HTML5 6.2.0
- AnyGantt 4.3.0
- CKEditor 4.3
- jQuery 2.1.0
- jQuery UI 1.10.3
- jQuery Mobile 1.4

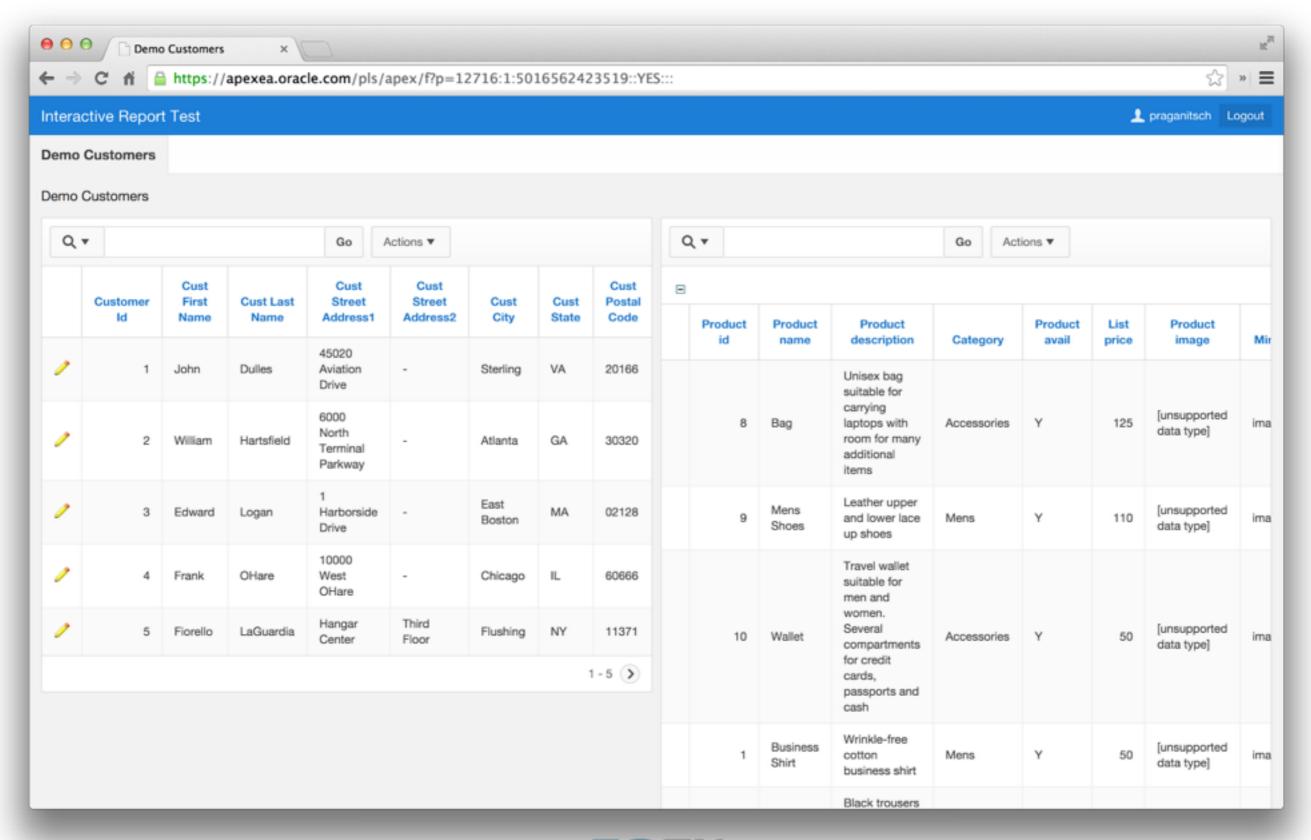
Neue Tools/Libraries

- jQuery Migrate 1.2.1
- Modernizr 2.6.2
- Font Awesome 4.0.3
- jQuery FullCalendar 1.6.4

Interactive Reports

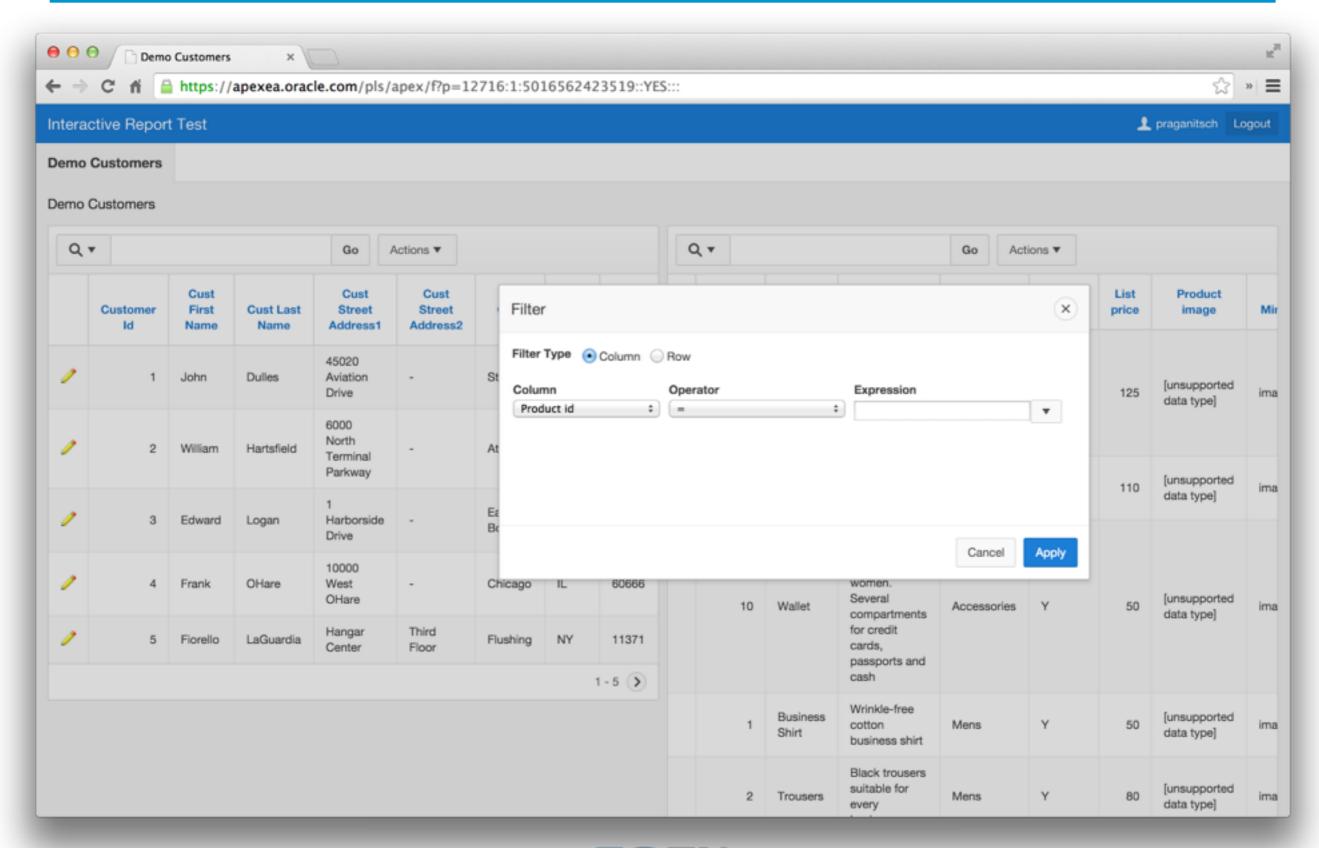


Mehrere IR's pro Seite



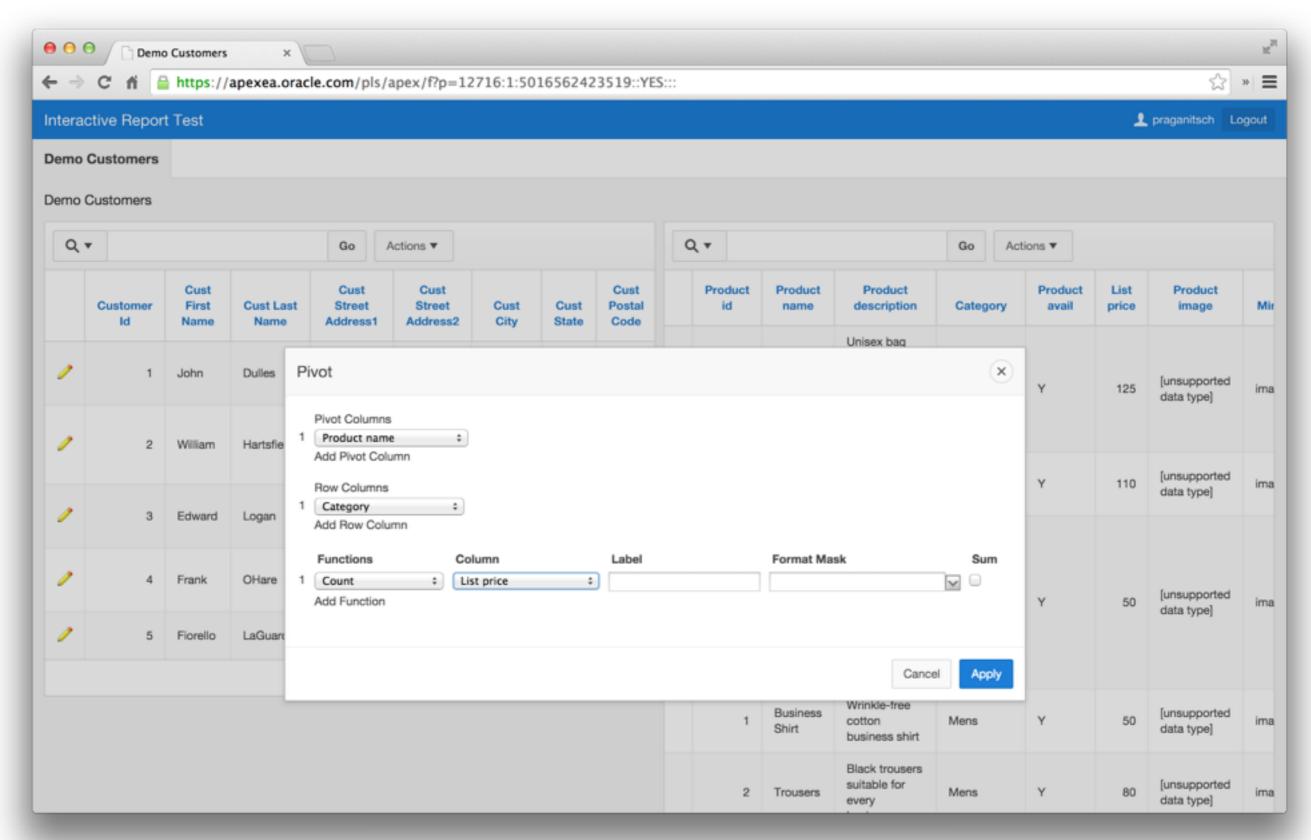


Modales Menü



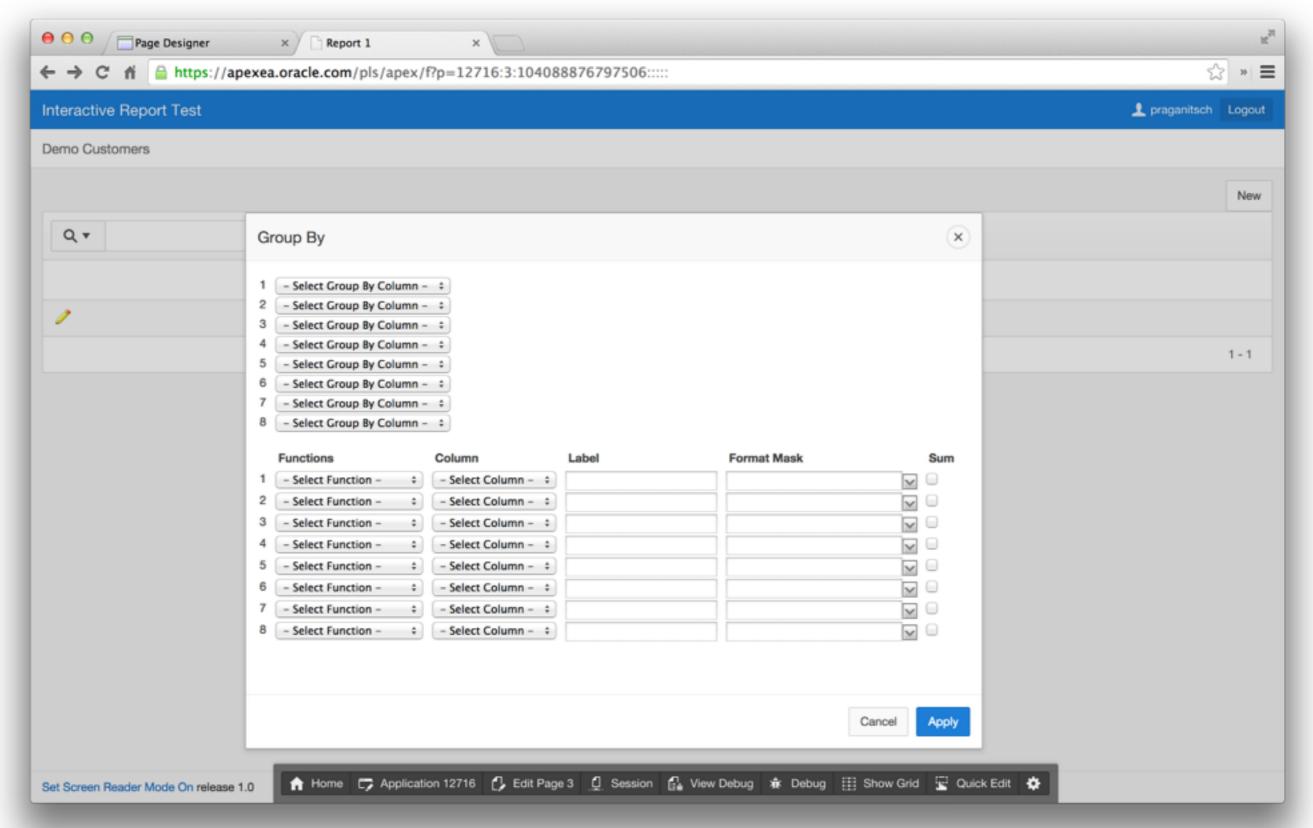


Pivot





8x Group By





JS-Zugriff auf IR

- jQuery("#<report-id>_ir").data("apex-interactiveReport").refresh()
- jQuery("#<report-id>_ir").data("apex-interactiveReport").option("regionId")
- jQuery("#<report-id>_ir").data("apex-interactiveReport").option("currentRowsPerPage","5")

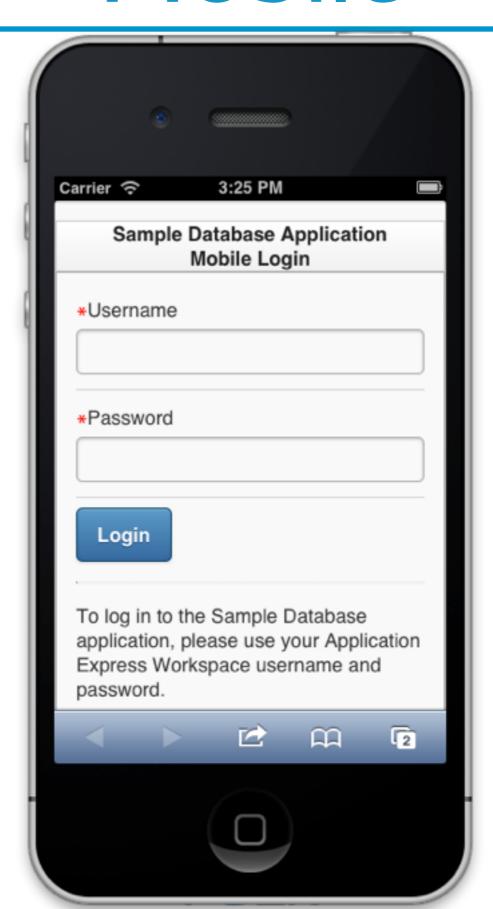
S-Override

```
    jQuery("#R511021255076588904_ir").data
("apex-interactiveReport").refresh =
function() {
    console.log('tataaa');
```

```
this._pull();
```

• }

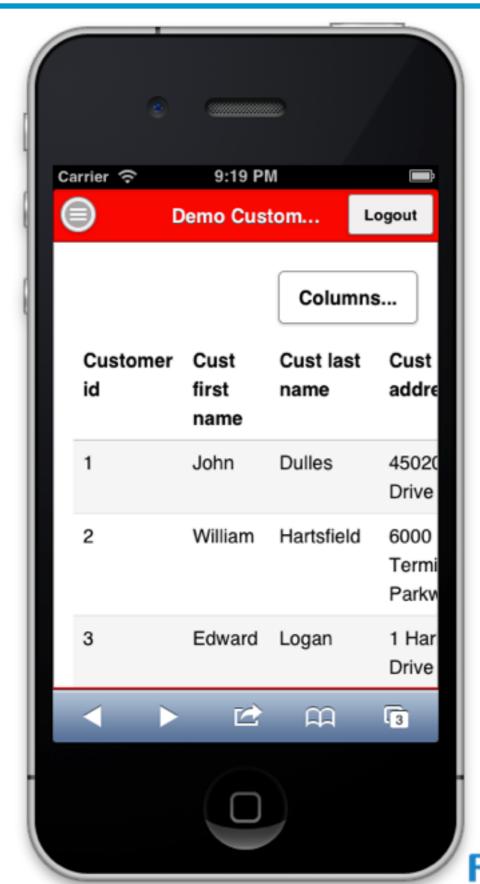
Mobile

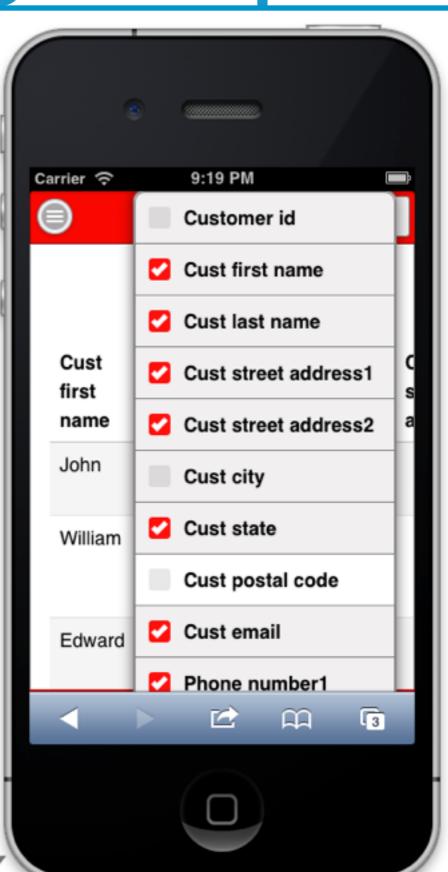


CSS Calendar



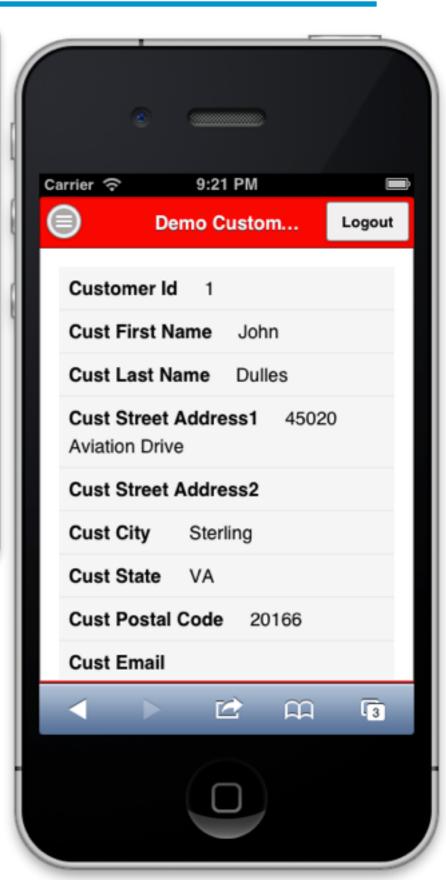
Column Toggle Report





Reflow Report

	Demo Customers					Logout
©	Customer Id	Cust First Name	Cust Last Name	Cust Street Address1	Cust Street Address2	Cust City
	1	John	Dulles	45020 Aviation Drive		Sterling
	2	William	Hartsfield	6000 North Terminal Parkway		Atlanta
	3	Edward	Logan	1 Harborside		East





Modal Dialog



Slide-In Menu



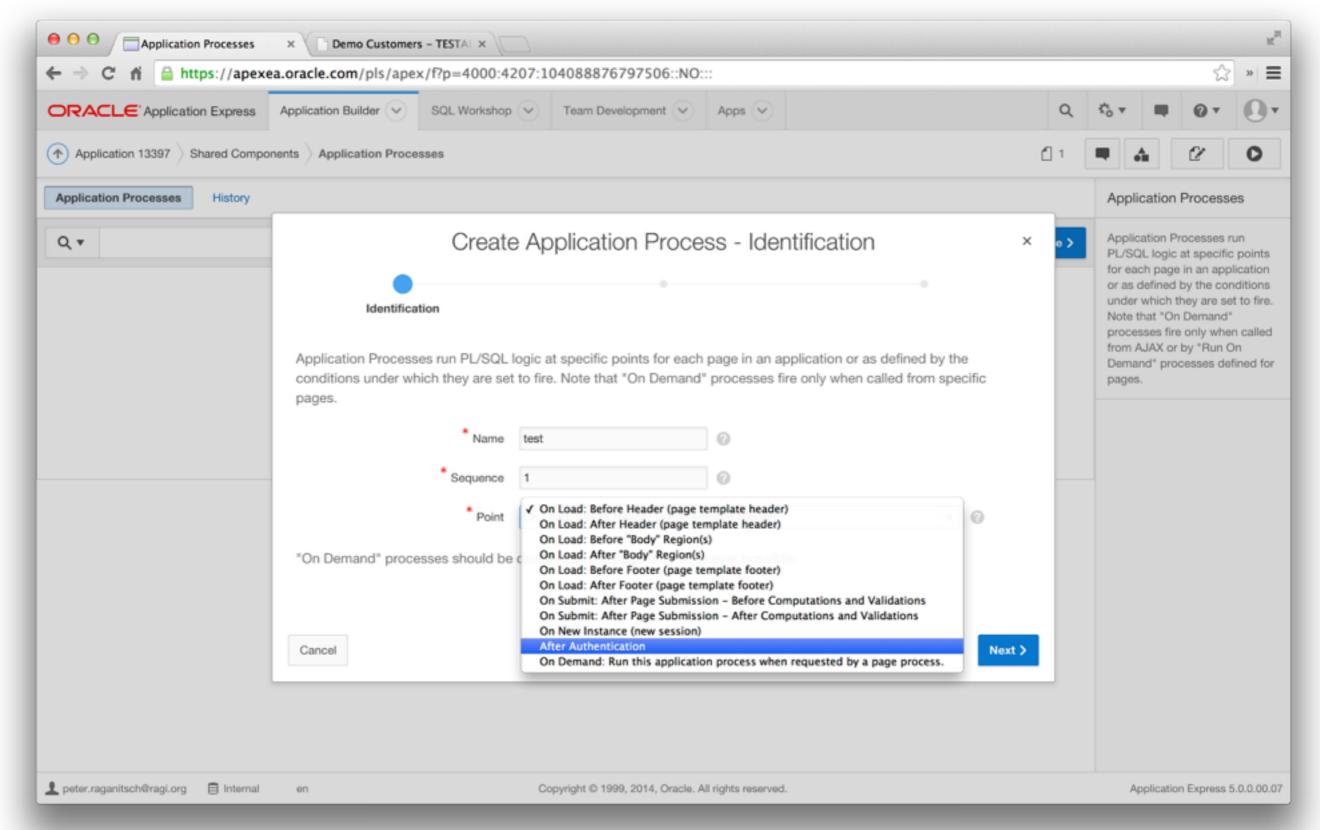
Security



Security

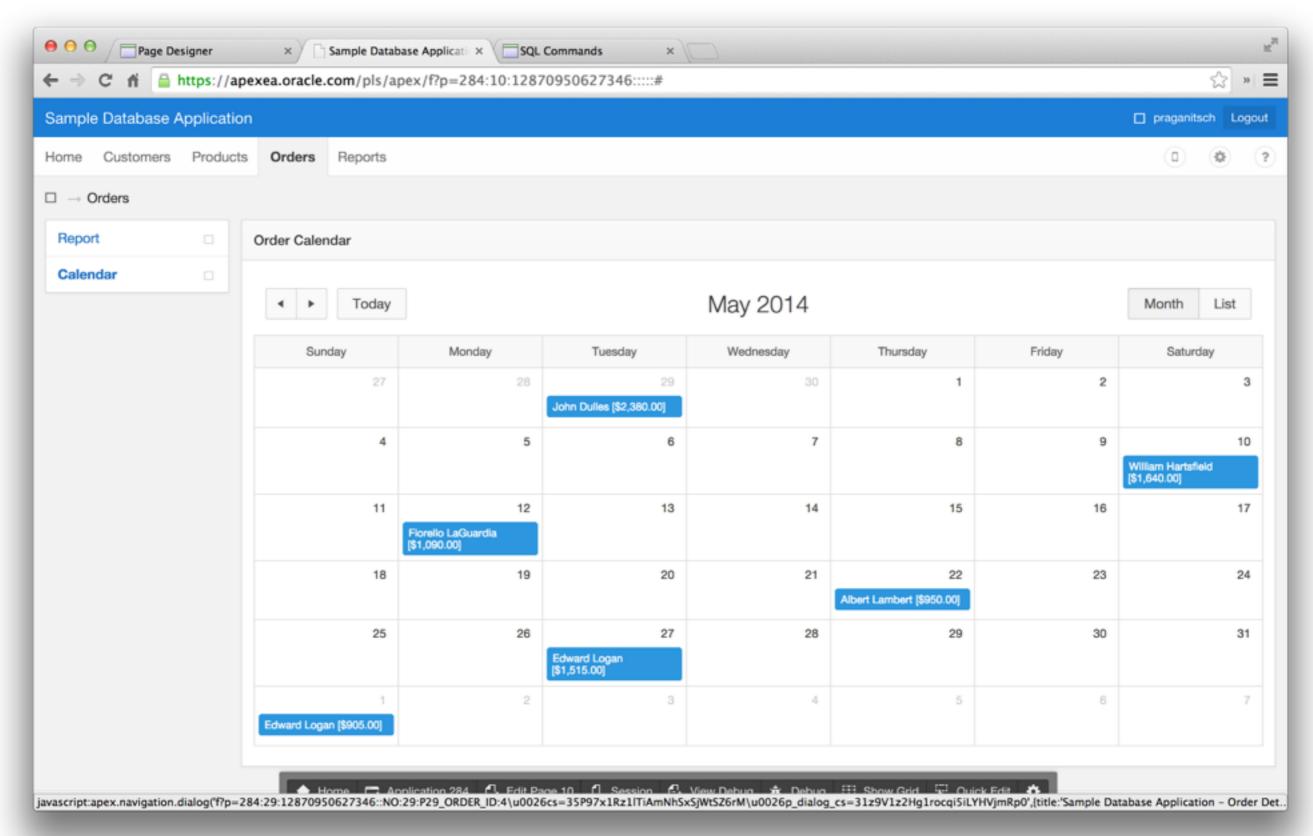
- Bookmark Hash Function
- HTTP Response Headers auf Instanz und Applikations-Ebene
- Runtime API Usage
- Authorization "Once per Component" und "Always"
- Rejoin Sessions

After Authentication

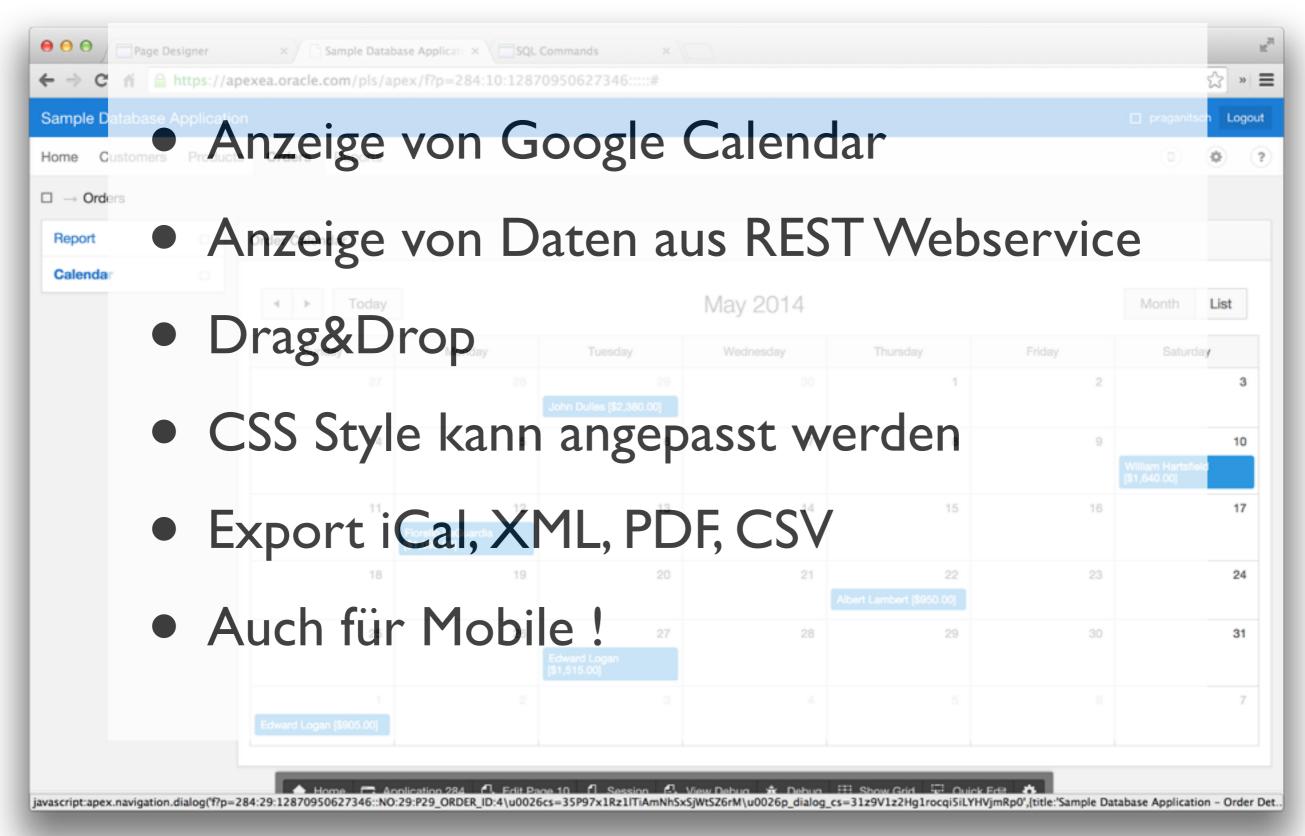




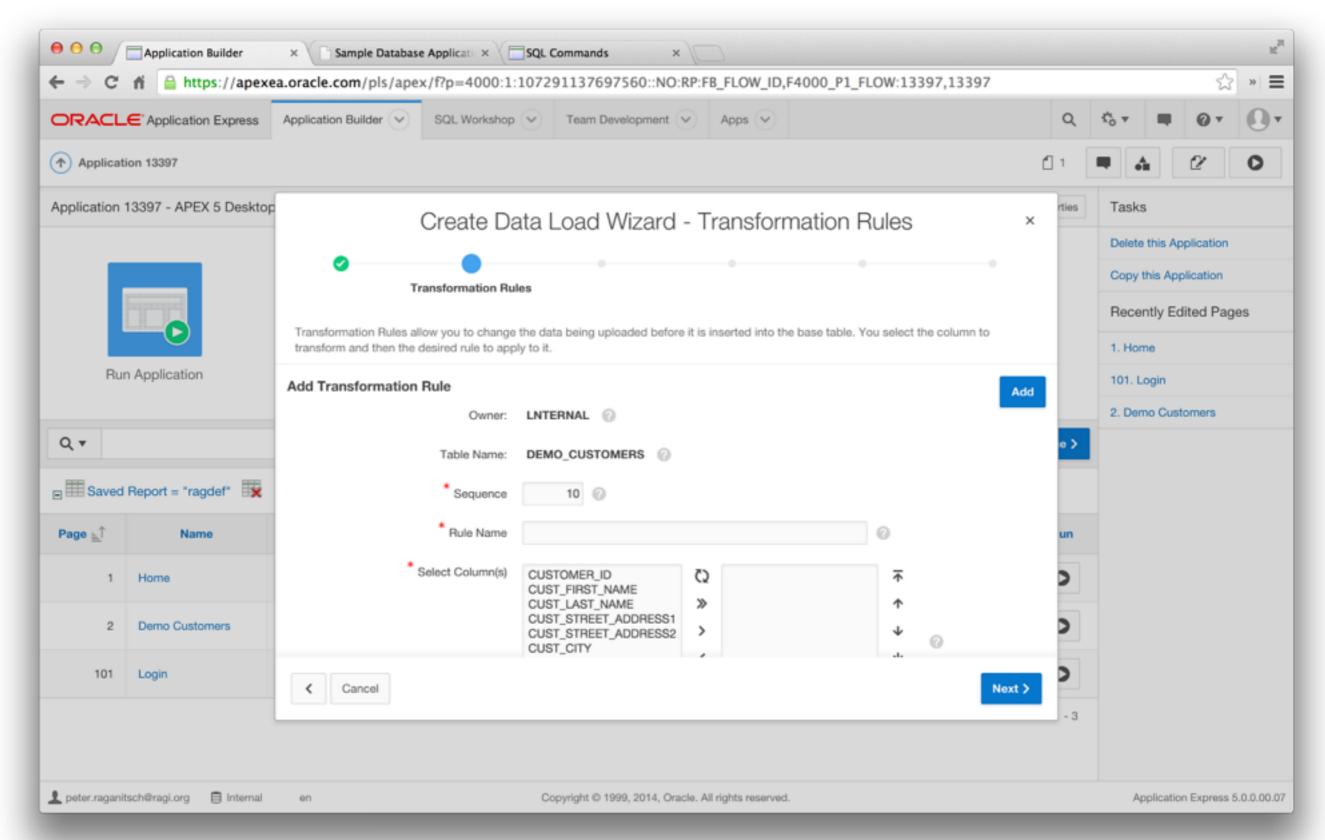
Neuer Calendar



Neuer Calendar

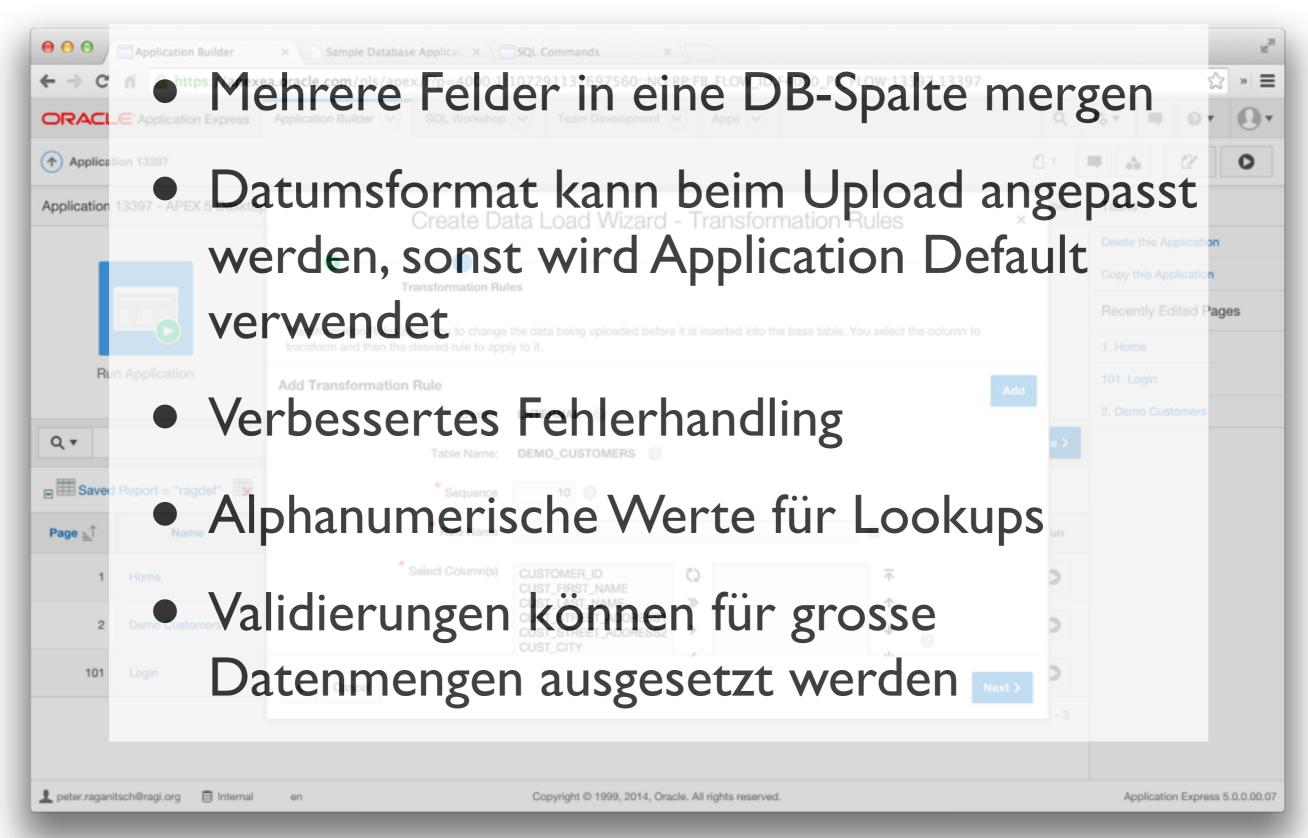


Data Loading





Data Loading





Dateien in APEX



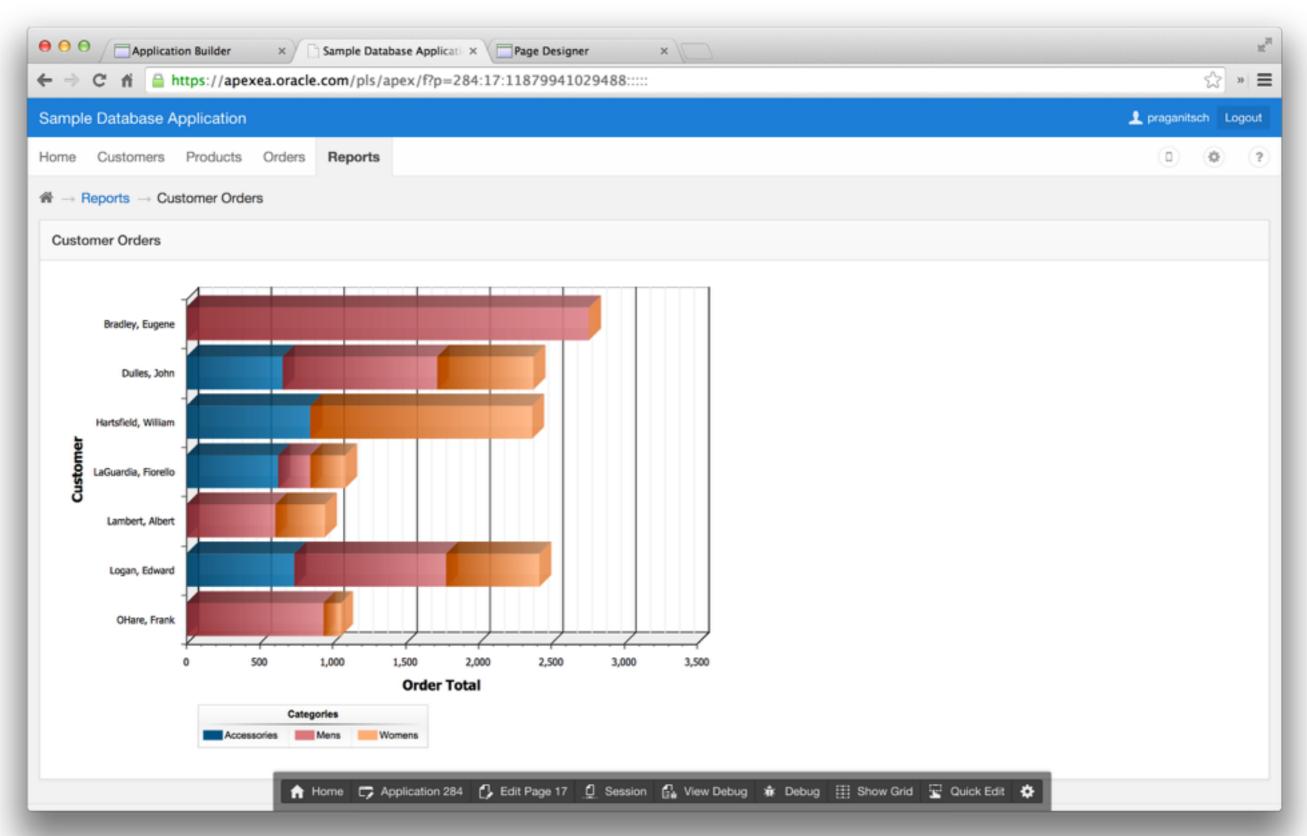
Dateien in APEX

- Application und Workspace Files neu entwickelt
- Werden nun mit "friendly URL"
 referenziert (<workspace>/r/files/static/...).
 Dadurch optimales Browser caching
- neue Einstellung "Static File Prefix" in den User Interface Attributes, um zentral den #APPLICATION_IMAGES# zu beeinflussen
- Verzeichnisstrukturen möglich

Dateien in APEX

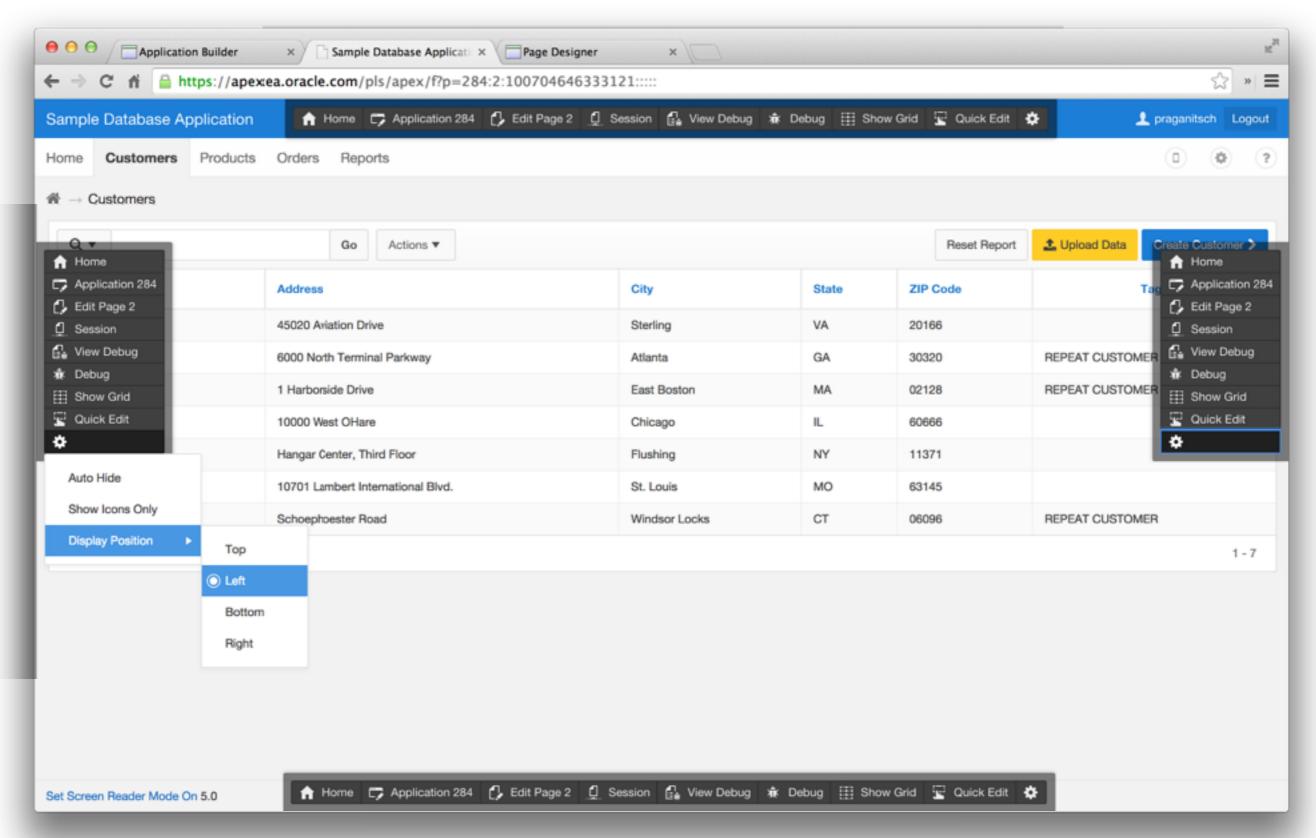
- Upload und automatisches Entpacken von ZIP-Dateien möglich
- Gilt für Application+Workspace Files, CSS, Javascript, Themes, Plugins, ...

3D HTML5 Charts



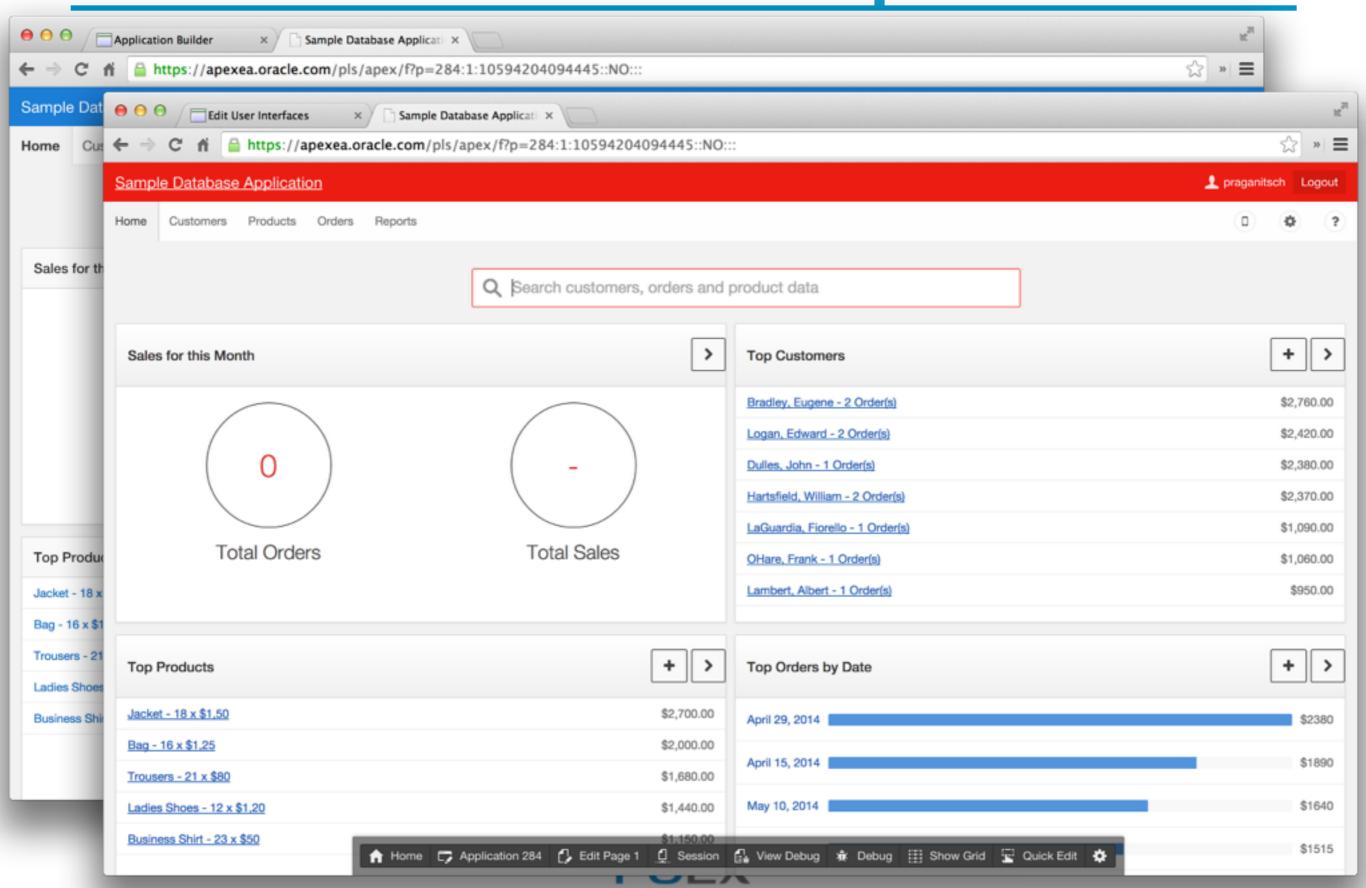


Developer Toolbar





Themes / Templates



Themes / Templates

- Neues Theme "Universal Theme" (42)
- Deklarative Template Options
- #REGION_HEADER# und #REGION_FOOTER# Platzhalter für Region Templates
- "Always Render Grid" Option für Page Templates

Themes / Templates

- "File Prefix" Einstellung im Theme, definiert woher die Dateien gelesen werden
- Themes können nun auch Dateien enthalten
- Neuer Platzhalter #MIN_DIRECTORY# und #MIN# für CSS und JS Dateien (wird je nach Debug gesetzt).

Allerlei



APEX Variablen

APP_PAGE_ALIAS

Page Items

 Neue Option "Trim Spaces" für Textfelder und Text-Areas -> per Default aktiv für neue Felder. Bei Upgrade nicht aktiv!

Regions

- Neuer Display Point "Content Body"
- Display Points Body I-3 sind nun deprecated
- Template-Platzhalter #BOX_BODY# wurde in #BODY# umbenannt
- "Wizard Report" Region Type wurde entfernt und durch Classic Report ersetzt

Advisor

- Neue Checks:
 - Application attributes that can be locked down
 - Deprecated attribute values

Supporting Objects

- Erstellen/Aktualisieren von Install-Scripts auf Basis von bestehendem Datenmodell
- Beim Export kann angegeben werden, dass Supporting Objects bei Import automatisch installiert werden

Einstellungen

User Interface Attributes -> Static File
 Prefix

Translation

 Beim Export werden nun Text Messages und Dynamic Translations immer mitgenommen und beim Import auf alle Sprachen angewendet

Export / Import

- Neue Einstellung für "Supporting Objects", um diese automatisch beim Import zu installieren
- Text Messages und Dynamic Translations werden immer mitgenommen und beim Import auf alle Sprachen angewendet
- "Export with Original IDs" kann Original-Ids exportieren, wenn Kopie bzw. Re-Import exportiert wird

Export / Import

- Export "Files" ist verschwunden,
 Application Files sind nun automatisch Teil des Application Export
- Import via Command Line kann Supporting Objects installieren
- File-Format wurde verbessert, Code ist nun klarer lesbar und damit auch besser per DIFF vergleichbar

Sonstiges

- Bei Links auf/zu public Pages wird nun automatisch immer Session 0 (bzw. leer) verwendet
- Im SYS_CONTEXT werden nun automatisch APP_USER, APP_SESSION und WORKSPACE_ID initialisiert

API's



FOEX

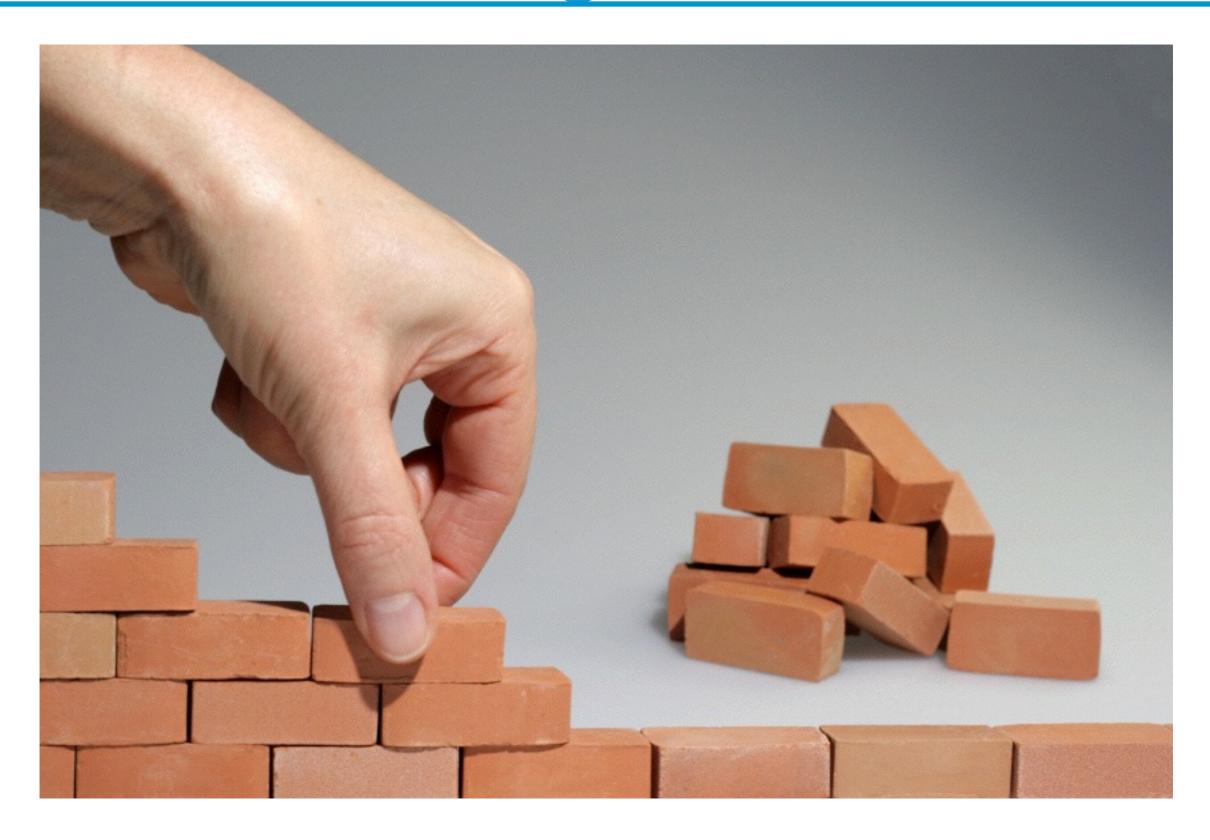
APEX_APPLICATION_INSTALL

 Neue Methode zum Aktivieren des Auto-Install für Supporting Objects set_auto_install_sup_obj(true);

Neue API's

- APEX ZIP
- APEX_JSON
- APEX_SPATIAL (seit 4.2.5)

Los gents!





Peter Raganitsch



peter.raganitsch@tryfoexnow.com
http://www.oracle-and-apex.com

