

# Collaboration in APEX

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OBUG APEX SIG - 2010

sumnēva

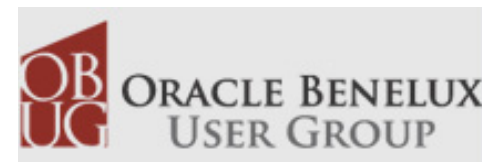
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Application Success

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# About Dimitri Gielis



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# Agenda

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- The Start of an APEX Project
  - From Selling over Project Management to Development
- Act as a Team - Collaborate
- APEX 4.0 features
  - Websheets
  - Team Development

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# The Start of an APEX Project

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# Selling APEX







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# APEX Sales

D E M O N S T R A T I O N

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# Websheets



# Introducing Websheets

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- Build basic applications faster and with more functionality
- Websheet Applications
  - Text Pages
  - Editable data grids
  - Interactive Reports
- Designed for Business Users
- Incorporates “sharing” model (ACL)
  - “Builder” integrated with “Runtime”
  - Integrated attachments, tags, notes...

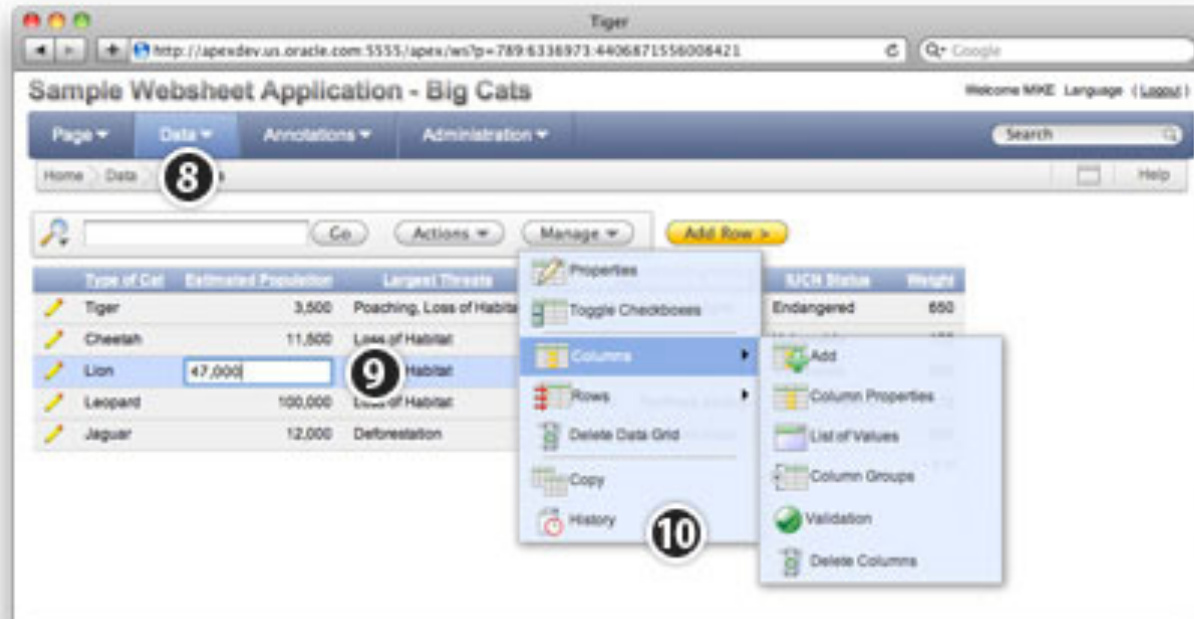


# Websheet Features



- 1 Websheet Controls**  
Ever present navigation
- 2 Search**  
Quickly find whatever you are looking for
- 3 Section Content**  
Text, links, images, charts, and reports integrated into one display
- 4 Pages**  
Page controls make adding content a snap
- 5 Navigation**  
View and access related pages
- 6 Annotations**  
Add files, tags or notes to any page
- 7 Data Visualization**  
All data is shown in real-time so the data being viewed is always current

# Websheet Features



**8 Data Grids**  
Database tables on the web

**9 Data Editing**  
Data grids support inline editing

**10 History**  
View data changes over time

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# APEX sold?



Customers



ORACLE® Application Express



Sales

# APEX sold?

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- The facts
  - Customer uses Oracle technology
  - Customer stores his data in the Oracle Database
  - Customer uses Oracle Application Express

# APEX sold?

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- The benefits for you
  - A good customer relationship, as you give value
  - Customer will reach “his limit” at one time
  - You might want to consider mentioning other features of the database or other Oracle products...  
... BUT not the first day!

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# Beyond Websheets

# Websheets is not enough

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- Websheets is limited
  - At one time you might need to go to a “real” APEX app
- An APEX application has many more features and is a lot more dynamic
  - Is not done by the End User but by Developers
  - Real database objects will be used

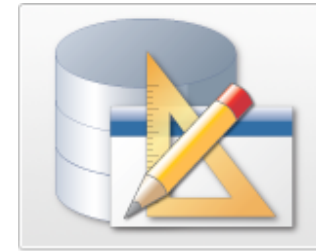
# APEX Applications vs Websheets

|                        | APEX Applications          | Websheets                             |
|------------------------|----------------------------|---------------------------------------|
| Database Objects       | Created using SQL Workshop | Automatically managed (APEX\$ tables) |
| Primary Key Management | Triggers and sequences     | Automatically managed                 |
| Validations            | Created using wizards      | Defined using runtime UI              |
| Report Layout          | Created using SQL          | Defined using runtime UI              |
| List of Values         | SQL or Static              | Defined using runtime UI              |
| Page Flow              | Controlled by branches     | Limited                               |
| Form Layout            | Items and regions          | Column groups                         |
| Look and Feel          | Themes and templates       | Basic control                         |

# Websheets Post APEX 4.0

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- Transform a Worksheet into an APEX application

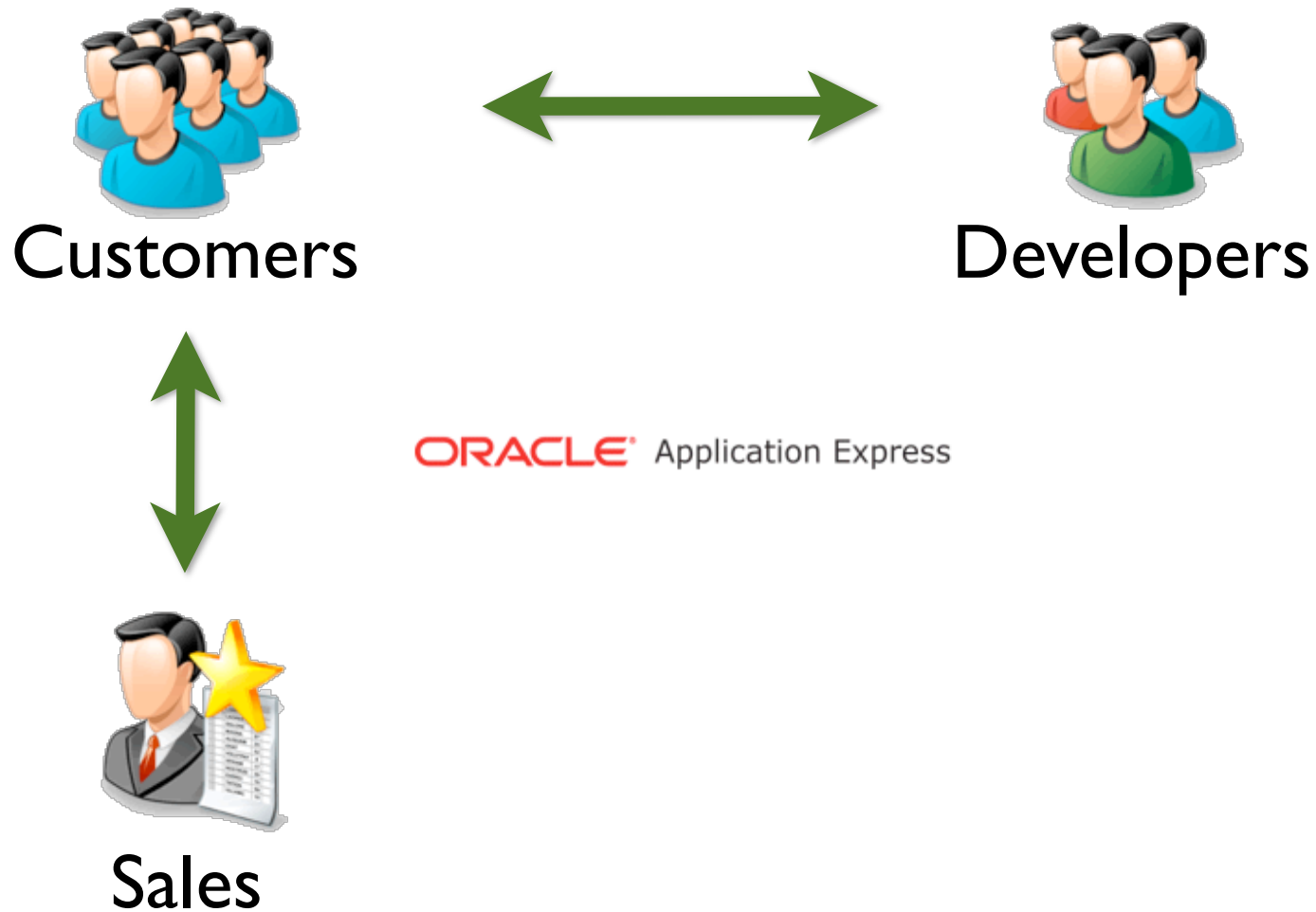


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# A real APEX Project

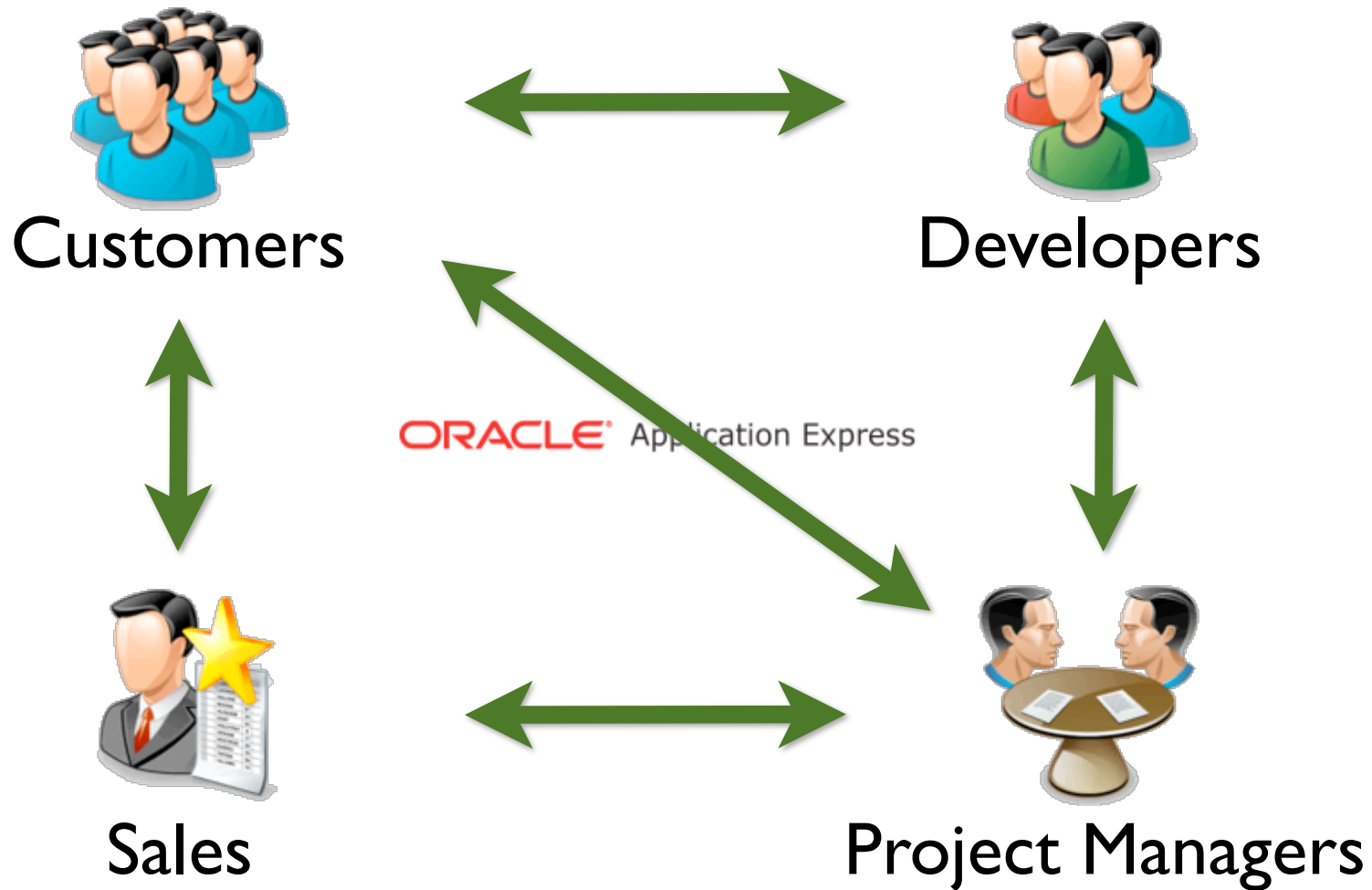
# Small Project

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# Big Project

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# Challenges with RAD

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- Project Manager
  - Manage the requirements
  - Split the work
  - Follow up on the progress
- Customer
  - Test the application
  - Give feedback

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# Team Development



# Team Development

- Facilitates the management of the application development process
- Can link directly to APEX Applications and Pages

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Welcome DIMITRI.GIELIS@APEX-EVANGELISTS.COM (Logout) Feedback

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Welcome to Oracle Application Express 4.0 Early Adopter (EA) hosted on Amazon EC2. Please review the [APEX 4.0 New Feature Descriptions](#). Please use the Feedback link in the top right hand corner of each page to provide comments. \*\*\* NEW \*\*\* [Go here to review Early Adopter Feedback](#).

Workspace

  
Features

  
Milestones

  
To Do

  
Bugs

  
Feedback

News | [+](#) [i](#)

Assignee [- All -](#) Release [- Show All Releases -](#) Application [- All Applications -](#) [Set](#) [Reset](#)

Features [+](#)

Milestones [+](#)

About

Team development facilitates the management of the application development process. You can track features, to do's, milestones, and bugs. End user feedback can be captured and converted to features, to do's, and bugs.

[Learn more...](#)

Team Actions

- Manage Links
- Manage News
- Manage Preferences
- Release Summary
- Utilities

# Team Development - Built-In Feedback

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- Integrated into APEX Applications
- Automatically saves session state
- Feedback managed in Team Development
- Easily transformed into Features, To-Dos or Bugs

The screenshot shows a web form titled "Feedback". At the top, there are two buttons: "Cancel" and "Submit Feedback". Below these buttons, the text "Application: 20441. DGTournament" and "Page: 1. DG Tournament" is displayed. The main part of the form is a large text area labeled "Feedback". Below the text area, there is a "Feedback Type" dropdown menu currently set to "General comment". At the bottom right of the form, there is a yellow "Edit" button.

# Team Development

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- Great for New Application
- But also for upgrades/migration projects!

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# Team Development

D E M O N S T R A T I O N

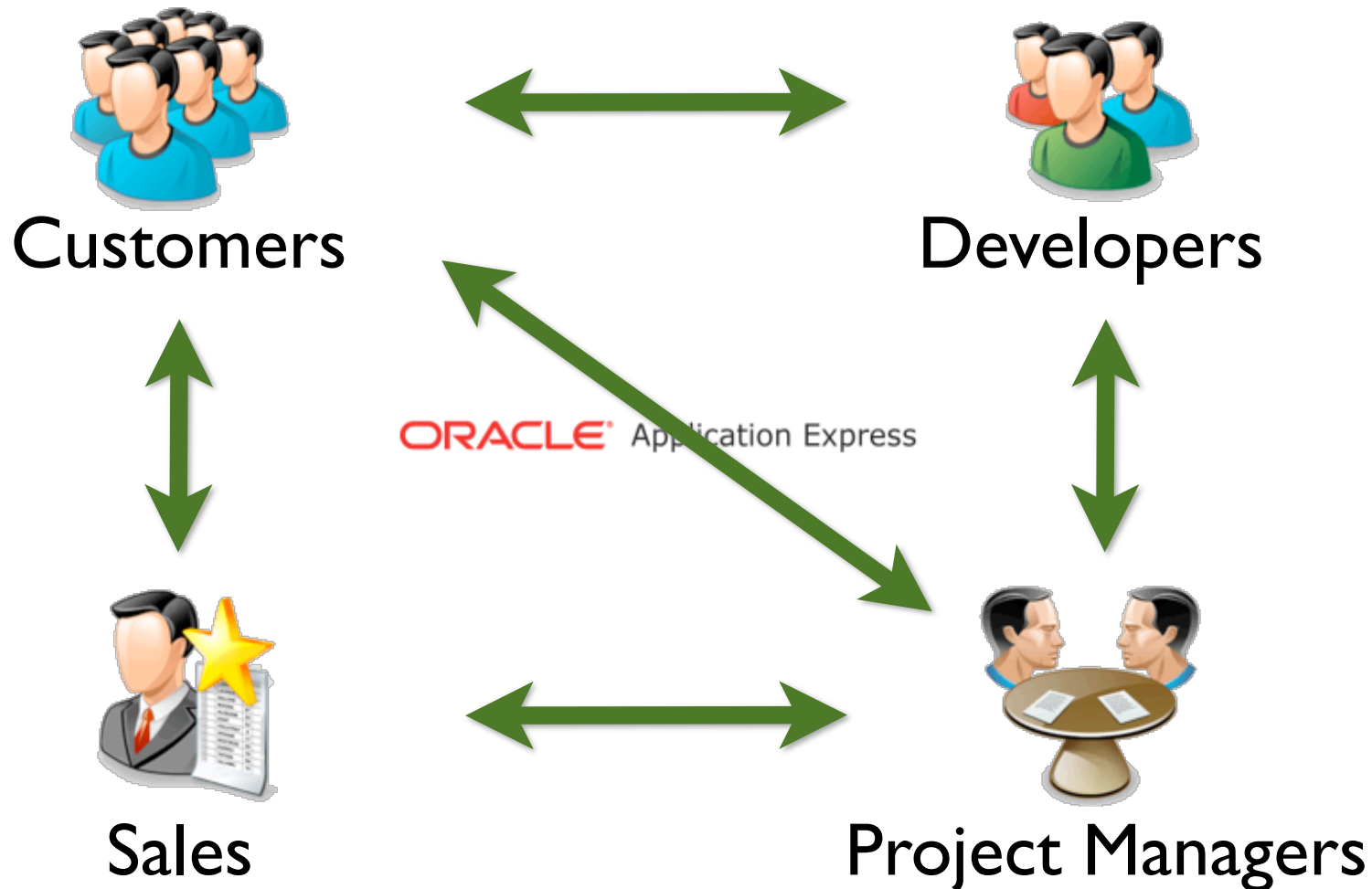
# Team Development Post APEX 4.0

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- Integrate with Bug Tracking software (FogBugz, Jira, ...)
- Integrate with Version Control (Subversion, ...)

# Work Together and APEX = Success

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# Summary

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- The Start of an APEX Project
  - From Selling over Project Management to Development
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- APEX 4.0 features
  - Websheets
  - Team Development

# sumnēva

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## Application Success

<http://sumneva.com>

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