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# Virtual Developer Day: Oracle Fusion Development

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**Oracle ADF development: Productivity to the Max**

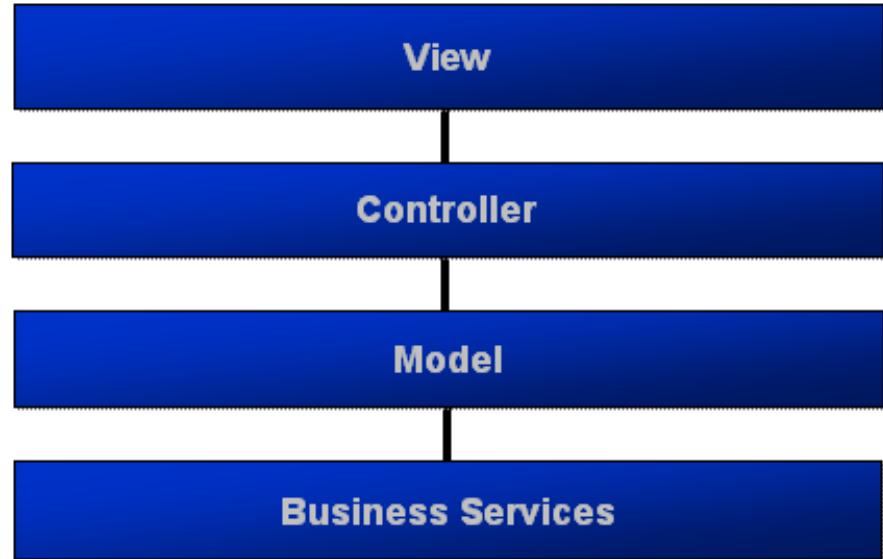
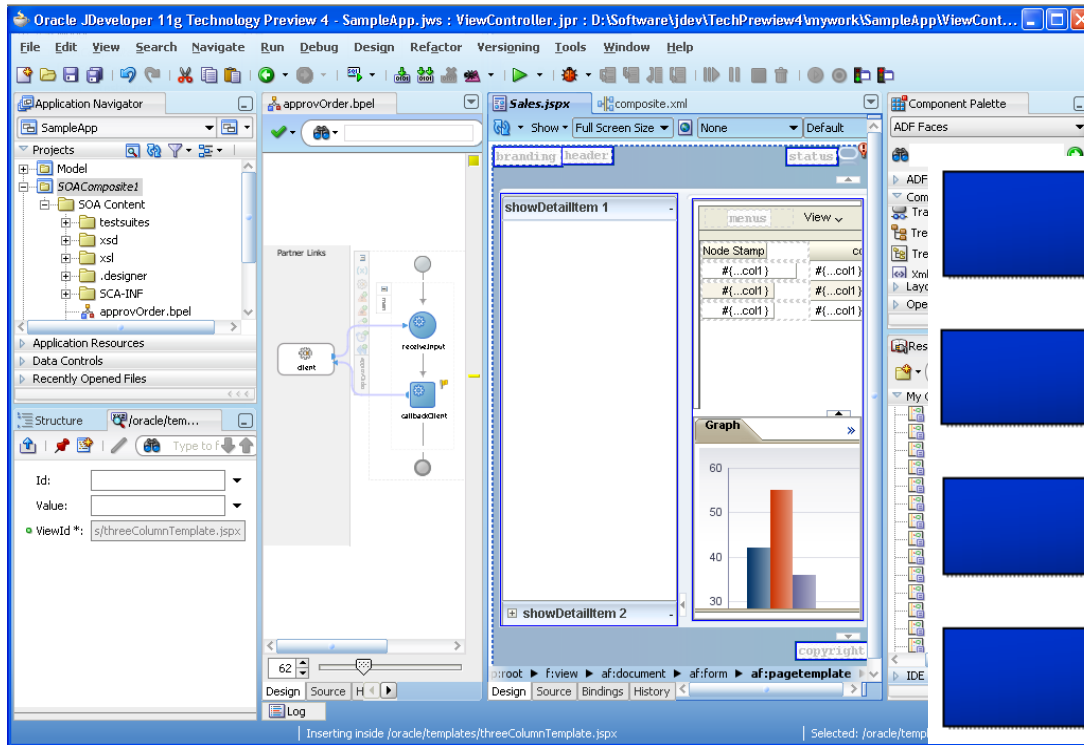
# Safe Harbor Statement

The following is intended to outline our general product direction. It is intended for information purposes only, and may not be incorporated into any contract. It is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions. The development, release, and timing of any features or functionality described for Oracle's products remains at the sole discretion of Oracle.

# Agenda For This Session

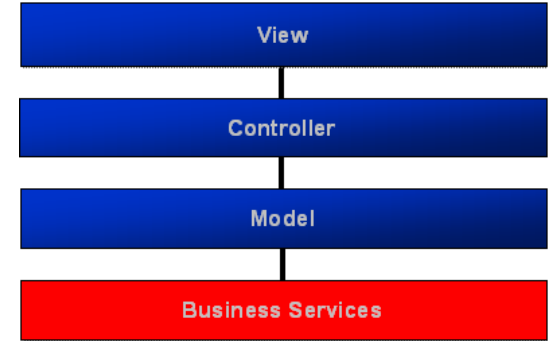
- Introducing JDeveloper and Oracle ADF
- Building a business service layer
- Building application flow
- Building application pages

# So, Why JDeveloper and Oracle ADF?



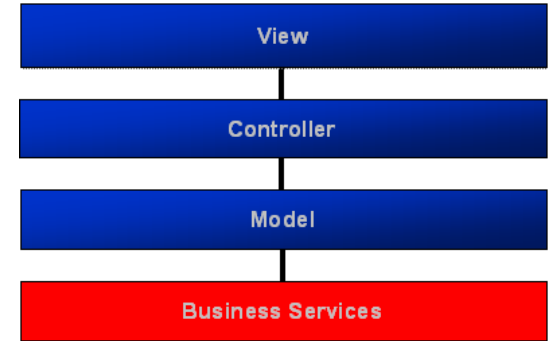
# Building a Business Service Layer

- Bridge the object/relational gap
- Implement CRUD operations
- Filter/shape data for application purpose
- Data validation
- Calculated attributes and list of values
- Business logic



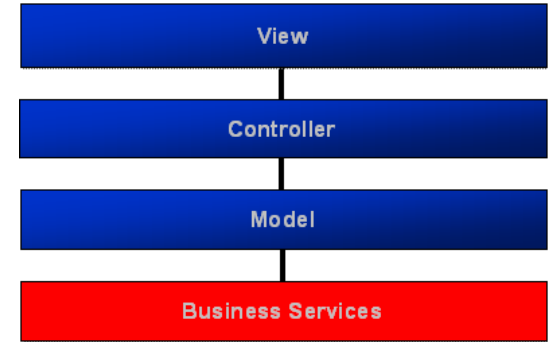
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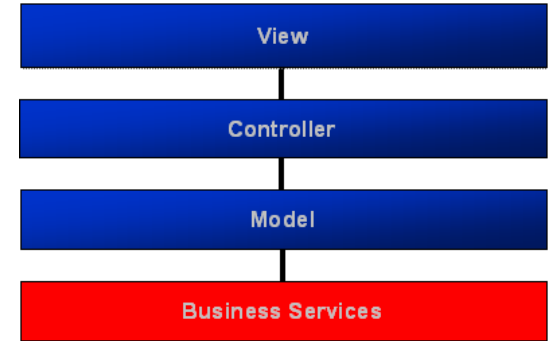
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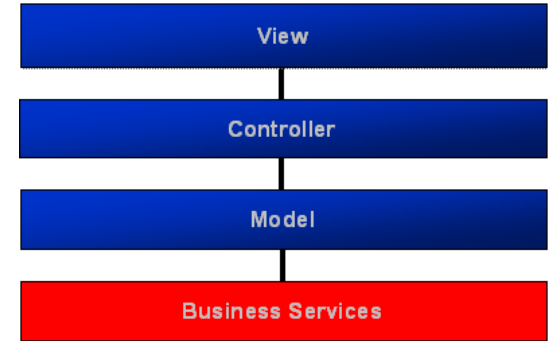
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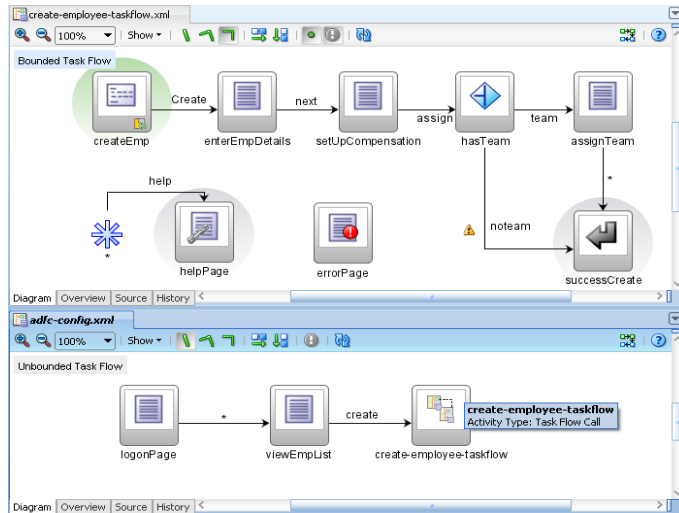
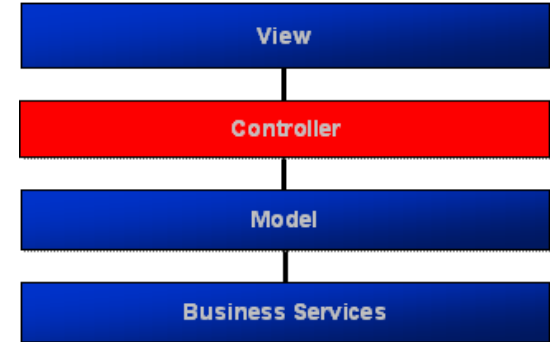
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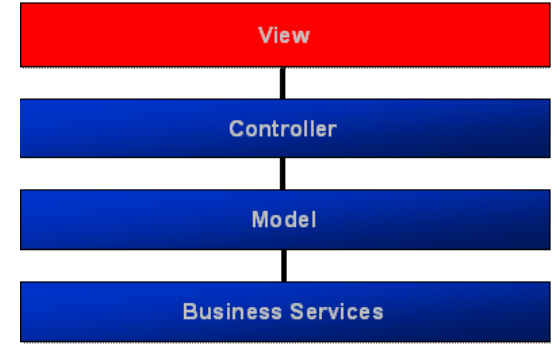
# Building Application Flow

- Define application flow of pages/actions
- “Shrink wrapped” pieces of application flow
- Implement as pages or fragments



# Building Application Pages

- ADF Faces Rich Client – 150 UI components
- Page template mechanism
- Application skinning
- Partial page rendering technology



A collection of screenshots demonstrating various ADF Faces UI components and widgets:

- Progress Bar:** A horizontal bar showing a progress from 0% to 100%.
- File Menu:** A standard file menu with options like 'Open Web Location...', 'Open File...', 'Close', 'Save', and 'Quit'.
- Slider:** A vertical slider control with a range from -1000.0 to 1000.0.
- Partial Update Tests:** A control panel for testing partial updates, including 'Rendered Tests' and 'Visibility Tests'.
- Calendar:** A calendar widget showing the month of May 2007.
- Table:** A data table with columns for Employee Name, Job, Hire Date, and Salary.
- Customer Base Pie Chart:** A 3D pie chart showing the distribution of a customer base across different countries. The data is as follows:
 

Country	Percentage
THAILAND	57.37%
GERMANY	16.67%
CHINA	13.78%
INDIA	9.25%
AMERICA	9.25%
SWITZERLAND	6.410%
JAPAN	3.225%
- Form Widgets:** A 'File' menu, an 'Available Values' list (orange juice, beer, coffee, tea, fizz), and a 'Selected Values' list (lemonade, milk).

# Summary

- Technology chosen for Oracle's future business applications
- Abstracts the complexity of underlying technology
- Visual/declarative development
- Takes care of the “plumbing”
- Metadata driven
- Maybe simpler than you thought?
- Google “ADF Collateral Tour”

# Thank you and enjoy the rest of the sessions

For more information on Oracle ADF please visit  
[www.oracle.com/technology](http://www.oracle.com/technology)

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