



# Cognos Impromptu

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# Cognos Impromptu

- Object oriented architecture
- Users access Impromptu through GUI
- Querying and reporting unified – so users get data quickly and easily
- Database reporting tool – offers complete control over all reporting
- Supports scalability
- User friendly interface look



# Impromptu Information Catalog

- Reporting begins with Information Catalog
- A LAN-based repository of business knowledge and data-access rules
- Protects user from technical aspects of database as SQL syntax, table joins and repeated queries & unnecessary processing
- Creating impromptu catalog is simple



# Object-oriented Architecture

- Inheritance-based administration and distributed catalog
- I.e changes to business rules, permission sets, query activities cascade automatically throughout the enterprise -> refers changes are global
- Governors allow admin to control enterprise reporting environment

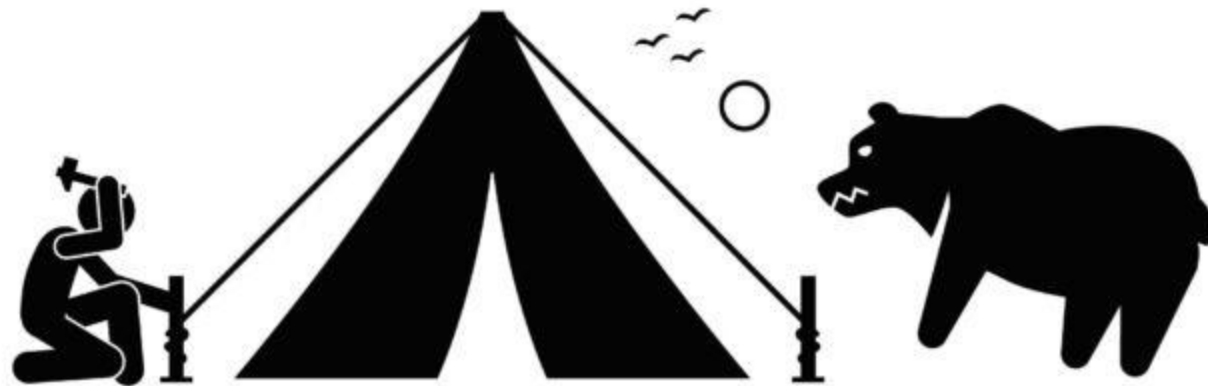


# Activities and process – controlled by governors

- Query activity
- Processing location
- Database connections
- Reporting permissions
- User profiles
- Client/server balancing
- Database transactions
- Security by value
- Field and table security

# Question

#3





- I left my campsite and hiked south for 3 miles. Then I turned east and hiked for 3 miles. I then turned north and hiked for 3 miles, at which time I came upon a bear inside my tent eating my food! What color was the bear?



- *Answer:*
- *White. The only place you can hike 3 miles south, then east for 3 miles, then north for 3 miles and end up back at your starting point is the North Pole. Polar bears are the only bears that live at the North Pole, and they are white.*





# Reporting

- To produce reports -> reportwise templates and headstarts are used
- Apply data to produce report



# Impromptu's - Reportwise templates - Headstarts

- Impromptu's predefined reportwise templates
- Templates for mailing labels
  - Invoices
  - Sales reports
  - Directories
- These templates are complete with formatting, logic, calculations
- Organizations can create templates for standard company reports and then deploy to every user who needs them
- Templates are database-independent
- Variety of page and screen formats - Headstarts



# Special reporting options - Picklists and prompts

- User create reports by selecting from list of values
  - Eg: select a picklist of all sales representatives with a single click of mouse
- Too many values for single variable -> prompts
- Supply values at run time



## Special reporting options - Custom templates

- Standard templates with global calculations and business rules created once and distributed



# Special reporting options – Exception reporting

- Conditional filters
- Conditional highlighting
- Conditional display



# Special reporting options -Interactive reporting



- Users perform querying and reporting by Interacting with live data



# Special reporting options - Frames

- Building blocks used to produce reports that are formatted with fonts, borders, colors, shading
- Frames know about contents and how to display them
- Designing multiframe report saved as template and rerun at any time with other data
  - List frames
  - Form frames
  - Chart frames
  - Text frames
  - Picture frames



# Impromptu Request Server

- User request the server to execute query
- Server execute the request and generate the sreport





# Assessment

Conditional formatting highlight target percentage

Score	Rating	Formula
90%	Good	=B5>=90%
80%	OK	=B5>=80%
<80%	Poor	=B5<80%

Score

60%
70%
78%
80%
85%
89%
95%
98%

Key:

Score	Rating	Formula
90%	Good	=B5>=90%
80%	OK	=B5>=80%
<80%	Poor	=B5<80%



# Assessment

amazon Prime

All travelers vest

Departments

Browsing History Roadturn's Amazon.com Today's Deals Gift Cards & Registry Sell Help

EN

1-16 results for "travelers vest"

Show results for

Men's Fashion >

- Men's Activewear
- Men's Military Outerwear
- Men's Work Utility & Safety Apparel
- Men's Outerwear Jackets & Coats

Sports & Fitness >

- Hunting Clothing
- Fishing Jackets & Vests

Women's Fashion >

- Women's Activewear
- Women's Coats, Jackets & Vests

Outdoor Recreation >

- Women's Hiking Clothing

Girls' Fashion >

Boys' Fashion >

+ See All 16 Departments

Refine by


Amazon Prime

Prime

Brand

- H2H
- Beat The World
- Rothco
- White Sierra

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**Men's 9 Pockets Work Utility Vest Military Photo Safari Travel Vest**  
by Beat The World

\$16<sup>90</sup> - \$24<sup>90</sup> Prime  
Some sizes/colors are Prime eligible

★★★★☆ 211

**Product Features**  
the zipper was on the left side but not for women's vest. It is for men's vest.

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**White Sierra Women's Traveler Vest**  
by White Sierra

\$39<sup>66</sup> - \$60<sup>00</sup> Prime  
Some sizes/colors are Prime eligible

★★★★☆ 54

**Product Description**  
... White Sierra's traveler Vest offers four front pockets for your travel ...

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**Rothco Undercover Travel Vest**  
by Rothco

\$41<sup>99</sup> - \$83<sup>74</sup> Prime  
Some sizes/colors are Prime eligible

★★★★☆ 151

**Product Description**  
... Travel Vest was designed for the tactical traveler. Twelve ...



# Assessment

	A	B	L	M
1	Supplier IDs	ID	Discontinued	Availability
2	4	1	FALSE	✓
3	10	3	FALSE	✓
4	10	4	FALSE	✓
5	10	5	FALSE	✓
6	2;6	6	FALSE	✓
7	2	7	TRUE	✗
8	8	8	FALSE	✓
9	2;6	14	FALSE	✓
10	6	17	FALSE	✓
11	1	19	FALSE	✓
12	2;6	20	FALSE	✓
13	1	21	FALSE	✓
14	4	34	FALSE	✓