


 Innovate, Interact, Educate and Maximise
 the Use of Your Oracle Software

Please Your BI Users and Query Your Cubes with Excel!


Gabriel Ilarda
 Aurora Consulting Pty Ltd
 gabriel.ilarda@aurora-consult.com.au



 aurora consulting
 www.aurora-consult.com.au

Agenda

- What your BI users want
- Simba MDX Provider for Oracle Olap
- What's AWESOME about Excel
- Demo
- Conclusion / Q&A



This is one way to eat






But there is always a more intuitive way!






What your BI Users Want

- A SQL Server experience
- Ease of access to Cubes
- Minimum training
- Excel, Excel, Excel!



What is OLAP?

- Online Analytical Processing
- Finance managers of large organizations don't ask, 'How much have we spent?' - a zero-dimensional question. Instead, they ask, 'How much have we spent on health benefits, by month, in division X, in each state, compared with plan?' - a five-dimensional question.
- Measure. A data variable.
- Dimension. A method of classifying a measure.



Drilling Up ...

	Jan-02	Feb-02	Mar-02
Sydney	33,298	30,243	31,213
Perth	18,921	21,943	23,181
Adelaide	15,216	12,134	10,341

⇓ Drill up to quarters

	Q1 2002	Q2 2002
Sydney	94,754	80,223
Perth	64,045	35,912
Adelaide	37,691	35,371



Drilling Down ...

	Q1 2002	Q2 2002
Sydney	94,754	80,223
Perth	64,045	35,912
Adelaide	37,691	35,371

⇓ Drill down to Perth Suburbs

	Q1 2002	Q2 2002
Morley	24,704	20,244
Como	19,040	15,060
Manning	20,301	608



Drilling Through ...

	Q1 2002	Q2 2002
Morley	24,704	20,244
Como	19,040	15,060
Manning	20,301	608

⇓ Drill through to Q2 2002, Manning

Date	Sales
1 Apr 2002	\$194
2 Apr 2002	\$202
3 Apr 2002	\$212
4 Apr 2002	\$ 0
5 Apr 2002	\$ 0
...	
Total	\$608



Simba MDX Provider for Oracle OLAP

- Connects to 11gR1, 11gR2 OLAP cubes
- To create OLAP cubes use:
 - AWM 11.1, 11.2
 - OWB 11.2
 - Not OWB 11.1 (it creates cubes in 10g OLAP format)
- Simple install:
 - Run setup (takes 1 minute)
 - Setup an ODBC
 - Create data connection in Excel
 - Away you go!



Simba MDX Provider for Oracle OLAP – Administration Customize

- Little more complex
- Set default measure for each cube.
- Measure cell format (e.g. Currency).
- Measure cell font color (e.g. numbers in red, or perhaps just negative numbers in red).
- Measure cell background color (e.g. yellow).
- Measure cell font style (e.g. bold, italics).
- Conditional Formatting



What's AWESOME about Excel

- Everyone uses it
- Simple filtering
- Pivot Table
- Drag and drop functionality
- Chart it up and use other awesome Excel features
- Exportable to all your other MS Office products
- And probably lots more.

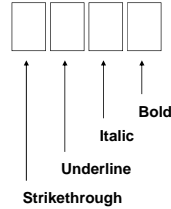


Demo

- Let's check it out!



Font_Flag Masking



Hence 0 0 1 1 (decimal 3)
means Bold and Italic



Useful links

- Simba MDX Provider for Oracle OLAP 3rd party software (\$150US/seat):
 - <http://www.simba.com/MDX-Provider-for-Oracle-OLAP.htm>
- OLAP tutorial/sample schema:
 - <http://www.oracle.com/technetwork/database/options/olap.index.html>



Q&A



A copy of this paper, including all examples, will be available at www.aurora-consult.com.au.



Thank You



Aurora Consulting

www.aurora-consult.com.au