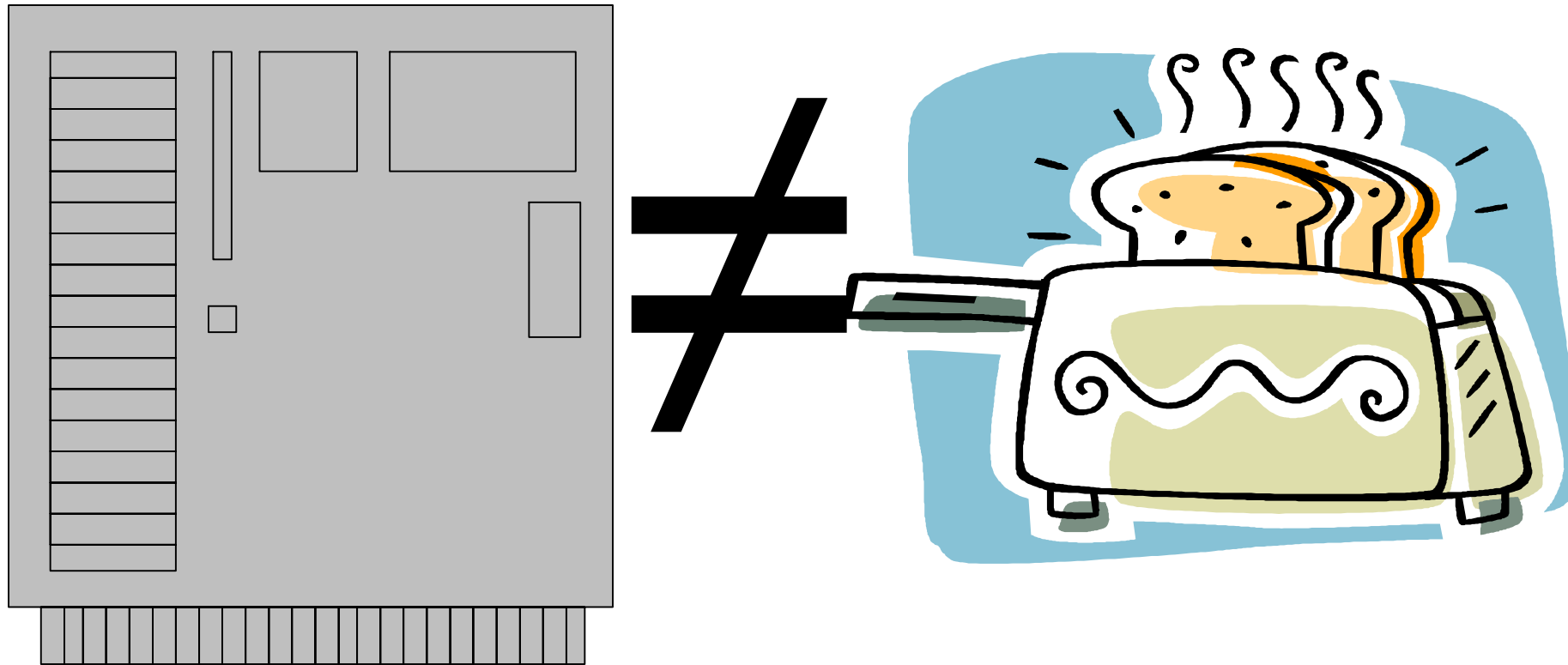


Databases are Not Toasters



A Framework for Comparing Data Warehouse Appliances

Omer Trajman (Vertica)

Alain Crolotte (Teradata), David Steinhoff (ParAccel), Raghunath Nambiar (Hewlett-Packard), Meikel Poess (Oracle);

Growth of Business Intelligence

BI has been the top priority of CIOs for past three years

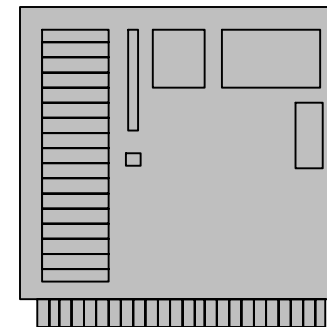
BI platforms are growing at 8%+ for the next 4 years

Gartner report "Forecast: Business Intelligence Platforms, Worldwide, 2007-2012."

Fundamentals of Business Intelligence

More Data

Faster Answers





Define: Appliance

“a data appliance consists of an integrated set of servers, storage, operating system(s), DBMS and software specifically pre-installed and pre-optimized for data warehousing.”

-Wikipedia



Fourteen Leading Appliances



What are Vendors Promoting?

Efficiency and Energy Efficiency

Pre-installed

Large **Volumes/Capacity** of Data

Pre-configured / Fast

Expandable in modular units

deployment

Single SKU

Massively **Parallel**

Single Vendor/Single Support

Packaged database + application

Specialized hardware

Packaged database plus

Specialized software

hardware

Special purpose or purpose built

Bundled Solution vs. Appliance

Self managing or self tuning

What are two Key Properties?

Scalability of data and nodes

Simplicity of setup

What aren't vendors promoting?

Raw Speed of queries

Price/Performance

Existing Benchmarks Exist for...

Raw Speed of queries

Price/Performance

What is an Appliance Benchmark?

Scalability of data and nodes

Simplicity of setup

Databases are Not Toasters

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