



**DELAWARE VALLEY PROGRESS USERS GROUP**  
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# PROGRESS EXCHANGE 2005

## Update & Discussion

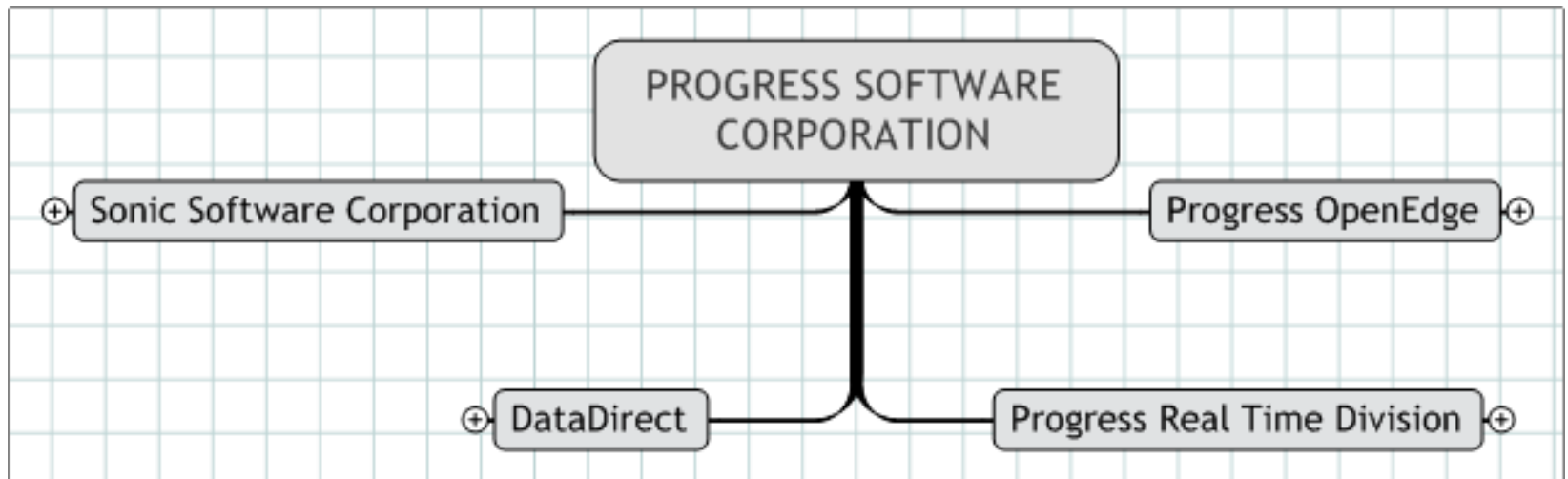


# Overview

- New Structure
- New Blood
- Quotes & News

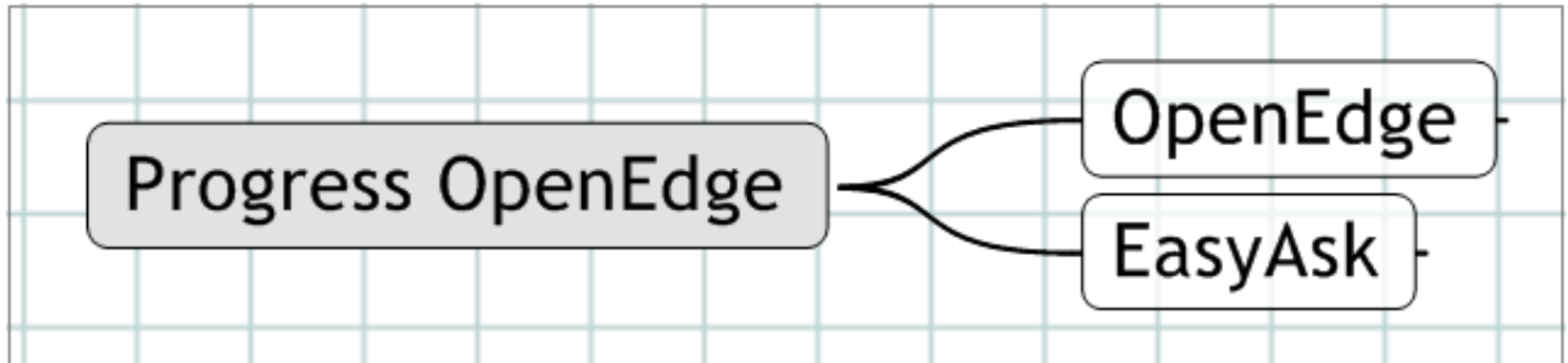


# PROGRESS SOFTWARE A New Structure



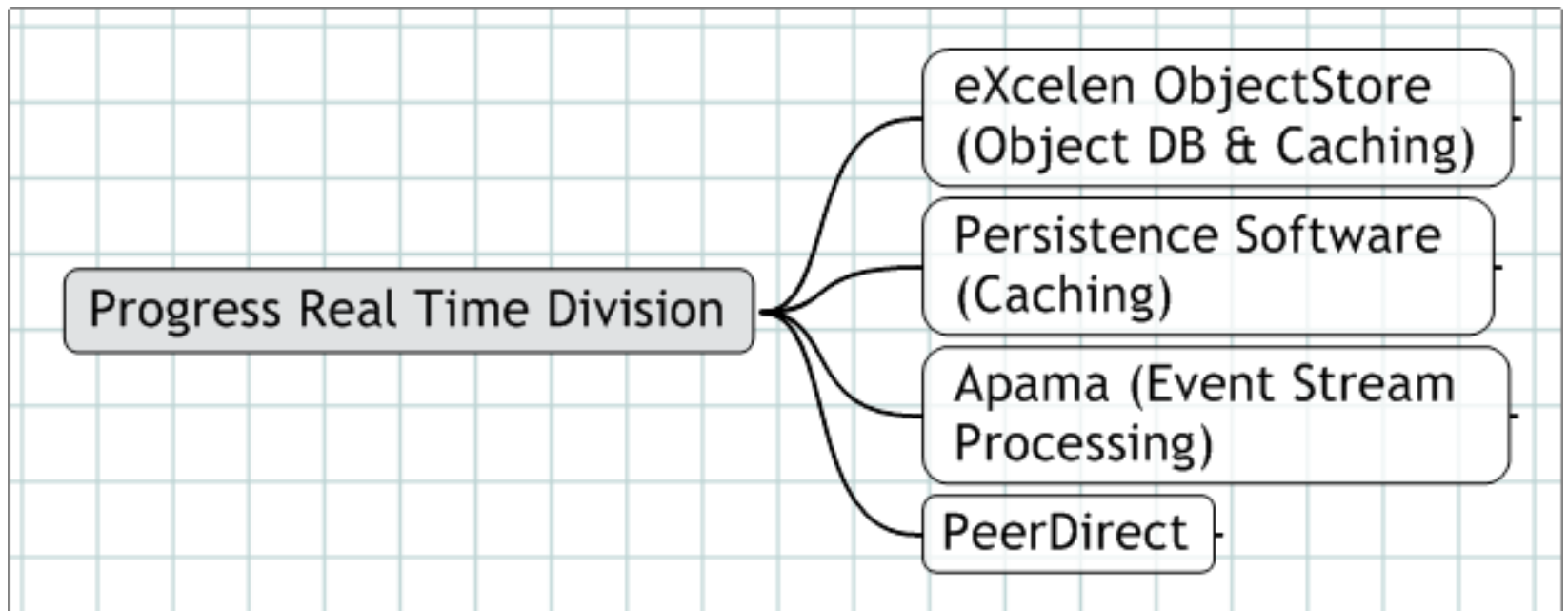


# Progress OpenEdge



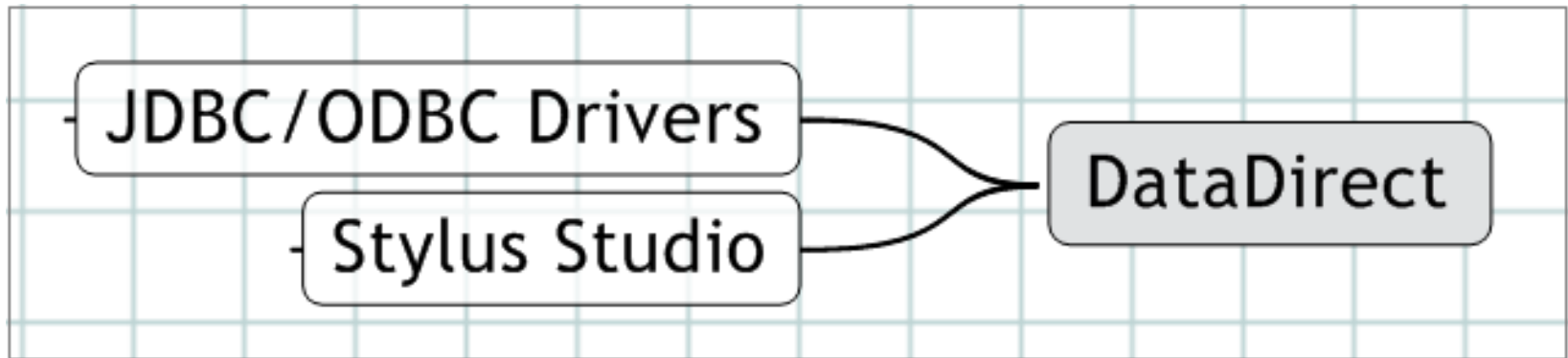


# Progress Real Time Division





# DataDirect





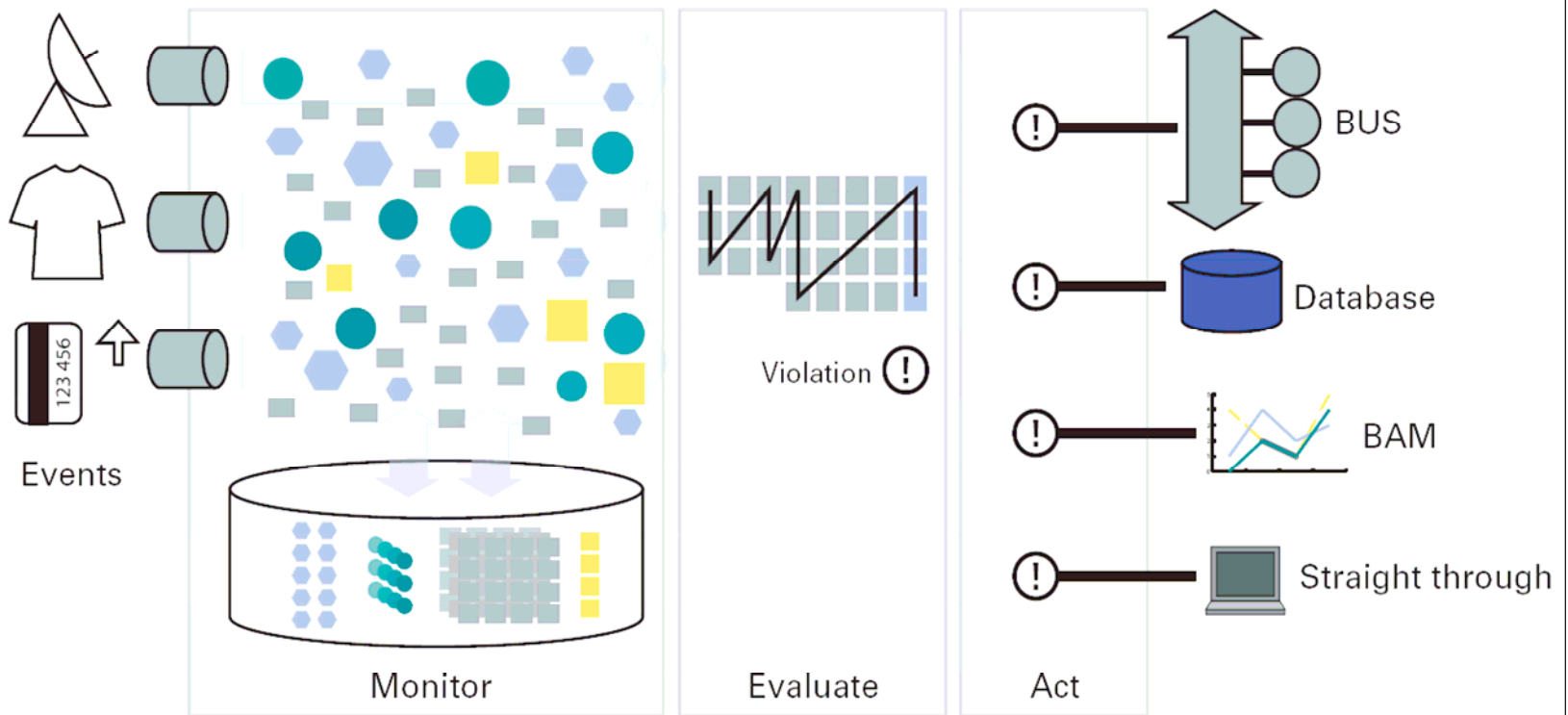
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# Sonic Software Corporation





# Progress Real Time's Apama



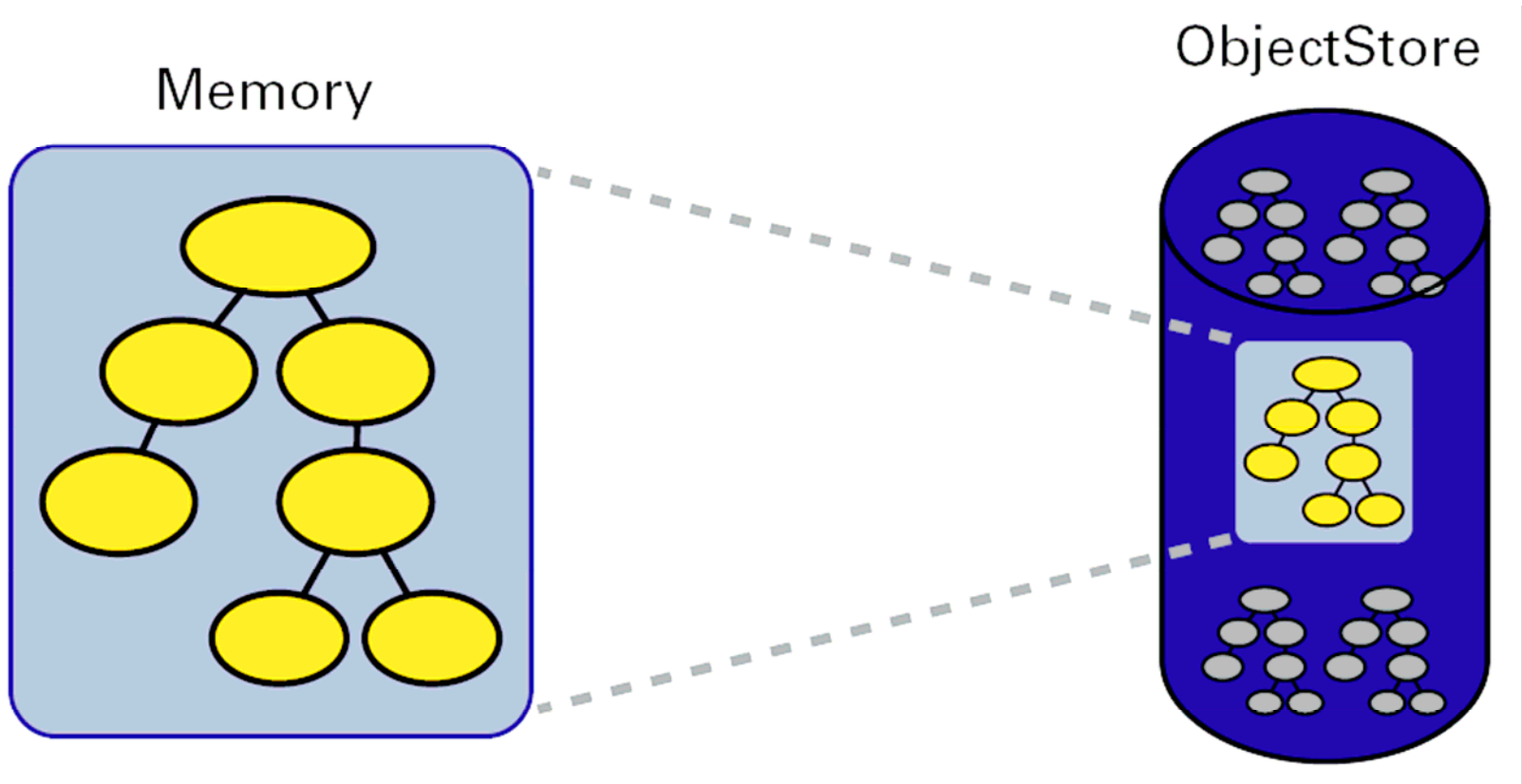


# Apama

- Event **Stream** Processing **vs** Event **Based** Processing
  - Can it be adapted?
  - Are fundamental assumptions too different?



# ObjectStore Database





# Stylus Studio: XML Mapper

The screenshot displays the Stylus Studio XML Mapper interface. The top window shows a mapping diagram with source nodes (soap:Envelope, soap:Body, GetQuotesResponse, GetQuotesResult, Quote, CompanyName, StockTicker, StockQuote, LastUpdated, Change, OpenPrice) and target nodes (StockQuotes, Company, Name, Ticker, AnnualRevenues, Quote). A context menu is open over the mapping diagram, showing XSLT Instructions such as value-of, for-each, if, choose, apply-template, and call-template. The bottom window shows the XSLT code:

```
<?xml version='1.0' ?>  
<xsl:stylesheet xmlns:a="http://swanandmokashi.com" xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" ve  
<xsl:template match="/">  
  <StockQuotes>  
    <xsl:for-each select="soap:Envelope/soap:Body/a:GetQuotesRe  
      <Company>  
        <Name>  
          <xsl:value-of select="a:CompanyName"/>  
        </Name>  
        <Ticker>  
          <xsl:value-of select="a:StockTicker"/>  
        </Ticker>  
      <Quote>
```

The Preview window shows the resulting XML structure:

Tag	Value
StockQuotes	
xmlns:a	http://swanandmokashi.c
xmlns:soap	http://schemas.xmlsoap.o
Company	
Name	
Ticker	

Processing complete (0 ms)  
For Help, press F1



# Stylus Studio: XML Convert

The screenshot shows the Stylus Studio XML Professional Edition interface. The main window displays an EDI file being converted to XML. A context menu is open over the file, listing various conversion options. A preview window is also visible, showing the resulting XML structure.

**ConvertToXML Menu Options:**

- Preview Result
- Open Input File
- Reload Input File
- Toggle Navigational Properties
- Highlight Matching Rows
- Toggle Control Characters
- Toggle Ruler
- Align Fields
- Toggle Horizontal Grid Lines
- Toggle Vertical Grid Lines
- Convert to Line-oriented Region
- Convert to Fixed-width Region
- Begin Field in This Column
- Start New Line-oriented Region Here
- Start New Fixed-width Region Here
- Join with Previous Region
- Join with Next Region

**Preview Window XML Structure:**

```

  <?xml version="1.0" encoding="UTF-8" xmlns="http://www.w3.org/2001/XMLSchema-instance" xmlns:edi="http://www.w3.org/2001/XMLSchema-instance#edi" />
  <segment code="UNA:" />
  <element />
  <segment code="UNB:" />
  <composite />
    <element UNOC />
    <element />
  </composite>
  </segment>
  
```

**Properties Window:**

Property	Value
Input File	file:///c:/temp/bikes/vedite...
Input Encoding	UTF-8
Physical Size	4995 bytes
Characters Loaded	4995
Cursor Position in File	439
Character Unicode ...	39 (0x27)
Root Element Name	w3edi
Namespace Prefix	
Namespace	http://www.w3.org/ns/...
XML Output URL	
Indent XML?	True
Region Type	Line-Oriented
Number	1
Region Element Name	
Row Element Name	segment
Element Name Source	WS-EDI Standard
Match Pattern	
Cursor Position in R...	439
Size	4995 characters
Portion of File	1 to 4995
Row Count	223
Row Number	20
Cursor Position	6
Current Row Length	6
Longest Row Length	99
Line Terminator	
Field Separator	'
Delimiter Pairs	
Comment String	'?
Escape Characters	'?
Toss Characters	
Field Component Se...	
Collapse Consecuti...	True
Double Delimiter to ...	True
Field Element Name	element
Component Element...	composite
Source Data Type	String
Normalize White S...	False
Left Padding	TAB:'
Right Padding	TAB:'
Omit	Only When Empty
XML Output Form	element



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# EasyAsk

- 2005 CODiE Finalist
- 2004 Computerworld Innovative Technology Award
- In Gartner "Visionary" quadrant

# EasyAsk



# Betateesting EasyAsk

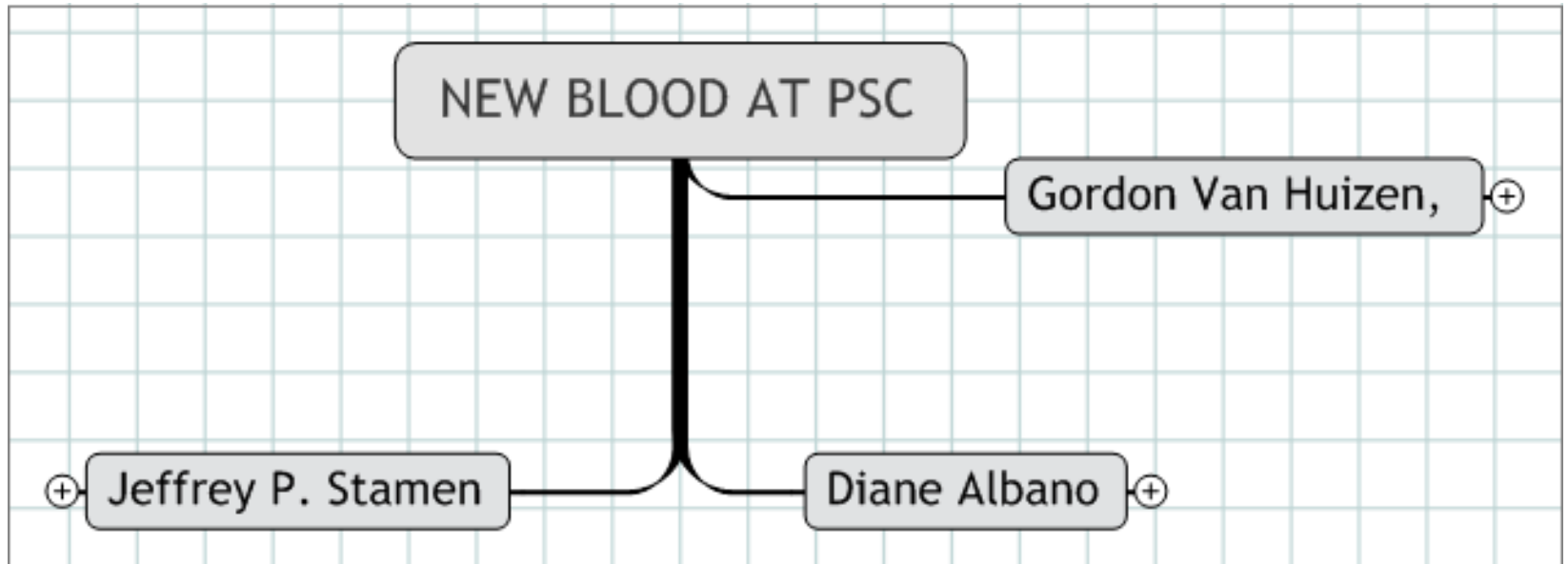
If the 80/20 rule is a universal law,  
what rule applies the 20% of the  
time the 80/20 rule doesn't apply?

Or (seriously)

How many women from Colorado  
have purchased wool hats and ski  
boots last winter?

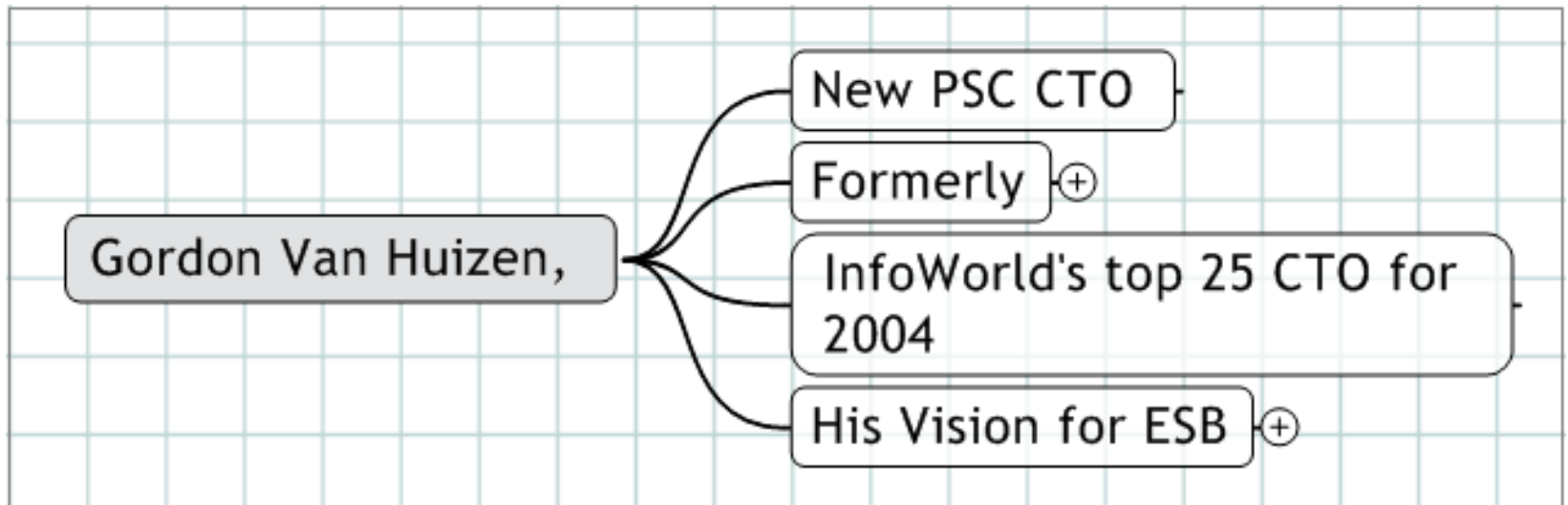


# NEW BLOOD AT PSC





# Gordon Van Huizen





# Formerly

- CTO of Sonic
- BEA Director of Engineering for WebLogic



# His Vision for ESB

- "An ESB is a coherent, service-oriented layer that sits between message-oriented middleware and the application, so you're no longer building applications that are messaging-aware, but simply event-driven."
- "Similarly, Web services installations will require a scalable software infrastructure that offers directory services, SOAP routing, service management and pluggable security across the enterprise. Enterprises that fail to plan for this will not be able to fulfill the promise of Web services as its adoption grows."



# Diane Albano





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# New VP of North America Operations

- responsible for defining and executing the sales and services delivery strategy for North America



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# Formerly

- VP Global Account Sales, Thomson NETG
- Pres. Worldwide Sales, Aspen Technology
- VP of Sales & Marketing for Genuity



## Vision for the Role

- "my role will be to offer our partners and customers customized processes so they can do business the way they want to."

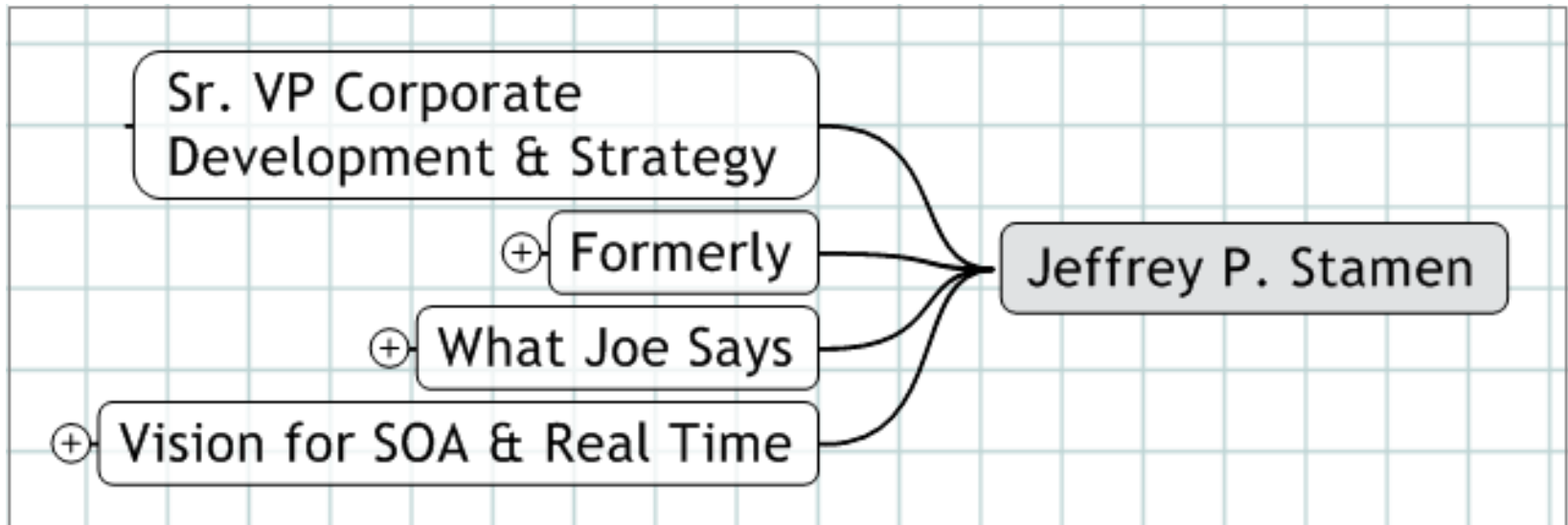


## What Justin Says

- Justin Wright (VP of US Field Operations) "She will be a valuable asset as we continue to grow our business with ever-increasing responsiveness to our Application Partners and customers."



# Jeffrey P. Stamen





## Formerly

- Headed development of Mitrol MIMS 4GL
- A DLC board member in the 80's
- CEO of Syncra Systems, which was sold to Retek/Oracle



## What Joe Says

- CEO Joseph Alsop. "We are fortunate to have his energy, talent and experience as the company continues this phase of rapid growth and expansion into new technologies and emerging markets."



# Vision for SOA & Real Time

- "In the last year, PSC has acquired Persistence Software, Apama and EasyAsk," said Stamen. "All three align with our overall mission to deliver cutting-edge application infrastructure technology to support SOA and the real time enterprise. There is a lot of talent and a wealth of technology at Progress Software, and it's an exciting time to help the company grow and realize its tremendous potential."



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# Exchange 2005

## Quotes & News



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# Expanding Customer Base

“40 percent of Progress Exchange  
2005 are first time attendees”  
-Joe Alsop



## Ken Wilner Quote

“SOA and Webservices are not the same.”



# Dave Chappell on ESB

Most adopters of ESB technology are also heavy users of application server technology. These customers use the combination of their application server and ESB as best-of-breed components in their integrated environment - the app server for hosting business logic and serving up Web pages in a portal server environment, and the ESB for integrating the app server with a variety of back-end applications and data sources across their extended enterprise.

And

The mantra of the ESB is "configuration rather than coding."



# Gordon Van Huizen on SODA

- Picking a fight? with Gartner over SODA (Service Oriented Development of Applications)
  - Article: “Don't Let SODA Ruin Your SOA ”
  - Gartner predicts SODA will become the best practice for Web development by 2009



# ProDataSet

When asked about ProDataSet transactional semantics and locking options, a key unnamed PSC person said "They're not intended for that purpose. It's limited to stateless & optimistic (locking)."



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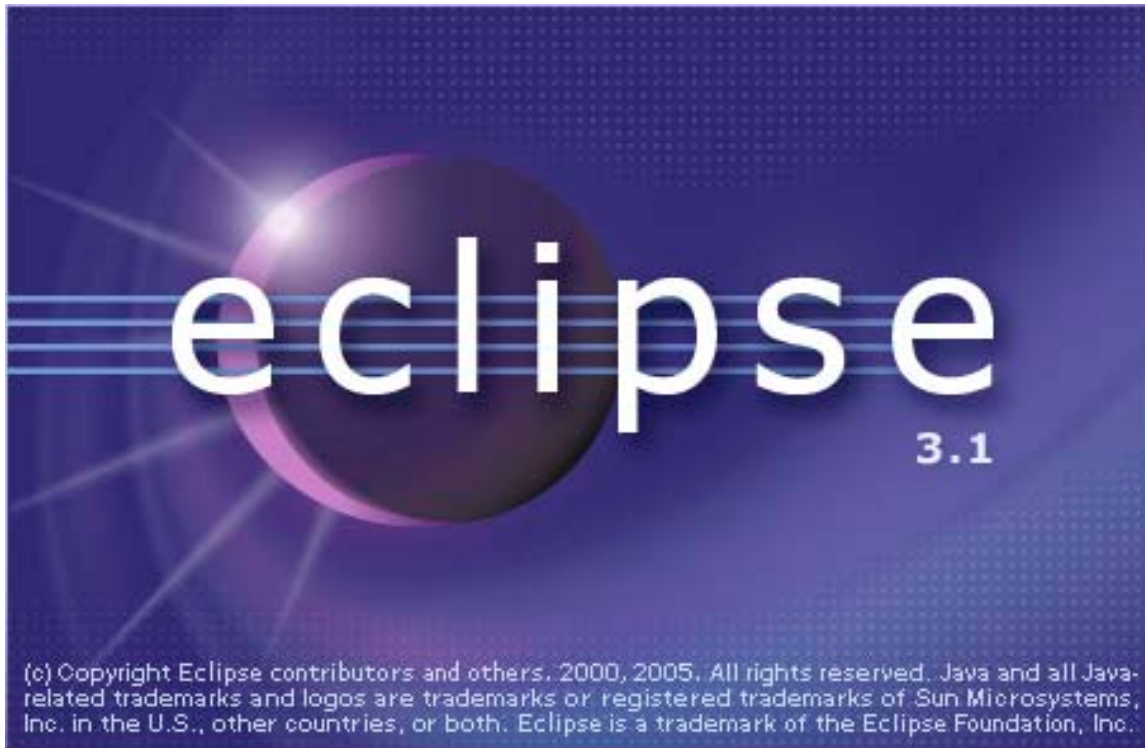
## Neil Powers Quote

“Longhorn will be disruptive on the desktop”



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# A New IDE





# Discussion

Other Exchange Observations.

Trends you see.