VA Smalltalk Going Forward

Mark Johnson, Instantiations

Agenda

- Introduction to Instantiations

- Products for VisualAge Smalltalk®

- Products for Rational®, WebSphere®, and Eclipse

- Our Smalltalk History

- IBM/Instantiations Smalltalk Relationship

- IBM Transition Roadmap

- VA Smalltalk™ Strategy

- VA Smalltalk Roadmap

- VA Smalltalk Features

- VA Smalltalk Pricing

- VA Smalltalk 7 Status

- Finding out more about VA Smalltalk

Who am I?

Mark Johnson

+1 503 598 4909
mark@instantiations.com

- **1981-1985**

  Development Manager, *Educational Software Inc.*
- **1986-1990**

  Data Processing Manager, *Montana Dept of Revenue*
- **1990-1993**

  Data Networking Engineer, *First Data Corporation*
- **1993-1997**

  Senior Systems Engineer, *Novell Inc.*
- **1997-1999**

  Strategic Marketing Manager, *Intel Corp.*
- **1999-present**

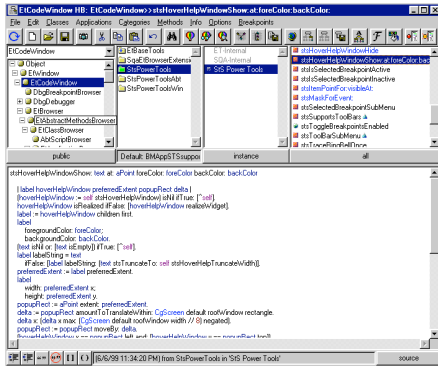 VP Marketing & Business Development, *Instantiations*

Introducing Instantiations

- Multi-faceted software company (re)founded in 1997

- Creates and markets leading edge development tools for enterprise software developers (VisualAge Smalltalk, Rational, WebSphere, Eclipse)

- Strategic partnerships:
  - IBM Advanced Business Partner
  - Eclipse Foundation Member

- Established Fortune 1000 customer relationships
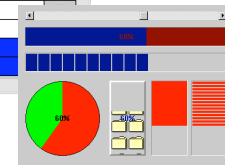
- Hundreds of Smalltalk customers worldwide
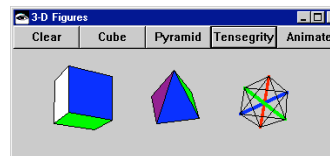
Products for VisualAge Smalltalk
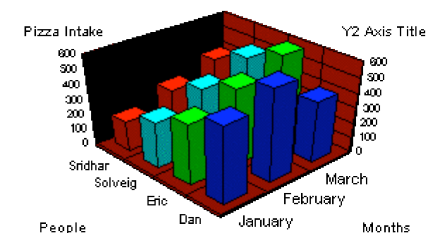
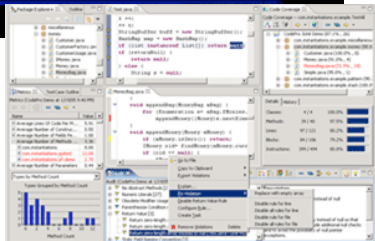- IDE Power Tools
- ENVY Power Tools
- GUI Power Tools

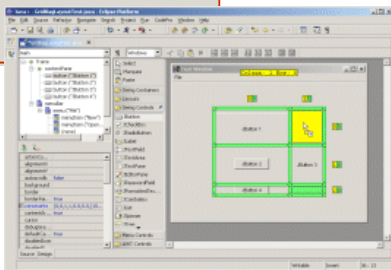- WidgetKits & GF/ST
- Spreadsheets
- Charts & Graphs

- Powerful GUI Designer
- Dozens of available widgets
- Fully Bi-directional

Products for Rational, WebSphere, and Eclipse
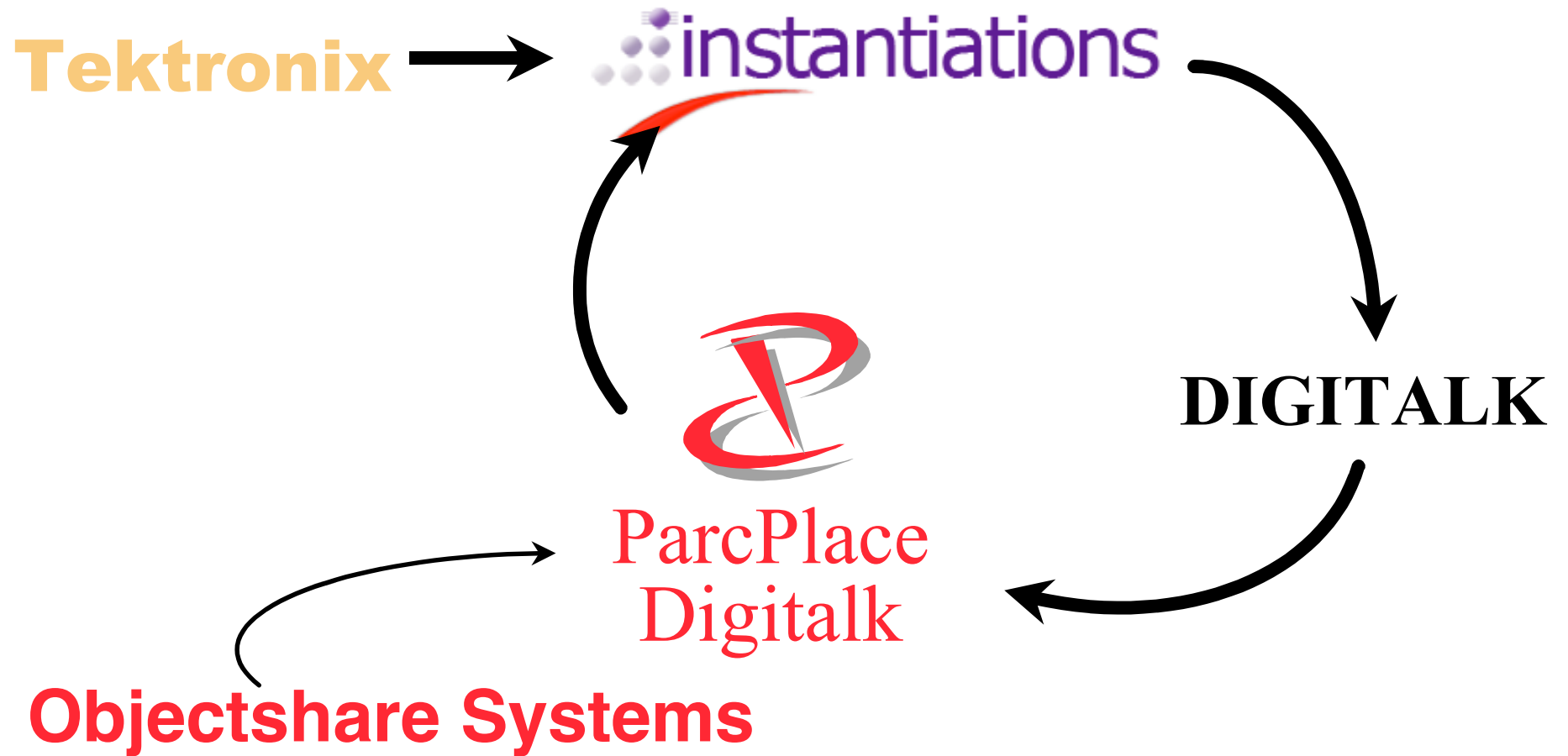
- Software Quality Improvement Tools
- JUnit Test Generation & Code Coverage Analysis
- Dynamic Code Audit & Code Metrics
- Javadoc Repair
- Team Collaboration

- Market Leading GUI Designer
- Supports Swing, SWT, JFace & RCP
- Fully Bi-directional

Instantiations History

Tektronix → **instantiations**

DIGITALK

ParcPlace Digitalk

Objectshare Systems

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Our Smalltalk History

Instantiations has contributed to the Smalltalk industry continuously since 1984.

- 1984: Instantiations' co-founders developed the world's first commercial version of Smalltalk at Tektronix.

- 1988: Founded Instantiations Inc. (first incarnation) and became one of the most prominent Smalltalk product and consulting companies in the world.

- 1992: Instantiations was acquired by Digitalk, Inc. and lead the design & development of Digitalk's Visual Smalltalk Enterprise (VSE) product line.

- 1990's: Digitalk was a major partner of IBM in the creation and marketing of Smalltalk technology.

- 1993: Co-founders of Instantiations founded ObjectShare Systems, a major Smalltalk product vendor and creator of WindowBuilder Pro & WidgetKits, which was acquired by ParcPlace-Digitalk in 1996.

- 1995: Digitalk was acquired by ParcPlace forming ParcPlace-Digitalk. Current Instantiations employees made major contributions to the development and marketing of VisualWorks™ Smalltalk..

- 1997: Instantiations Inc. (second incarnation) was formed in 1997 by the Tektronix/ Instantiations/ ObjectShare team. The company has offered products and services to the Smalltalk industry since its inception.

- 2004: IBM and Instantiations form relationship under which Instantiations provides Customer Support for VisualAge® Smalltalk.

- 2005: IBM and Instantiations form relationship under which Instantiations offers VA Smalltalk product.

Instantiations and its preceding companies have partnered with IBM to advance and advocate Smalltalk for well over a decade

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…and More History

Smalltalk Products Developed or Contributed to by Instantiations Team Members:

- Tektronix Smalltalk®
- Convergence Code Management System™
- Smalltalk V®
- Smalltalk Express®
- Visual Smalltalk Enterprise®
- Team/V®
- Parts for Smalltalk®
- VisualWorks Smalltalk®
- WindowBuilder Pro for VSE™
- WindowBuilder Pro for VAST™

- IBM Smalltalk
- Subpanes/V™
- WidgetKit/Professional for VAST™
- WidgetKit/Professional for VSE™
- WidgetKit/BusinessGraphics for VAST™
- VA Assist™
- VA Assist Pro™
- WindowBuilder Translation Toolkit™
- WidgetKit/Controls™
- GFST™

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Instantiations Relationship with IBM

- Advanced IBM Business Partner

    – PartnerWorld for Developers

    – PartnerWorld for Software
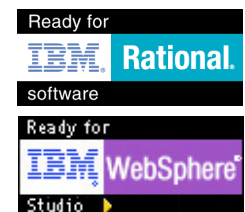
- VisualAge Smalltalk Solution Team Member

    – VA Smalltalk™ Provider

    – Supplier of Level 2 & 3 VisualAge Smalltalk Support (through IBM)
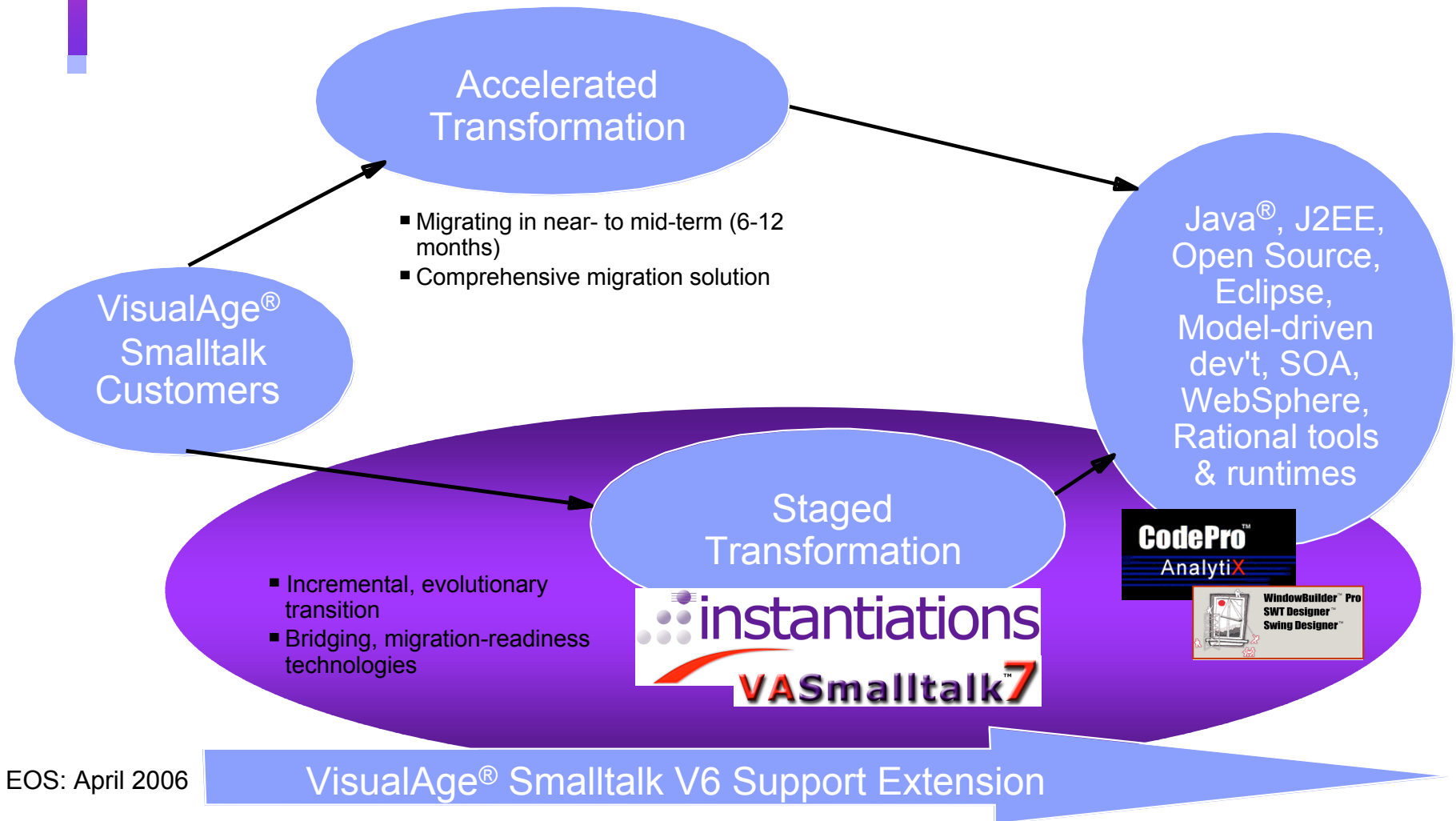
- STIC Corporate Member
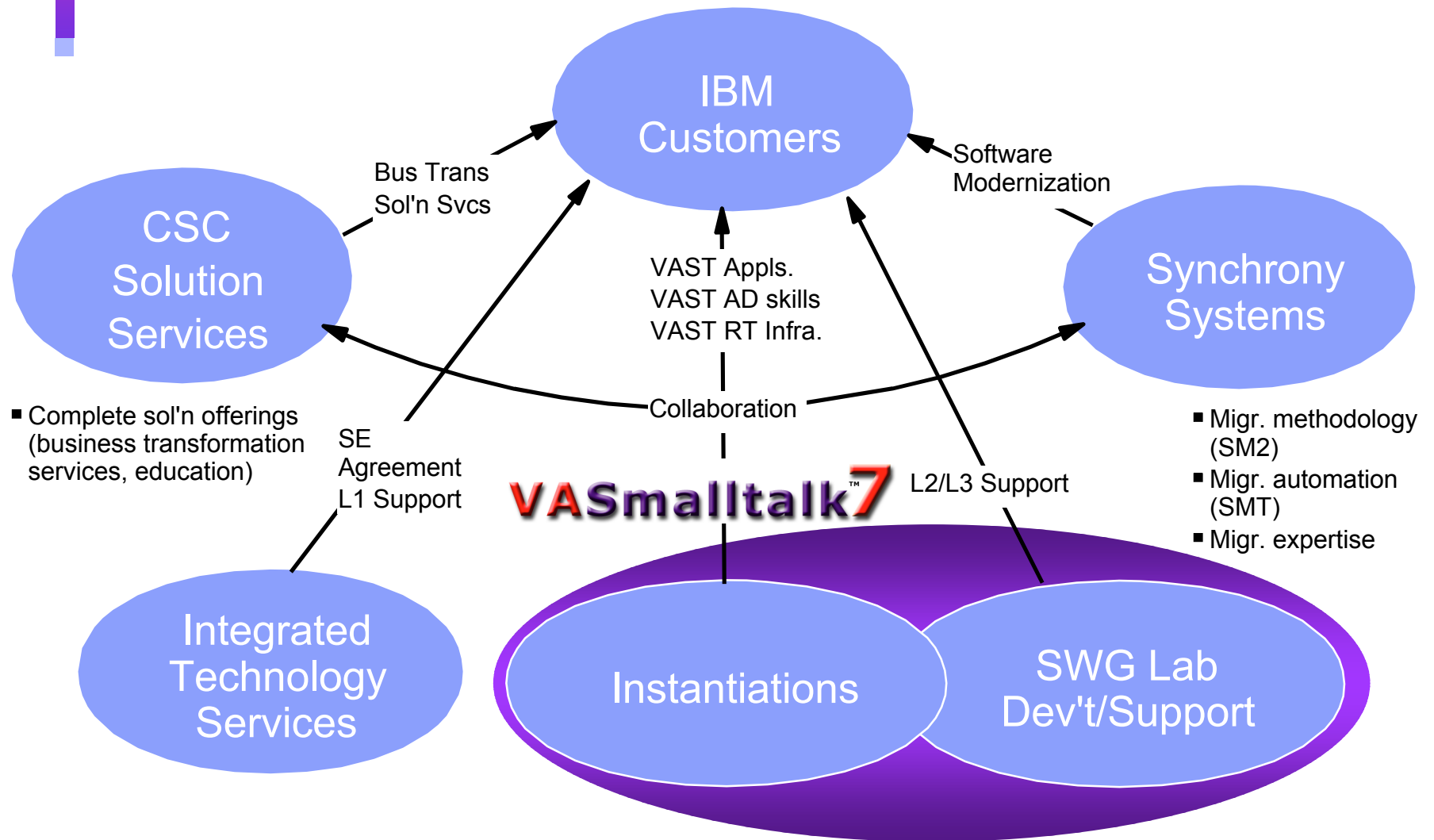
- Ready For Rational® and Ready For WebSphere® Programs

- Winner: IBM Solution Excellence ® Award (for VA Assist)

IBM VisualAge Smalltalk Transition Options

VASmalltalk7

Accelerated Transformation

- Migrating in near- to mid-term (6-12 months)
- Comprehensive migration solution

VisualAge® Smalltalk Customers

Java®, J2EE, Open Source, Eclipse, Model-driven dev't, SOA, WebSphere, Rational tools & runtimes

Staged Transformation

- Incremental, evolutionary transition
- Bridging, migration-readiness technologies

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VASmalltalk7

CodePro™ AnalytiX

WindowBuilder™ Pro SWT Designer™ Swing Designer™

EOS: April 2006

VisualAge® Smalltalk V6 Support Extension

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VisualAge Transition – Resource Model

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IBM Customers

CSC Solution Services

Bus Trans Sol'n Svcs

VAST Appls.
VAST AD skills
VAST RT Infra.

Software Modernization

Synchrony Systems

- Complete sol'n offerings (business transformation services, education)

SE Agreement
L1 Support

Collaboration

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L2/L3 Support

- Migr. methodology (SM2)
- Migr. automation (SMT)
- Migr. expertise

Integrated Technology Services

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SWG Lab Dev't/Support

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VA Smalltalk Strategy

VASmalltalk™7

Proven Power and Productivity™

- Lengthens viable life of VisualAge Smalltalk applications
- 100% VisualAge Smalltalk compatible
- Includes VA Assist, WidgetKit/Controls & GF/ST
- Modernized product
- Fully supported
- Roadmap for the future
- Instantiations is 100% committed to product development

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VA Smalltalk Roadmap

Product Development Roadmap (Preliminary and subject to change)

Announcement Date: April 2005 ✓   **Version:** 7.0.0

Delivery Date: August 2005

Included Components:
- VisualAge® Smalltalk 6.0.3
- VA Assist Enterprise/S™
- WidgetKit/Controls™
- GF/ST™ (unsupported goody)

Version 7.0

- **Integrate VA Assist to modernize look-and-feel of VA Smalltalk IDE**

- **Include WidgetKit/Controls to build more sophisticated UIs**

- **Include GF/ST as a "goodie" to add direct-manipulation graphics to applications**

- **Include migration readiness technology demo from Synchrony Systems**

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VA Smalltalk Roadmap (con't)

Version 7.5

- Finish ANSI Smalltalk support

- Further enhance and modernize IDE

- Modernize and include ENVY/QA

- Integrate Refactoring Browser and ENVY extensions

- Support for newer native Windows widgets

- Begin to enhance VAST web services

- Include additional migration readiness enhancements

Version 8.0

- Support for Microsoft Longhorn

- More web services enhancements

- Investigate namespace support

- 64-bit VM support

(Preliminary and subject to change)

VA Assist (Included in VAST7)

Modernized look and feel for VA Smalltalk IDE

VA Assist Features

Universal Drag/Drop

Powerful Change Propagation Tools

Customizable Toolbars

Color Code Syntax

Spell Checking & Auto-Spell Correction

Version Renaming & Templates

Class History / Find

Enhanced Debugger & Inspectors

Popup Senders / Implementors

Locate Applications / Dependents
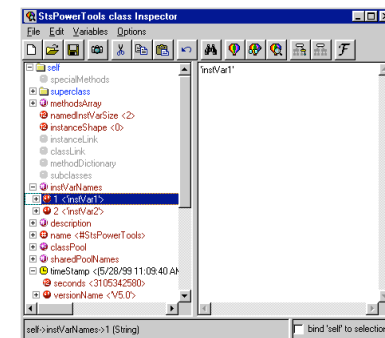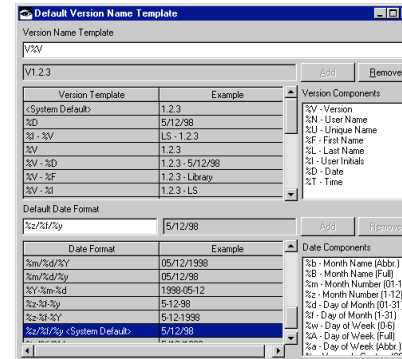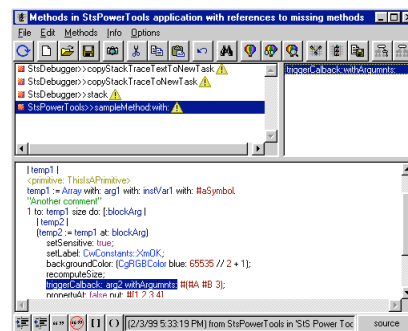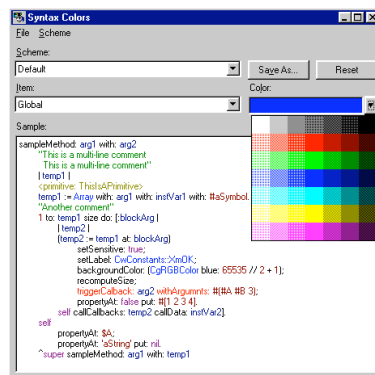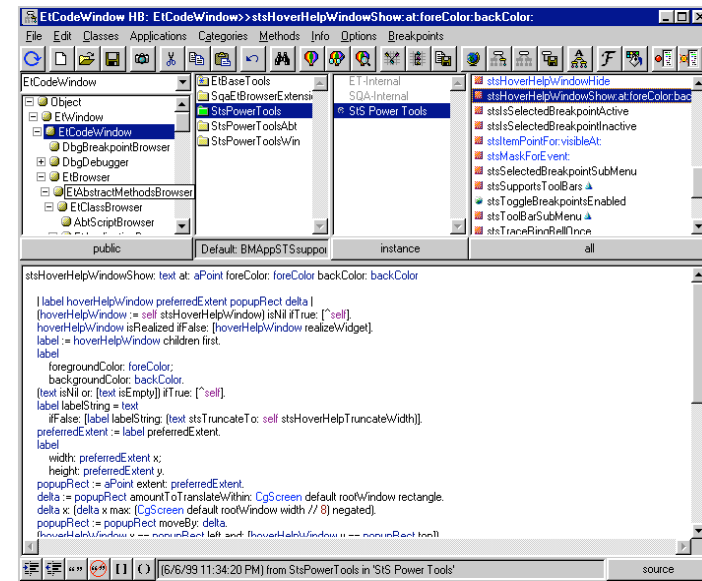
WidgetKit/Controls (Included in VAST7)

Allow customers to build more sophisticated GUIs

WidgetKit/Controls Features

Columnar List boxes, table widgets and hierarchical lists

Customizable image buttons, toggles and value sets

Vertical, horizontal and circular gauges

Data aware spin buttons

Splitbar widget

GF/ST (Included in VAST7)

Add direct-manipulation graphics to applications
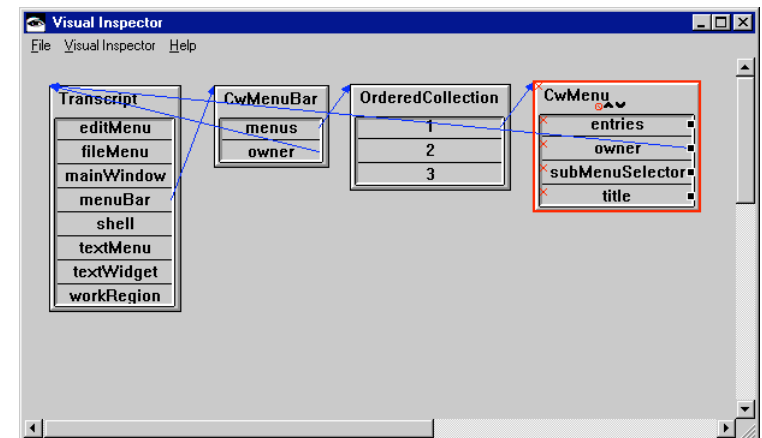
GF/ST Features
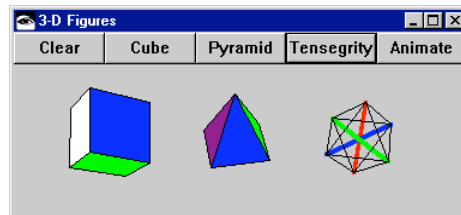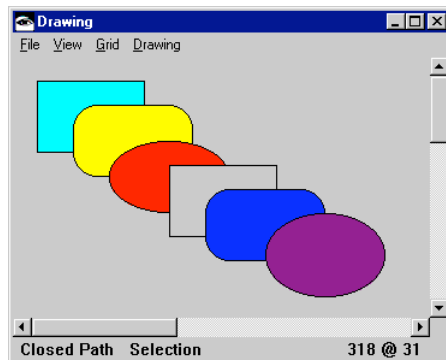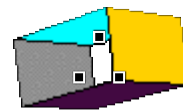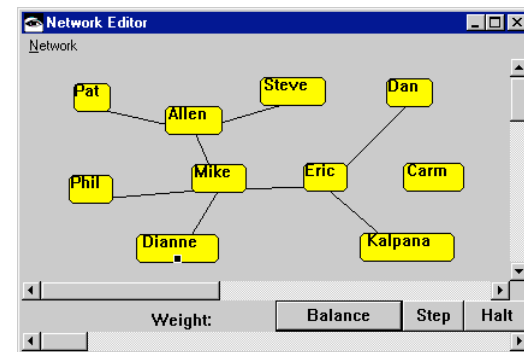Rich Framework for Graphic Objects
Reusable Components, Tools & Visual Handles
Drag / Drop and Object Linking
Create Workflow Diagrams, PERT Charts, Drawings
Event Based Architecture
Visual Inspector

Migration Readiness Technology Demonstration

Included in VA Smalltalk 7.0 courtesy of Synchrony Systems

SMT™ Features

Architecture Analysis

Dead Code Analysis and Removal

Comprehensive Diagnostics and Analytics

Interactive Type Inferencing Engine

GUI Transformation and Refactoring

Class Library Transformation and Refactoring

Language (Syntax) Transformation and Code Generation

Code Synchronization with Ongoing Development
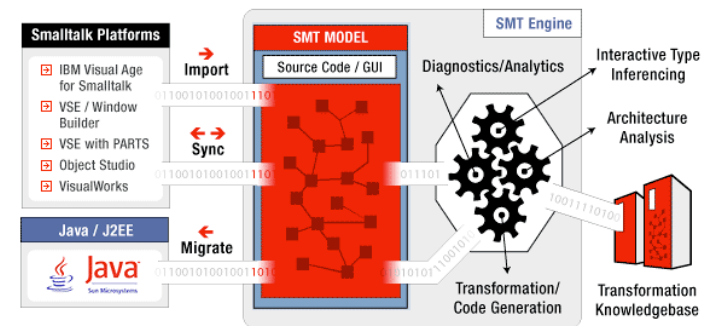
SMT Benefits

Integration Migration and Modernization Environment

Supporting large-scale modernization projects

Supports synchronization of ongoing development with the modernization

Support team modernization activities

Reusable and repeatable knowledge-base drive process

Ensure production of high quality code on the target platform – not simply code that runs

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VA Smalltalk Pricing

New VAST7 License: **$6995** (license is per developer, quantity discounts and site licenses available)

Upgrade to VAST7: **$1495** (if IBM support is current, includes 1 year of upgrades and support)

Upgrade to VAST7: **$1995** (if currently unsupported, includes 1 year of upgrades and support)

VAST7 Annual Support: **$1495** (per year, includes support and upgrades)

Competitive Upgrade: **$1995** (see website for details)

WindowBuilder Pro: **$895**

WidgetKit Professional: **$895**

WidgetKit Business Graphics: **$895**

See website for details. Prices current as of April 26, 2005 and may be changed without notice.

VA Smalltalk Status

- IBM only recently delivered VisualAge v6.0.3 to us so this caused a delay

- We have accelerated the VAST7 program to make up time

- We are in the final stages of testing the Windows version

- Expect the Windows GA version very soon

- GA for Linux, AIX & Solaris at the end of August

Finding out more about VA Smalltalk

VASmalltalk7

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Mark Johnson: mark@instantiations.com

Eric Clayberg: clayberg@instantiations.com

Website: www.instantiations.com/vast

Please contact us at vast@instantiations.com for a copy of this presentation.

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Questions

VASmalltalk™7

**Proven Power
and
Productivity™**

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