z/VSE Application Development Modernization

Live Demo

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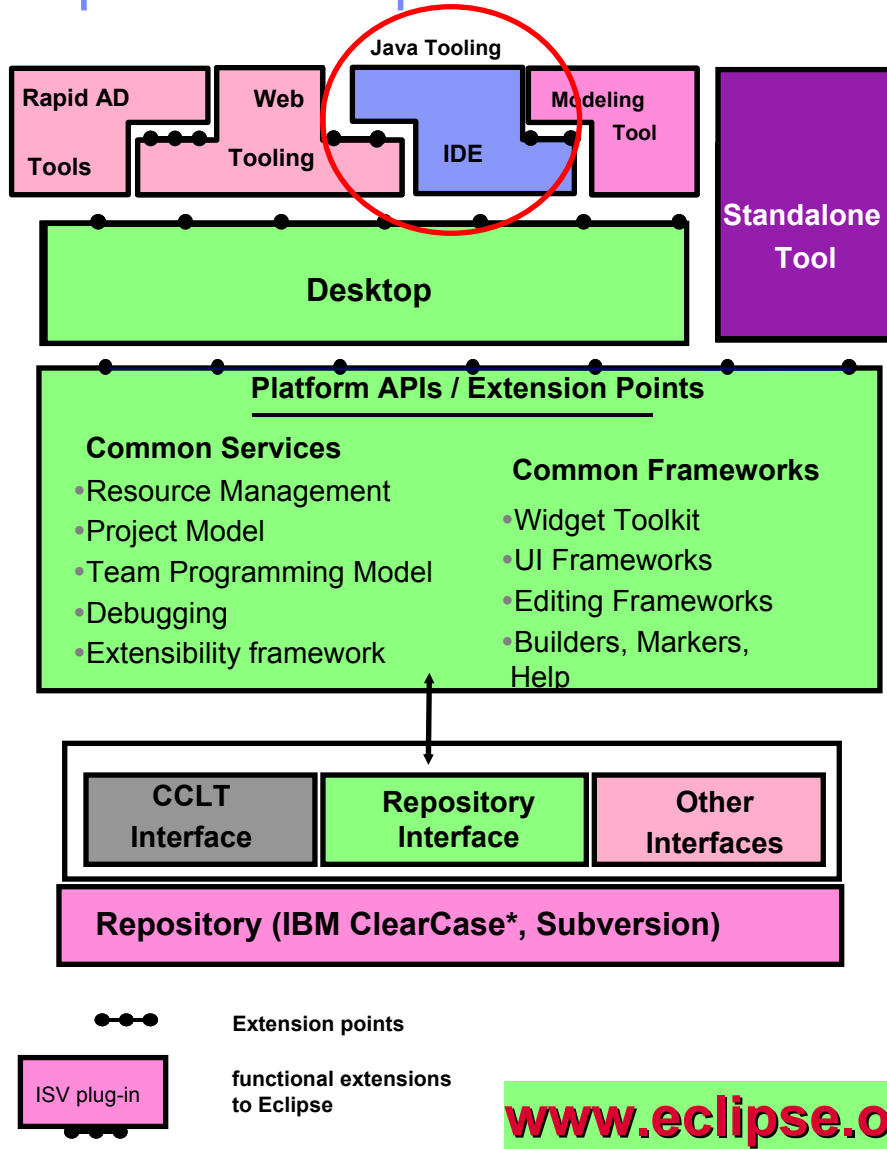
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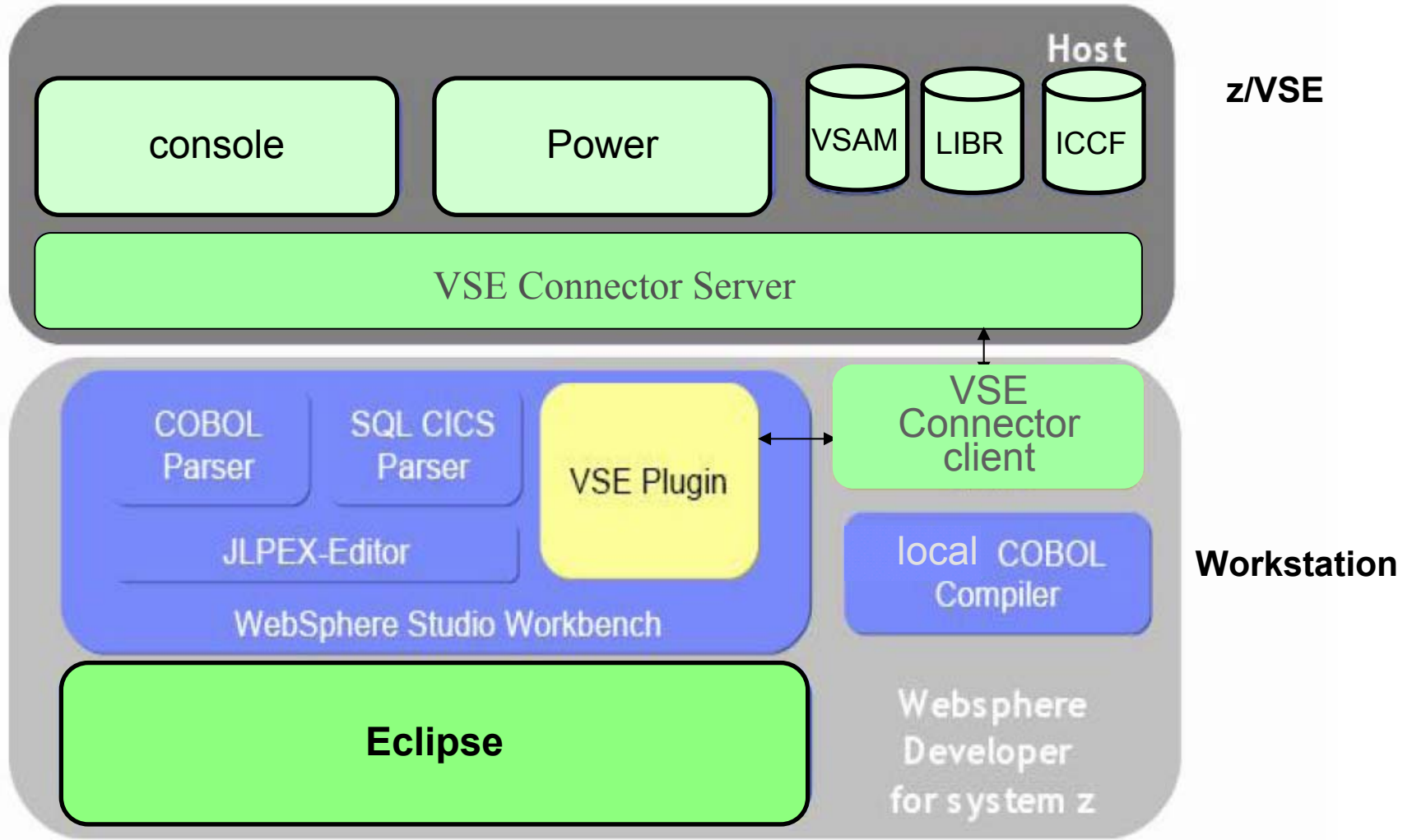Intel is a registered trademark of Intel Corporation.

Eclipse – the open Standard for application development

Java Tooling

Rapid AD
Tools

Web
Tooling

IDE

Modeling
Tool

Standalone
Tool

Desktop

Platform APIs / Extension Points

Common Services
- Resource Management
- Project Model
- Team Programming Model
- Debugging
- Extensibility framework

Common Frameworks
- Widget Toolkit
- UI Frameworks
- Editing Frameworks
- Builders, Markers, Help

CCLT
Interface

Repository
Interface

Other
Interfaces

Repository (IBM ClearCase*, Subversion)

Extension points

ISV plug-in

functional extensions
to Eclipse

www.eclipse.org

What is Eclipse about:

- **Open source development framework**
  - with modern Editors
  - syntax help & check
  - semantic check

- **Centralized source code maintenance**
  - entire source code in central Repository
  - cross platform project administration

- **Versioning software interface**
  - CVS, Subversion, or IBM ClearCase
  - automatic Workgroup-control
    - i.e. development groups, system group

- **Open for ISVs development Plug-Ins**

  - Integrated Development Environments (IDE)
  - for System z (WDz, RDz)
  - for Java, COBOL, PL/I, ASM,C

  - Application analysis and optimization
  - Analyze the applications and workflows with graphical correlations

  - IBM HATS Development Plug-In (LVC xxx
  - develop new front-ends to 3270 appls.

  - IBM EGL development Plug-In for z/VSE
  - follow-on to Visual Age Generator

IBM WebSphere Developer for System z (WDz) with z/VSE Development Plug-in

IBM WebSphere Developer (WDz) in z/VSE perspective

IBM WebSphere Developer (WDz) in z/VSE perspective

1.Perspective

2.View

3.Projects

7.VSE Terminal

5.Outline View

6.VSE Console

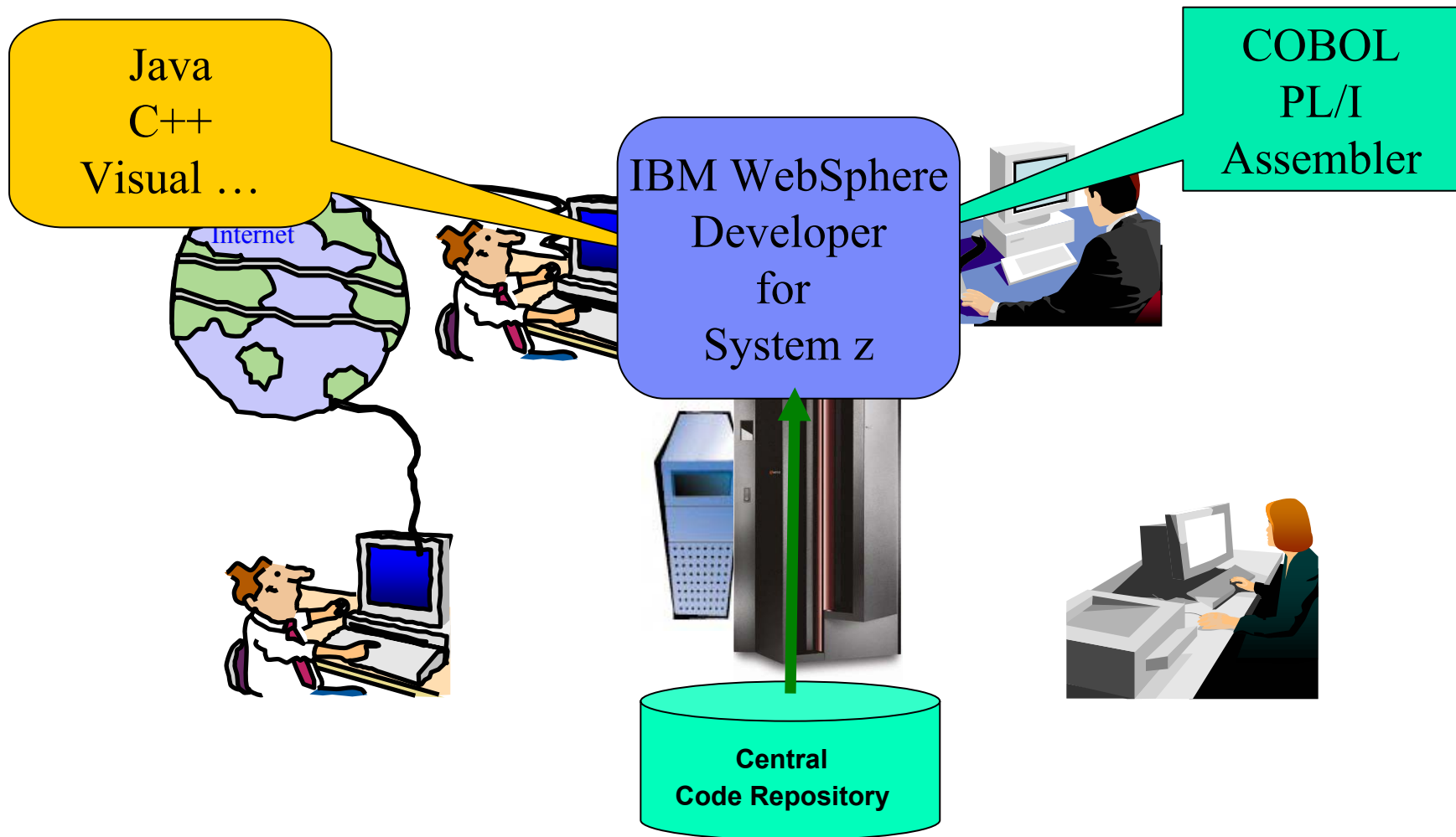April 20, 2008

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Conclusion: Development for all platforms with one tool set

- **A modern tool set to support z/VSE development and maintenance**
  - modern editor for enhanced productivity
  - tools to analyze and optimize existent applications and workflow

- **Common framework for enterprise development**
  - standard for all developers
  - example: z/VSE with COBOL, Linux on System z with Java
  - easy skill transfer

- **Open source framework**
  - commonly thought in schools and universities
  - smooth introduction of new developers to the mainframe

Eclipse – an open Integrated Development Environment for the enterprise

Questions ?

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