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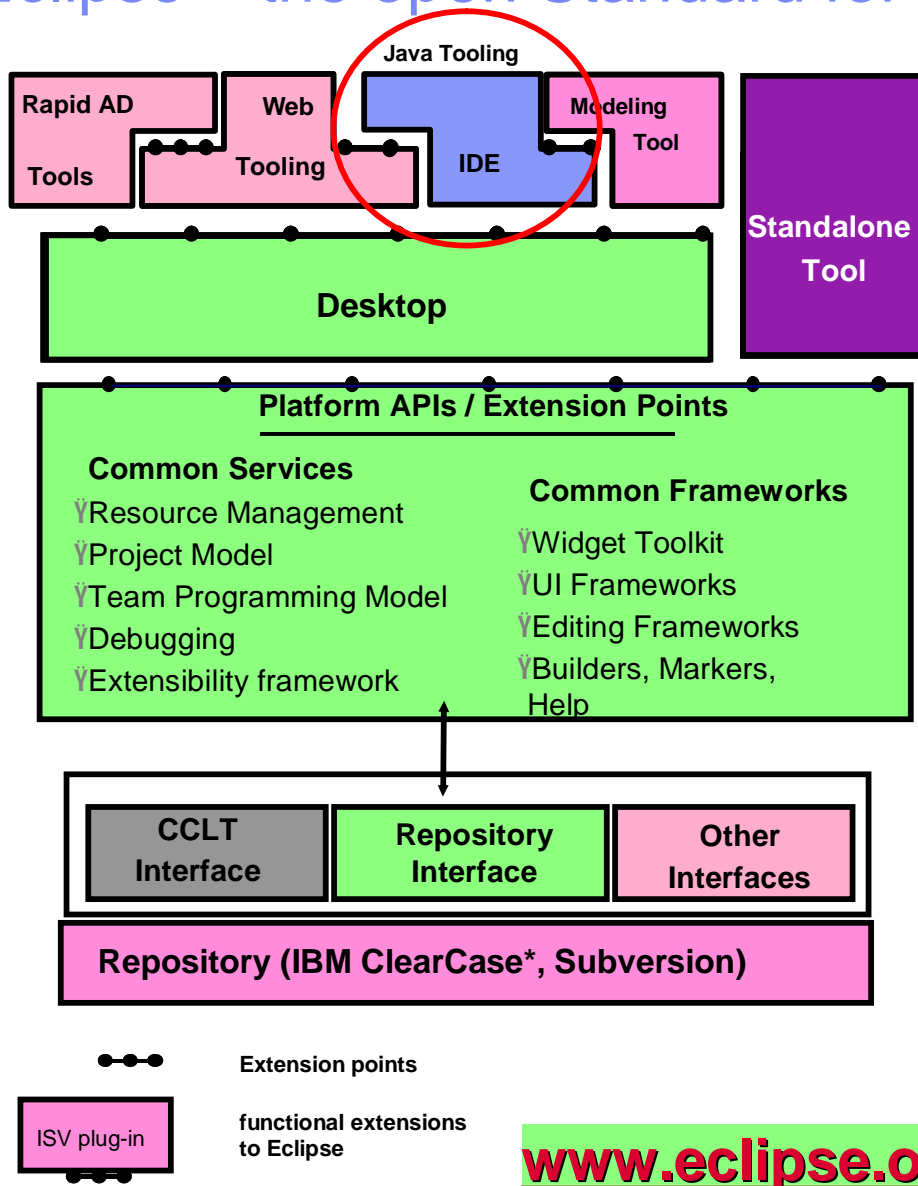This publication was produced in the United States. IBM may not offer the products, services or features discussed in this document in other countries, and the information may be subject to change without notice. Consult your local IBM business contact for information on the product or services available in your area.
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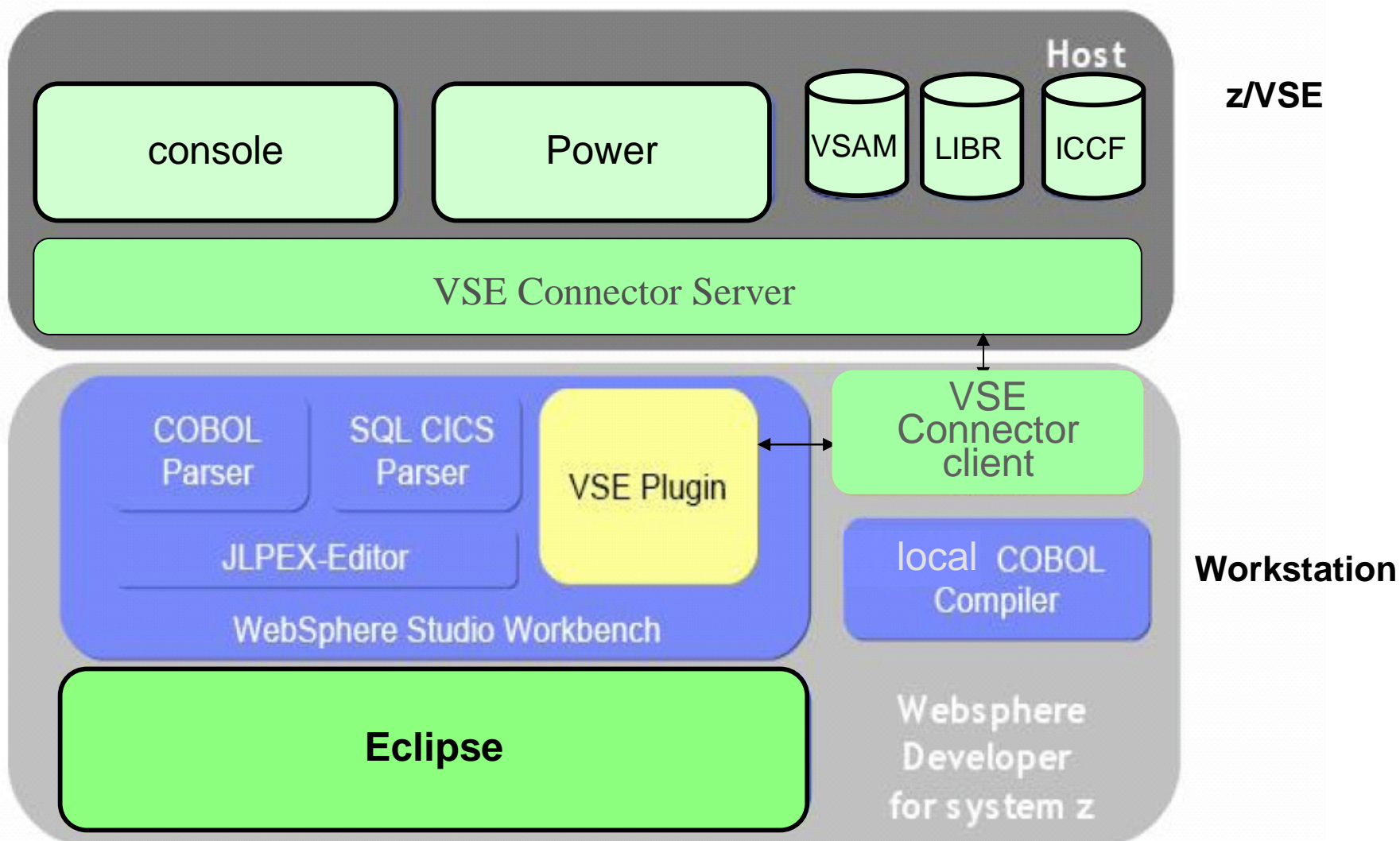# Eclipse – the open Standard for application development

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 Rational Developer for System z (RDz) with z/VSE Development Plug-in

IBM Rational Developer (RDz) in z/VSE perspective

IBM Rational Developer (RDz) in z/VSE perspective

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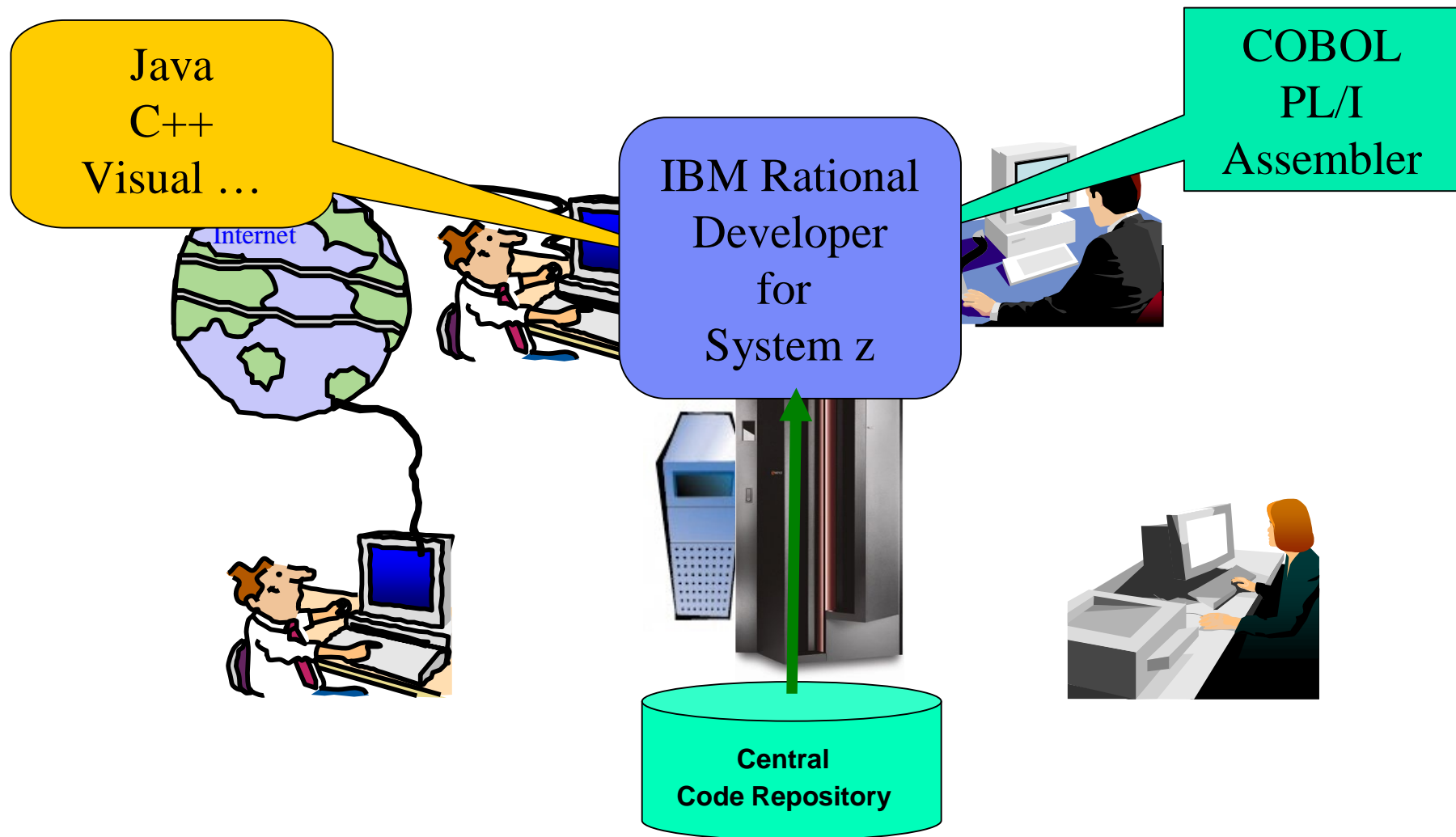
Conclusion: Development for all platforms with one tool set

§ 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

Java
C++
Visual …

Internet

COBOL
PL/I
Assembler

IBM Rational
Developer
for
System z

**Central
Code Repository**

Questions ?