



| IBM System z – Live Virtual Class

z/VSE Application Development Modernization

Live Demo of IBM WebSphere Developer for System z (WDz)

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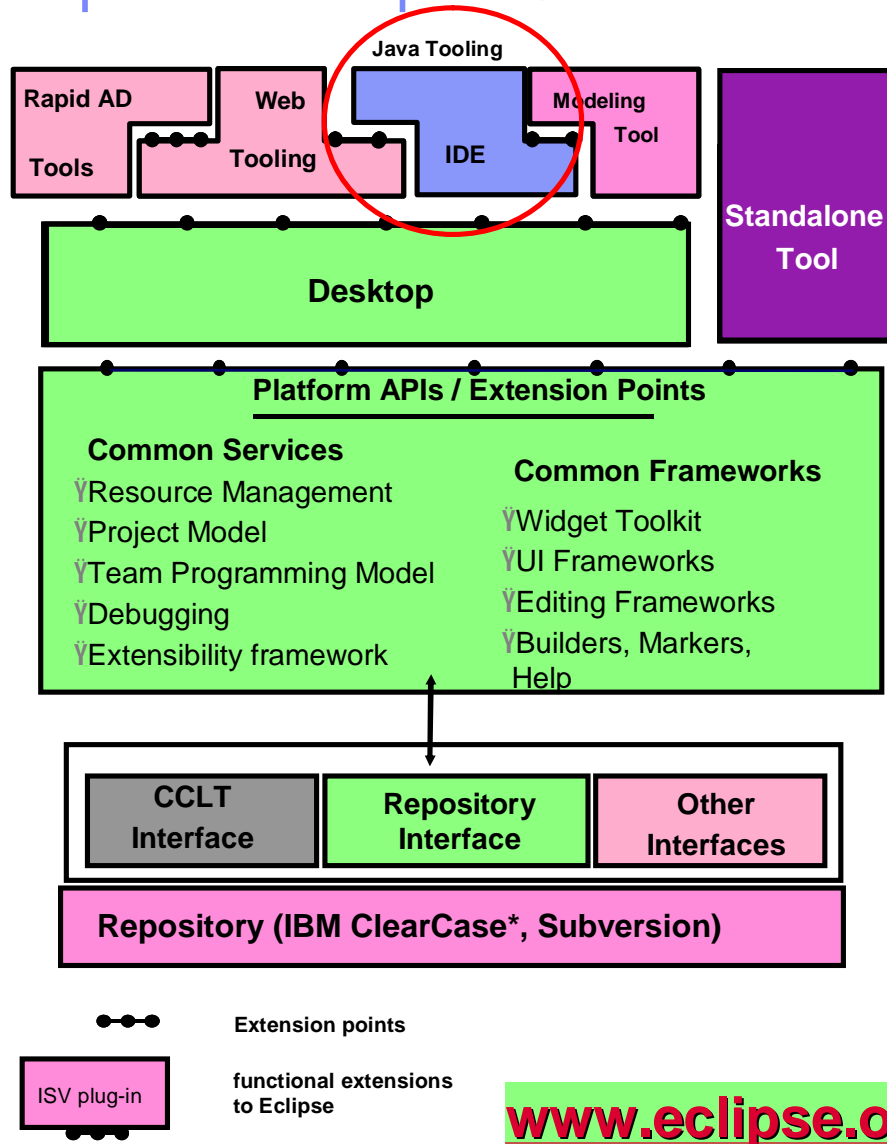
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Eclipse – the open Standard for application development

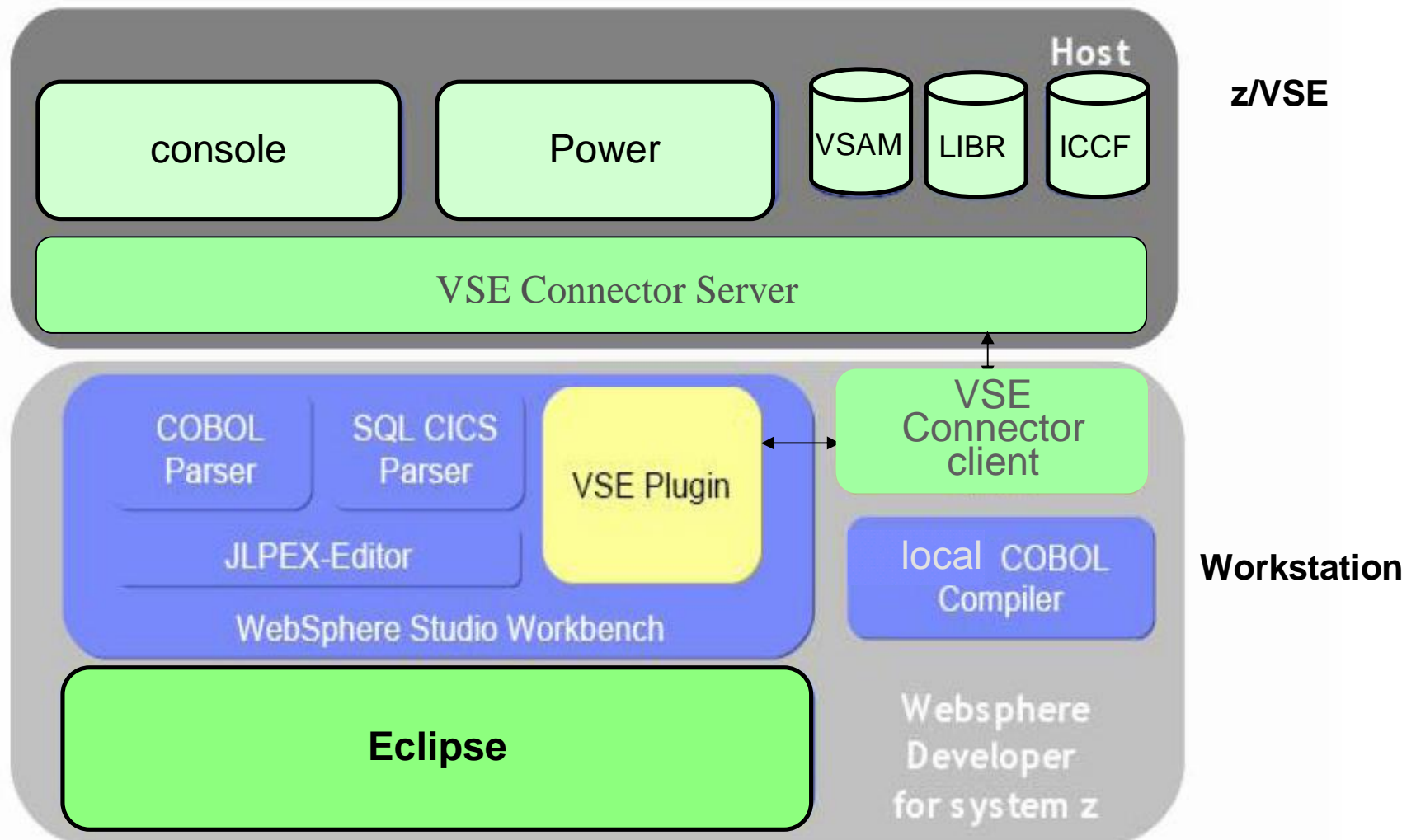


www.eclipse.org

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 apps.
 - **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

The screenshot displays the IBM Rational Software Development Platform interface for z/VSE. The main editor window shows COBOL code for a program named PRINTAPP. The code is organized into sections: Identification Division, Data Division, Working-Storage Section, Linkage Section, and Procedure Division. Annotations 1 through 6 highlight specific components: 1. Perspective (the overall IDE window), 2. View (the VSE System View tree on the right), 3. Projects (the z/OS Projects tree on the left), 4. Editor (the central code editor), 5. Outline View (the Outline window at the bottom left), and 6. VSE Console (the VSE Console window at the bottom right showing a MAP table).

1. Perspective

2. View

3. Projects

4. Editor

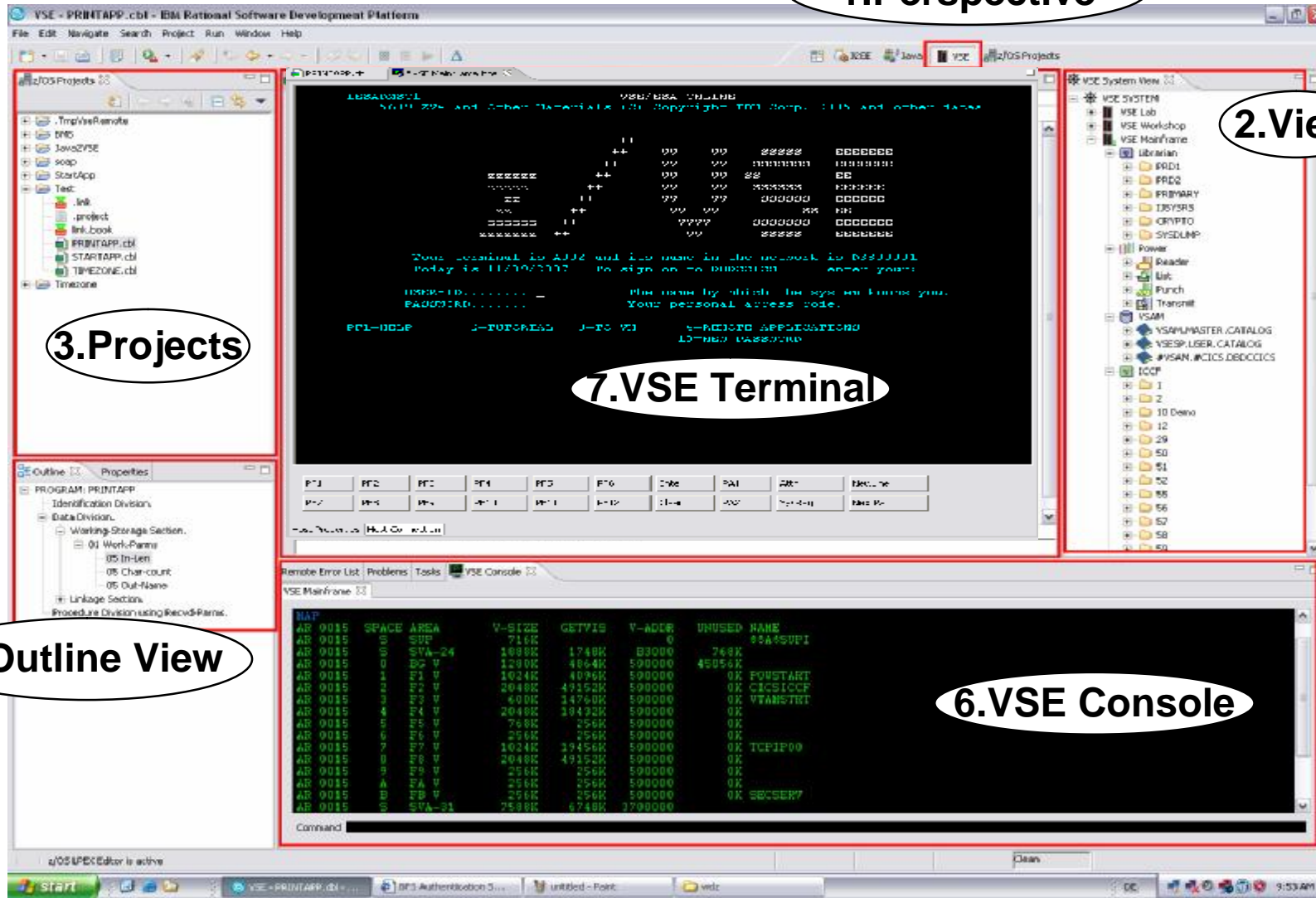
5. Outline View

6. VSE Console

MAP	SPACE	AREA	V-SIZE	GETVIS	V-ADDR	UNUSED	NAME
AR 0015	S	SUP	716K				***SUPI
AR 0015	S	SWA-24	1000K	1740K	03000	768K	
AR 0015	0	DC V	1290K	4064K	500000	45056K	
AR 0015	1	F1 V	1024K	4076K	500000	0K	FORSTART
AR 0015	2	F2 V	3648K	4952K	500000	0K	CICDCCF
AR 0015	3	F3 V	400K	4476K	500000	0K	VTAMSTR
AR 0015	4	F4 V	2048K	3842K	500000	0K	
AR 0015	5	F5 V	768K	256K	500000	0K	
AR 0015	6	F6 V	256K	256K	500000	0K	
AR 0015	7	F7 V	1024K	3945K	500000	0K	TCPIP00
AR 0015	0	F8 V	2048K	4915K	500000	0K	
AR 0015	5	F9 V	256K	256K	500000	0K	
AR 0015	A	FA V	256K	256K	500000	0K	
AR 0015	B	FB V	256K	256K	500000	0K	SECSER7
AR 0015	S	SWA-21	7590K	6748K	3700000		

IBM WebSphere Developer (WDz) in z/VSE perspective

1.Perspective



2.View

3.Projects

7.VSE Terminal

5.Outline View

6.VSE Console

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

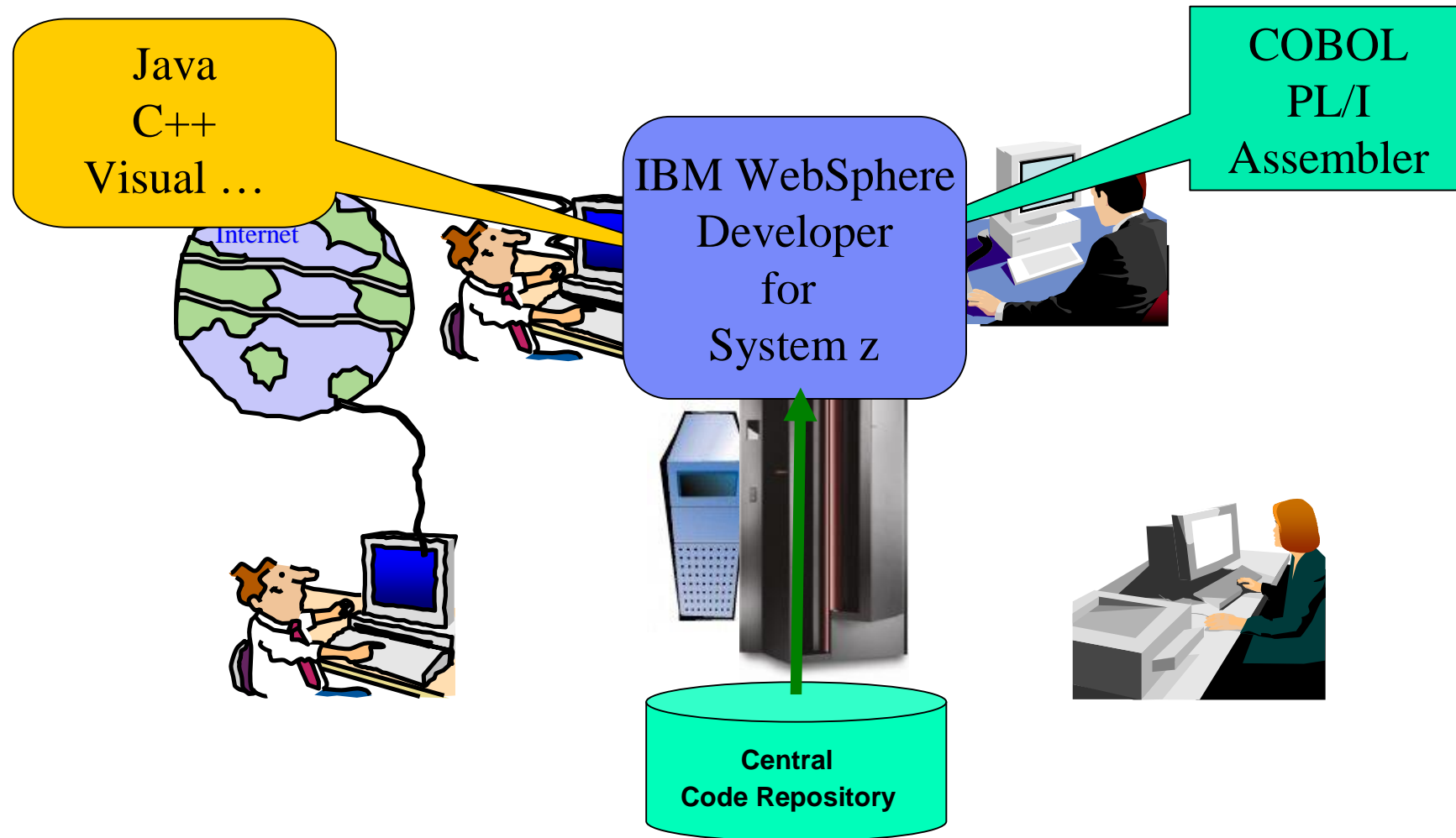
§ Common framework for enterprise development

- 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



Catch the WAVV



- § **World Alliance of VSE, VM & Linux**
- § **April 18-22, 2008
Chattanooga, TN
Marriott Hotel**
- § **<http://www.wavv.org>**
- § **Also including sessions
about z/VSE Application
Development**

Questions ?

