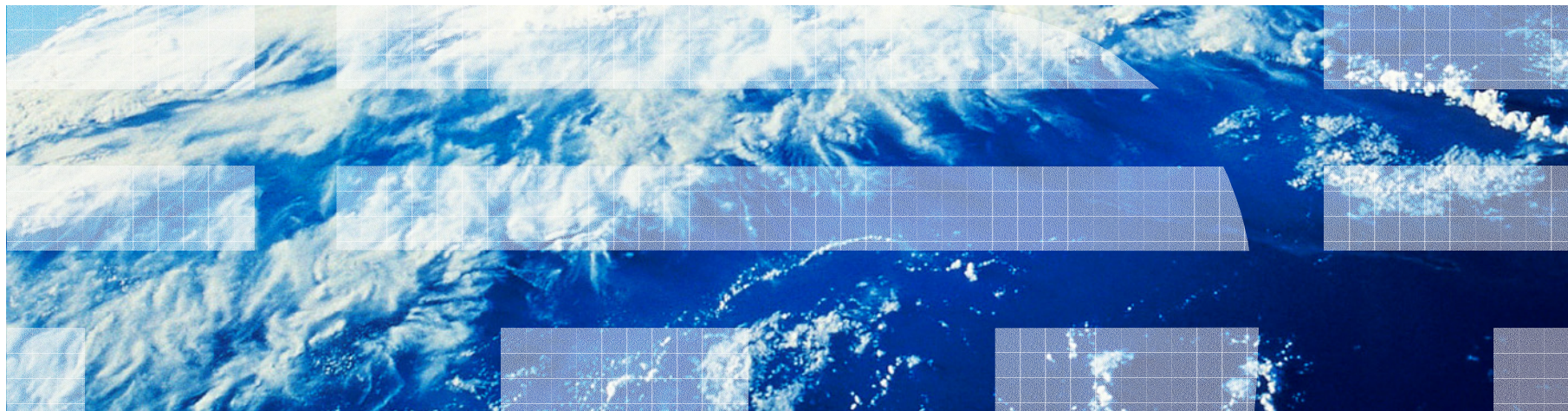


# IBM Rational Developer for System z in Action

Ingo Franzki & Wilhelm Mild, IBM



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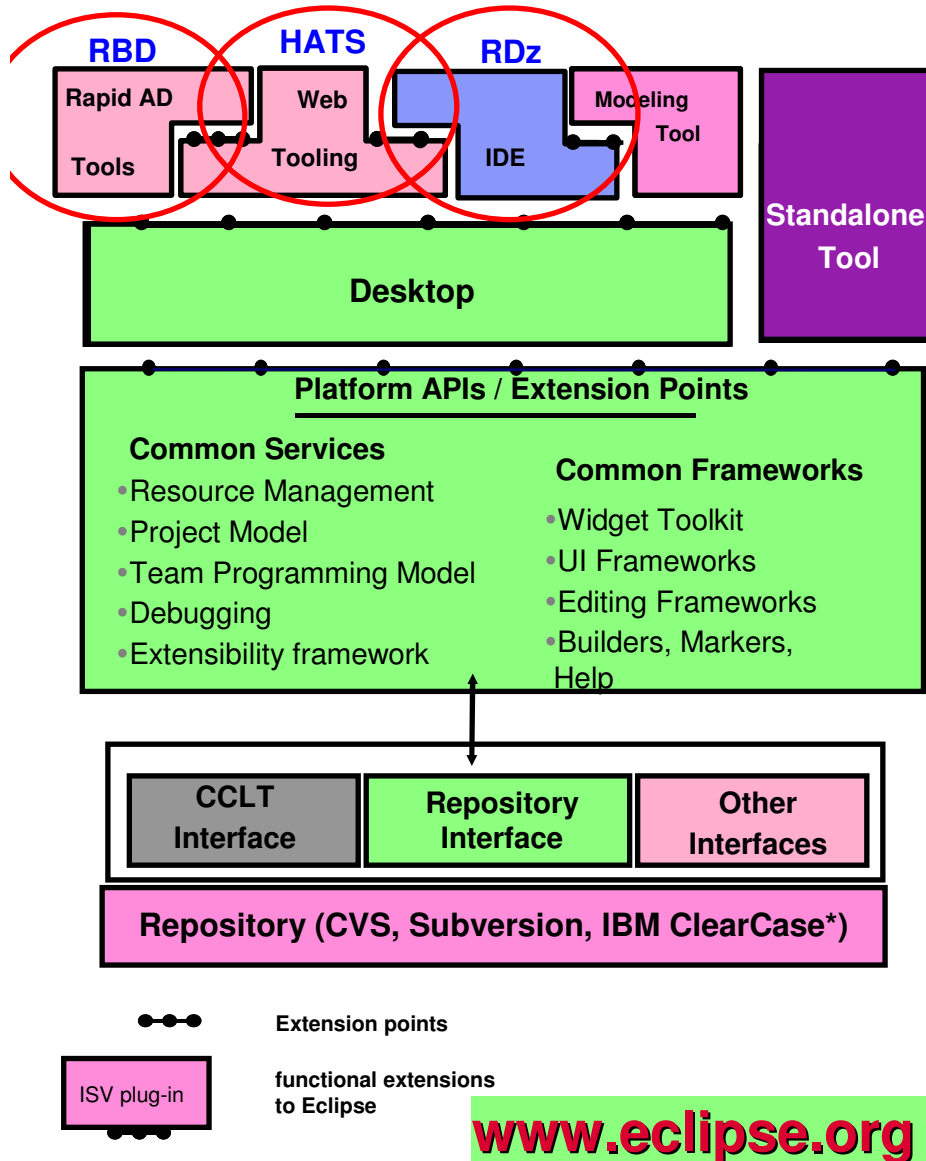
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# Eclipse based Development Environments for z/VSE

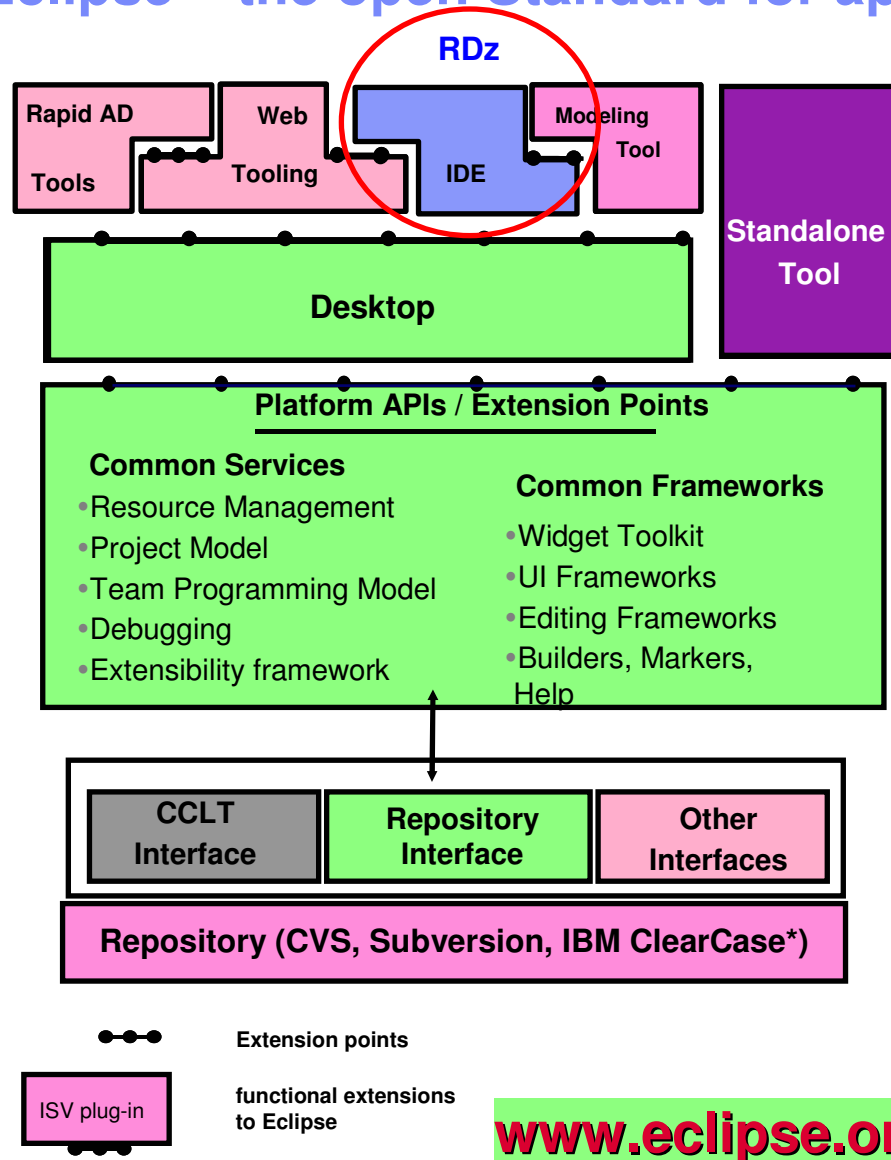
Eclipse – the open Standard for application development



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
- Open for ISVs development Plug-Ins
  - 1) Integrated Development Environment (IDE)
    - Rational Developer for System z (RDz)
    - for Java, COBOL, PL/I, ASM,C
  - 2) IBM HATS Development Plug-In
    - develop new front-ends to 3270 applications
  - 3) IBM EGL development for z/VSE
    - Rational Business Developer (RBD)
    - EGL Plug-In for z/VSE
    - follow-on to Visual Age Generator

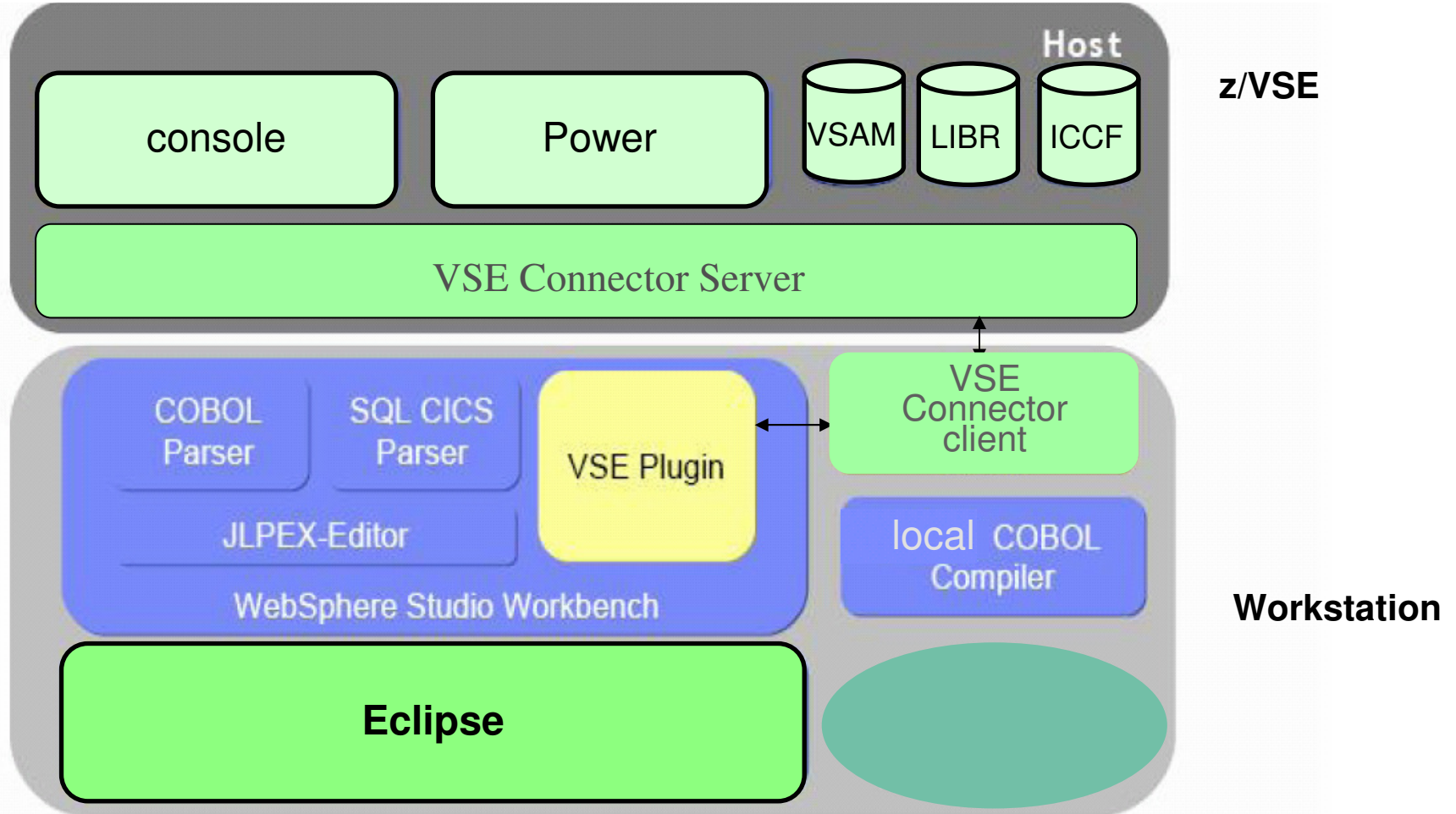
# Eclipse – the open Standard for application development



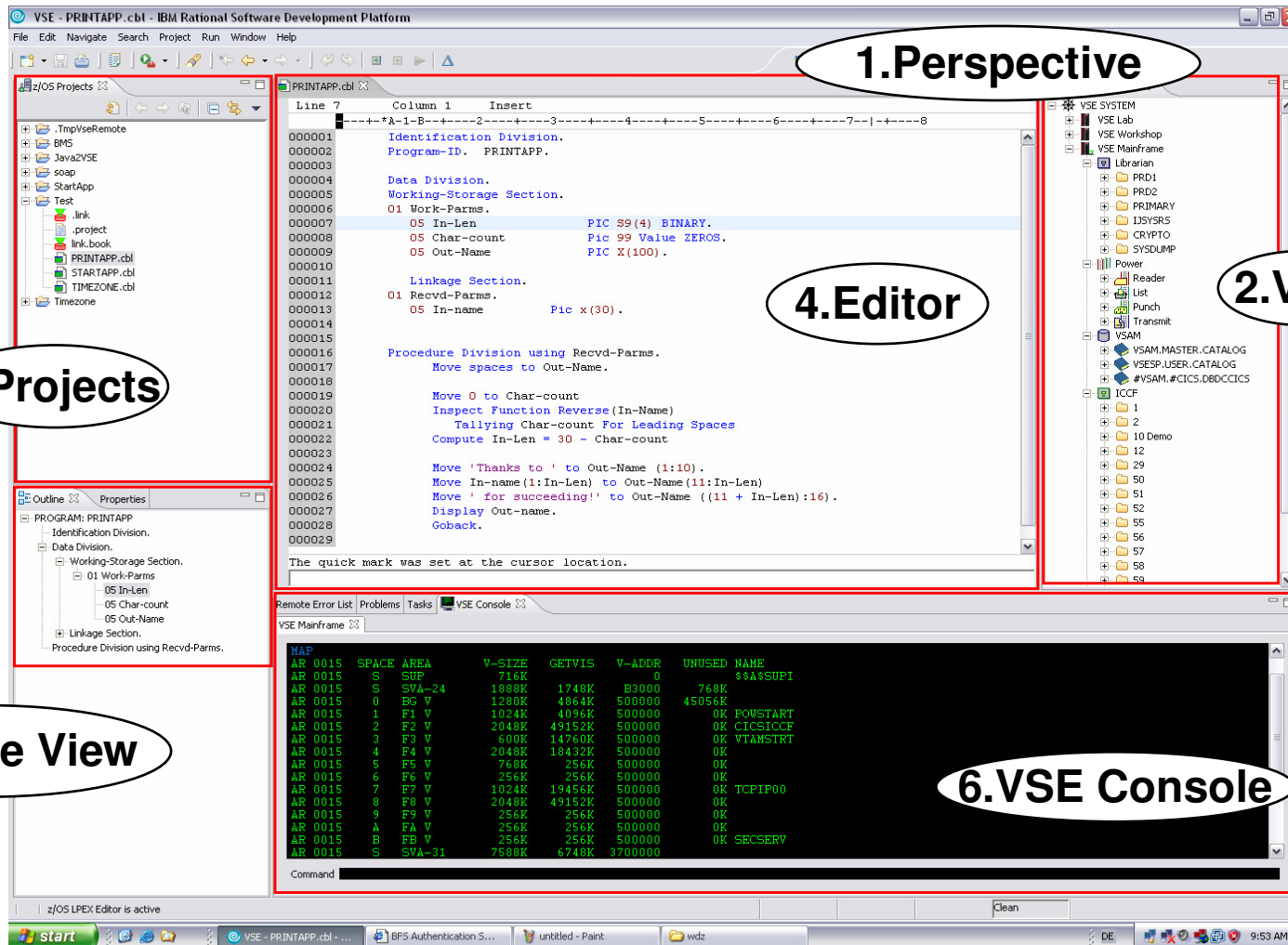
[www.eclipse.org](http://www.eclipse.org)

- What is Eclipse about:
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    - entire source code in central Repository
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  - 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 (RDz)**
    - **for Java, COBOL, PL/I, ASM,C**
    - Application analysis and optimization
      - RTW – Rational Trasformation Workbench
      - Analyze applications with graphical correlations
    - IBM HATS Development Plug-In
      - develop new front-ends to 3270 appls.
    - **IBM EGL development for z/VSE (RBD)**
      - 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

1. Perspective

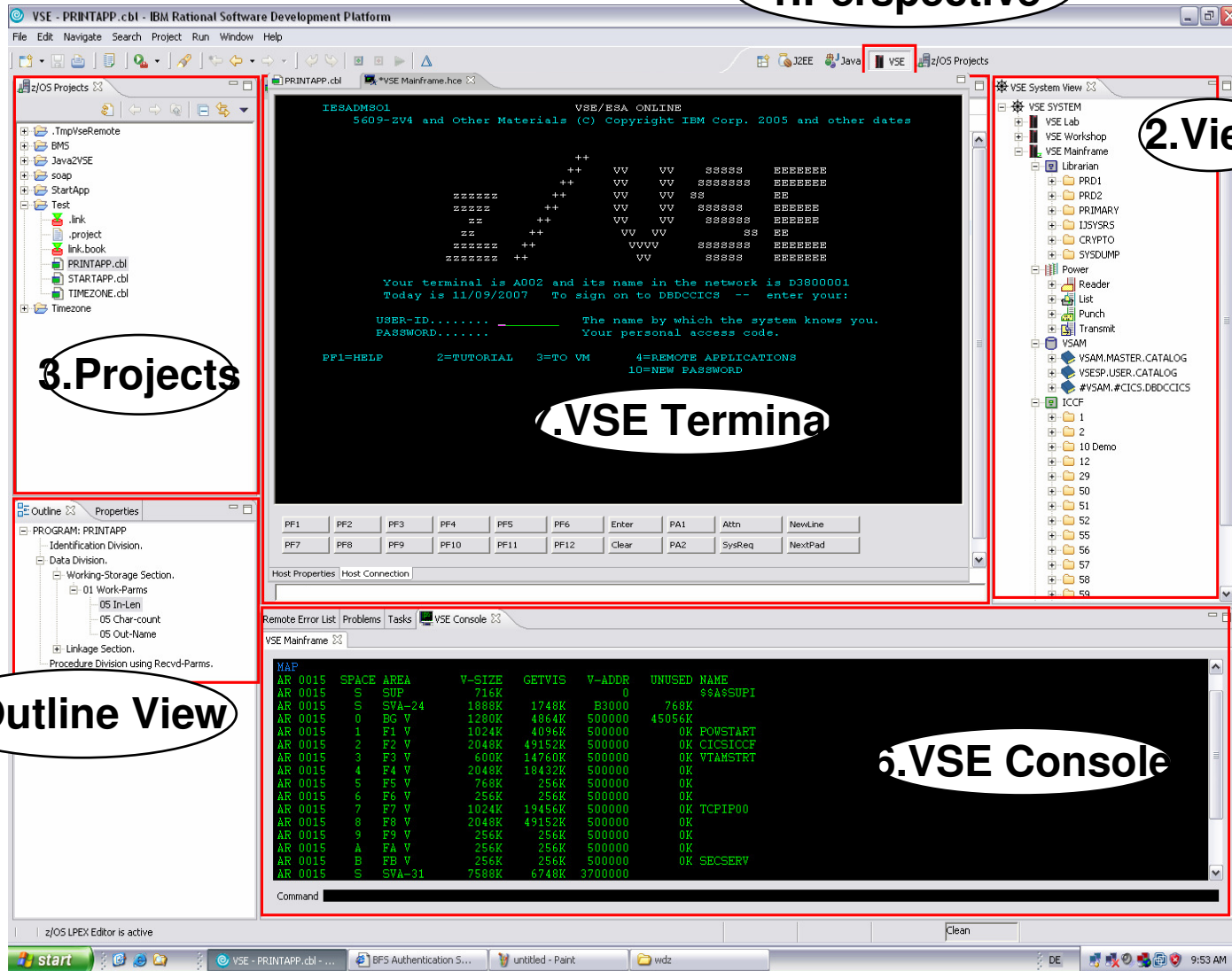
2. View

3. Projects

.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

