

IBM Software Group

WebSphere Development Studio Client for iSeries: The Remote System Explorer Tooling for RPG/COBOL development Claus Weiss

WebSphere. software





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Remote System Explorer

Subsystems, filters and actions

Editors

Integrated iSeries Debugger

Designer

Summary



1988

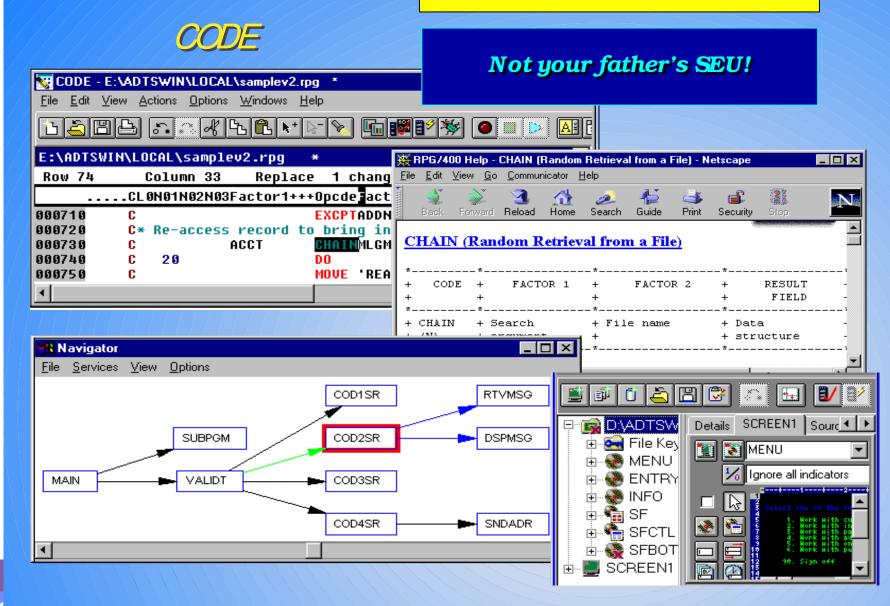
In the beginning, there was PDM and SEU

```
Columns . . . :
                                     Edit
                                                             RSELAB01/QRPGLESR(
SEU==>
                                                                       PAYROLLG
           Housekeeping, clear display fields and reset indicators.
0000.46 C*
0000.47 C*
0000.48 C
                            EXSR
                                     MAIN
0000.49 C* If MAIN is done program ends
0000.50 C
                                     *INLR = *on
                            eval
0000.51 * MAIN SUBROUTINE
0000.52 C
             MAIN
                           BEGSR
0000.53 C
                            dou
                                     *INKC
0000.54 C
                           EVAL
                                      *IN60 = *OFF
0000.55 C
                           EVAL
                                     EMESS = *BLANK
0000.56 C
                           EVAL
                                     EMPAPL = *BLANK
0000.57 C
                                     PRJAPL = *BLANK
                           EVAL
0000.58 C
                           EVAL
                                     RSNAPL = *BLANK
0000.59 C*
           Write the SELECT format to display. If end of job requested,
0000.60 C*
0000.61 C*
```



1992

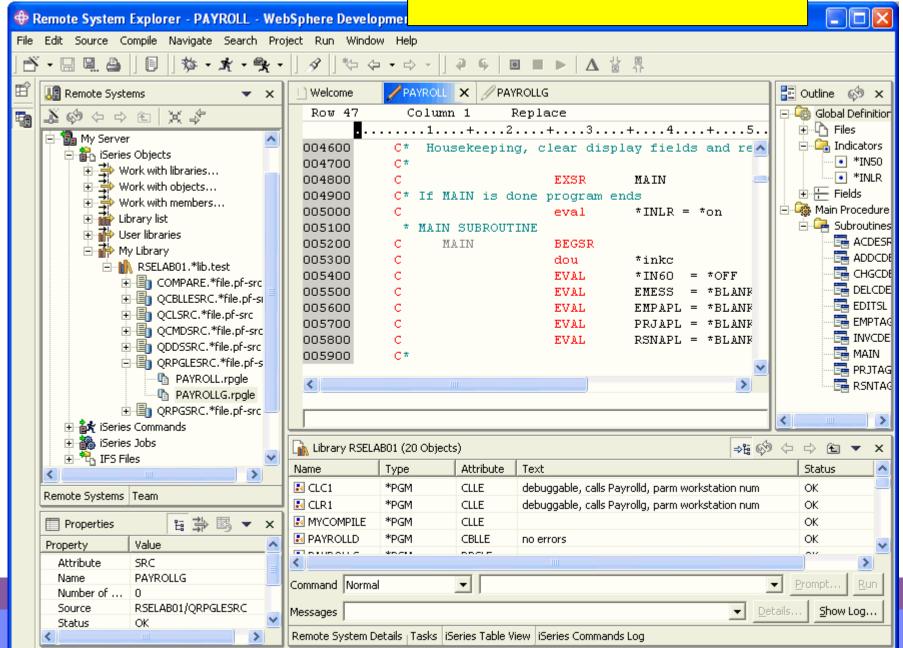
And then came CODE/400!





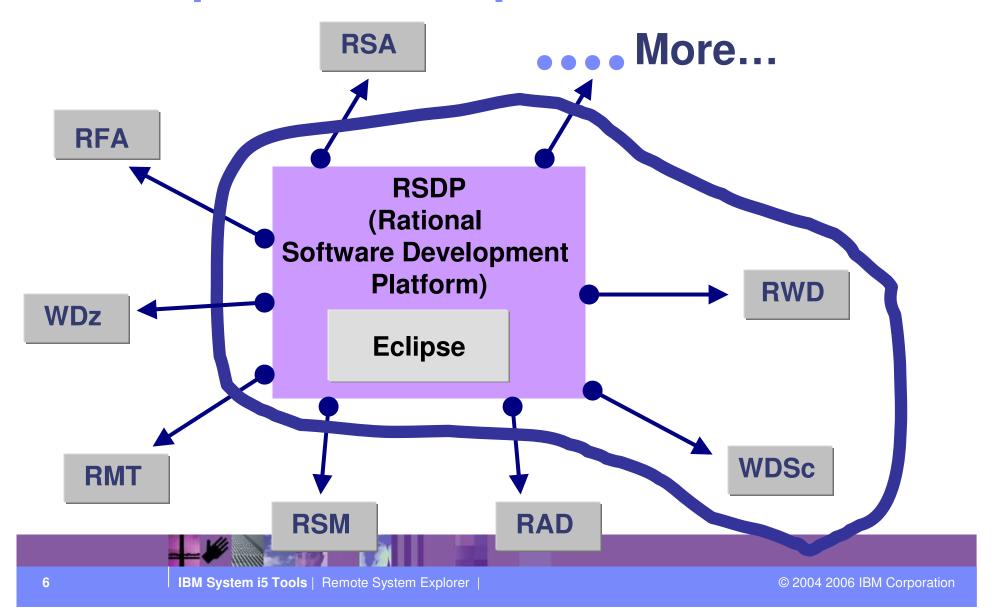
2002...

Now, there is RSE in WDSc!

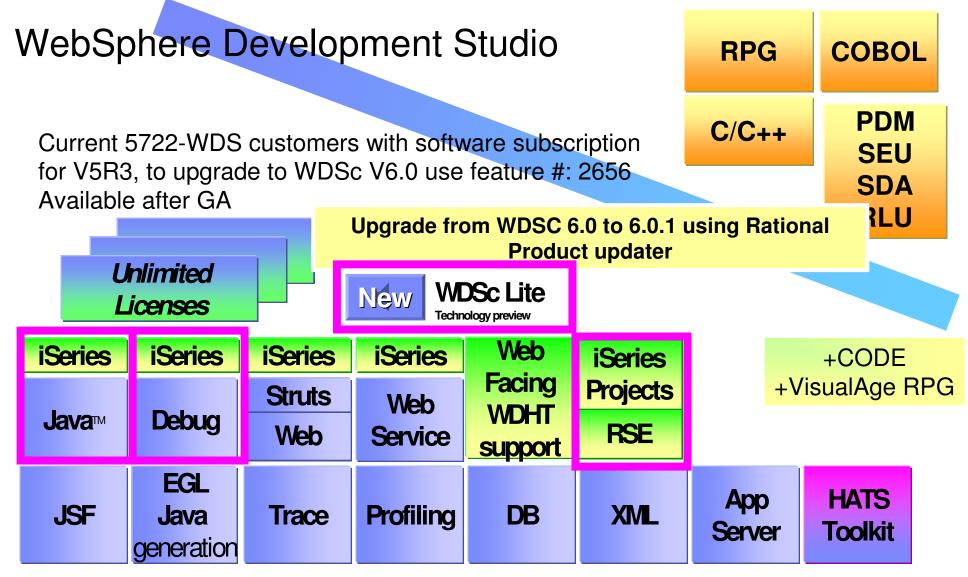




WebSphere Development Studio Client





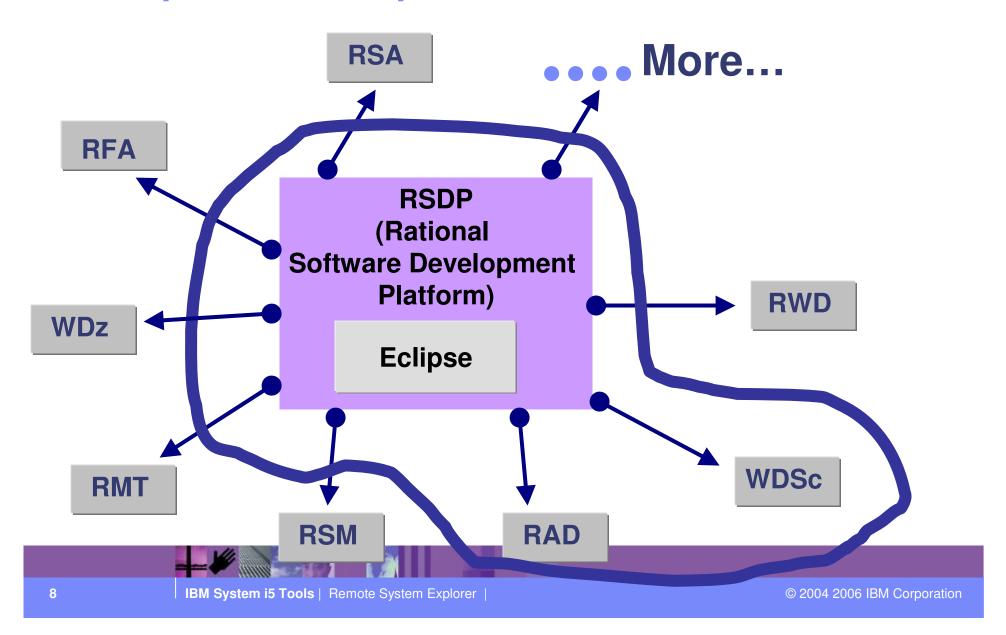


www.ibm.com/software/awdtools/iseries

WebSphere Development Studio Client V6.0.1 based on RWD V6

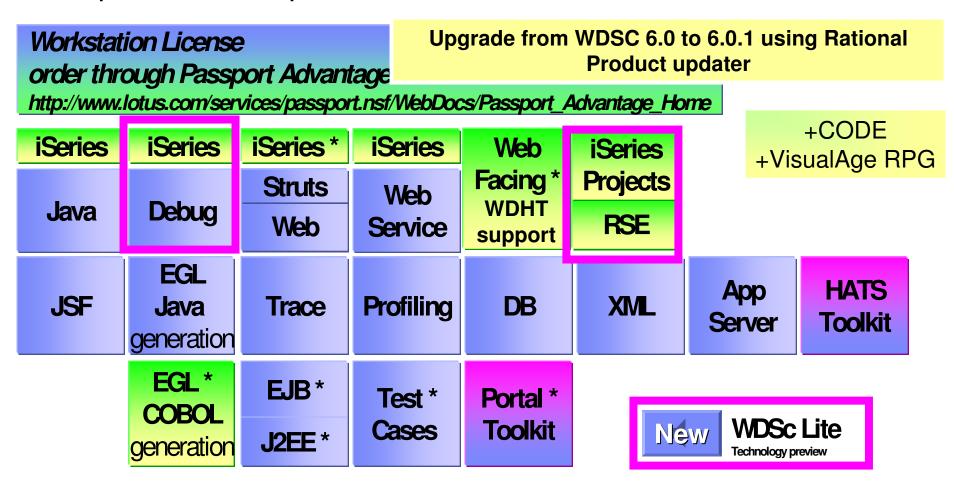


WebSphere Development Studio Client - Advanced





WebSphere Development Studio Client Advanced Edition 6.0.1

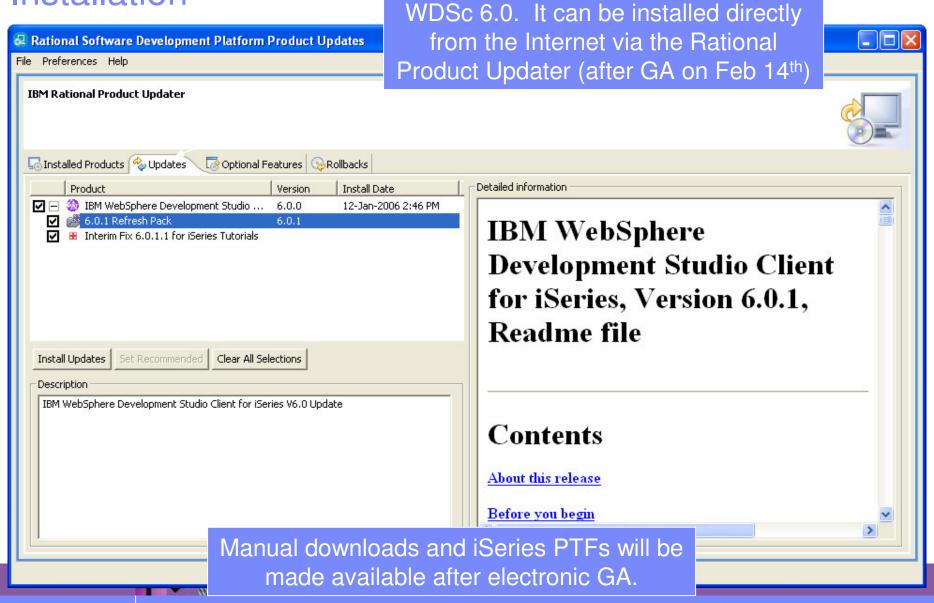


www.ibm.com/software/awdtools/iseries

WebSphere Development Studio Client V6.0.1 based on RAD V6



Installation



WDSc 6.0.1 is an electronic update to



WDSc Lite – Technology Preview

WDSc Lite is a slimmed down workbench with only the:

Eclipse workbench (branded as the Rational Software Development Platform)

Remote System Explorer

iSeries Projects

iSeries Integrated Debugger

- Requires only 256 MB RAM !!!
- Optional installation feature for 6.0.1

Must already have full WDSc 6.0.1 installed

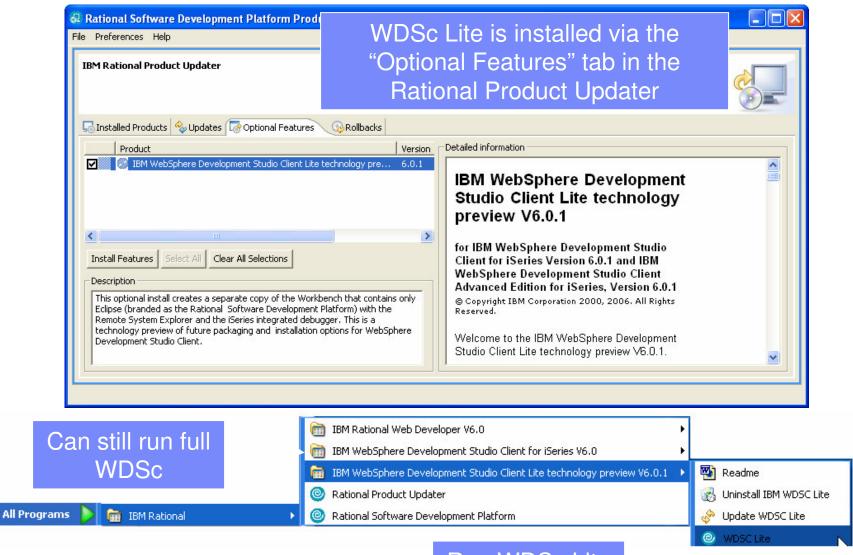
Creates a second copy of the workbench

Fully supported technology preview

Preview of future packaging directions ©



WDSc Lite - Installation and Startup

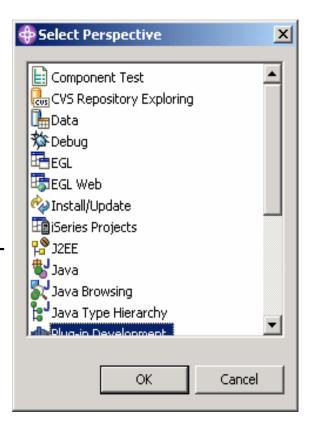






Eclipse User Interface – Select Perspective

- Users work with perspectives
 - Collection of editor and views
 - -Tools for a particular task
 - —Allows for role-based development
 - -Many perspectives are pre-supplied for specific tasks like Java, Web, XML, RPG/CBL
 - -Users can create their own perspectives
- The user interface is very Windows-like
 - -Eg: views can be re-sized and re-positioned through drag 'n drop





Eclipse User Interface – Perspective

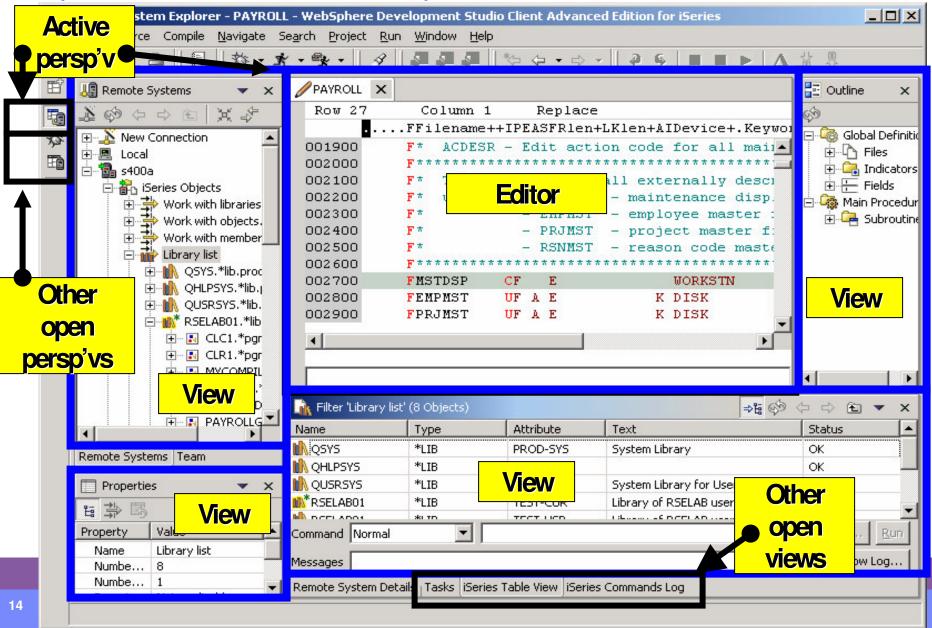




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Development Studio Client



Remote System Explorer

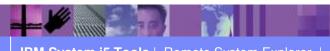
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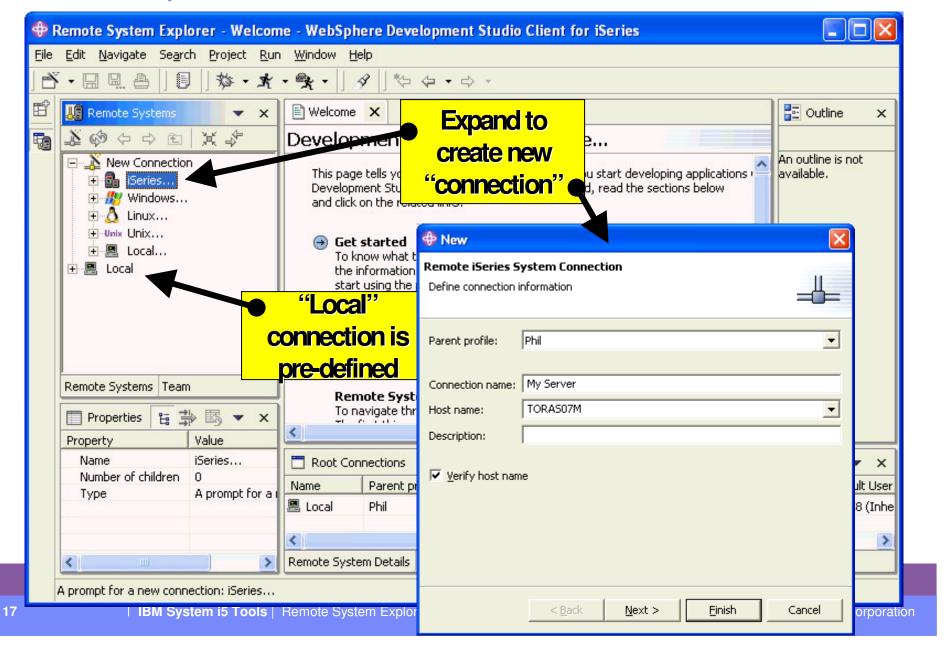


RSE Perspective – PDM Drill down, Filtered Access

- iSeries QSYS artifacts
 libraries, objects, members, records, fields, modules, etc
- iSeries Jobs
- iSeries IFS Folders and Files, and QShell Cmds
- Local Folders, Files and Cmds
- Remote Unix, Windows, Linux Folders, Files and Cmds

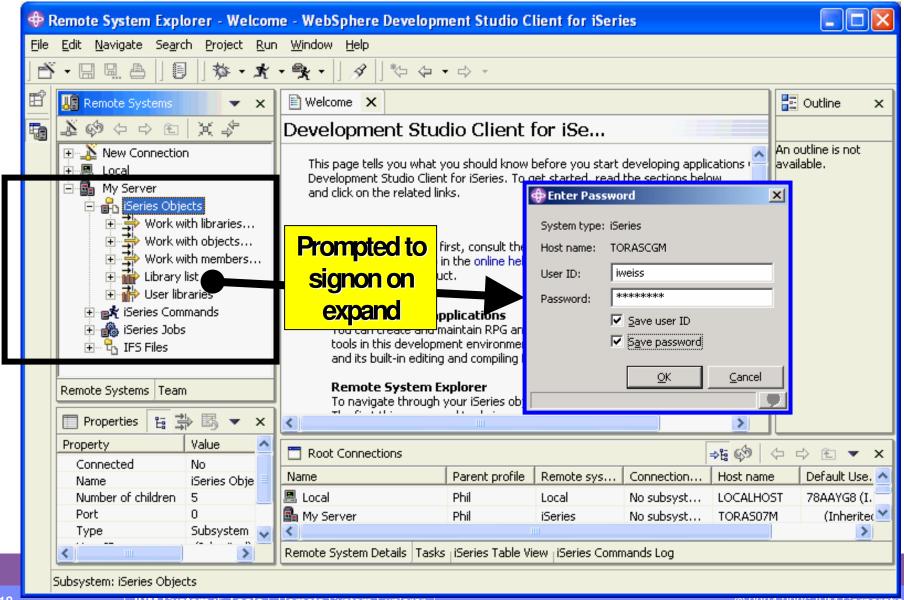


RSE Perspective



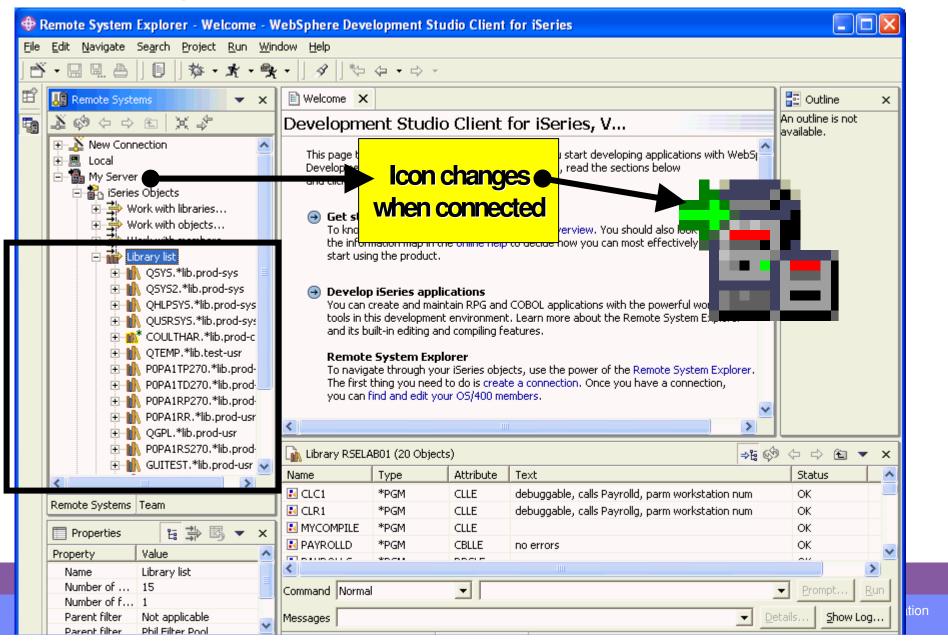


RSE Perspective





RSE Perspective





What is an RSE "Connection"?

- Represents a remote system
 Given an arbitrary name
 Multiple connections to one system permitted
- Contains environment info
 Such as library list and environment variables
 Specified in properties dialogs of connection
- Used in many Development Studio Client for iSeries tools
 - RSE, iSeries Projects, Java Tools, Web Tools, WebFacing

