## IBM Developer for z Systems – for ISPF Developers

Module 5 - Remote Systems - MVS Dataset Access & Organization



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## **UNIT**

## The IDz Workbench



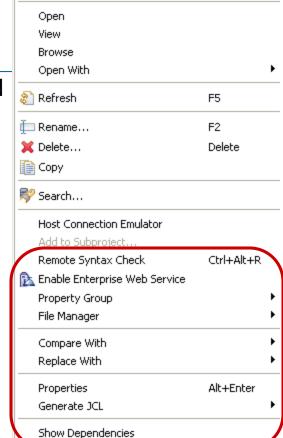
#### Topics:

- Accessing and Organizing MVS Datasets
- z/OS File Mapping and Property Groups
- Miscellaneous Remote Systems Capabilities



#### **Other Remote Systems Context Menu Features**

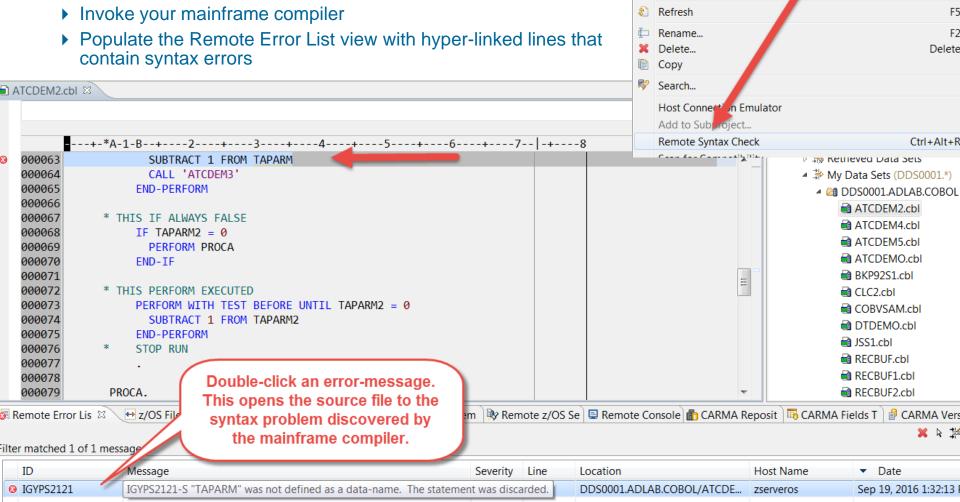
- When you have successfully setup your Property Group and associated it with MVS Files experiment with these options
  - Show Dependencies
    - DDS0001.TEST.COBOL(TRTMNT)
  - Compare With
    - DDS0001.TEST.COBOL(IDAT1) and IDAT10S
  - **▶** Replace With
    - Open IDAT1 and make a trivial source change
    - Close and Save your change
    - Try out Replace With → Local History...
  - ▶ Generate JCL
    - Generate compile/link JCL for TRTMNT
    - Submit and Locate the Job
    - Double-click the Job (in JES Retrieved Datasets) to open the spool file in the editor
  - **▶** Remote Syntax Check
    - IDAT1
  - ▶ Individual program Search
    - DDS0001.TEST.COBOL(BNCHS601) use Regular expression: (MOVE.\*PATIENT-ID)
      - Find all lines with MOVE and PATIENT-ID on them





# Remote Syntax Check

- Right-Click over a program in Remote Systems and select: **Remote Syntax Check**
- This will:



📇 Remote Systems 🕮

MVS Files

Go To

Open

View Browse

Open With

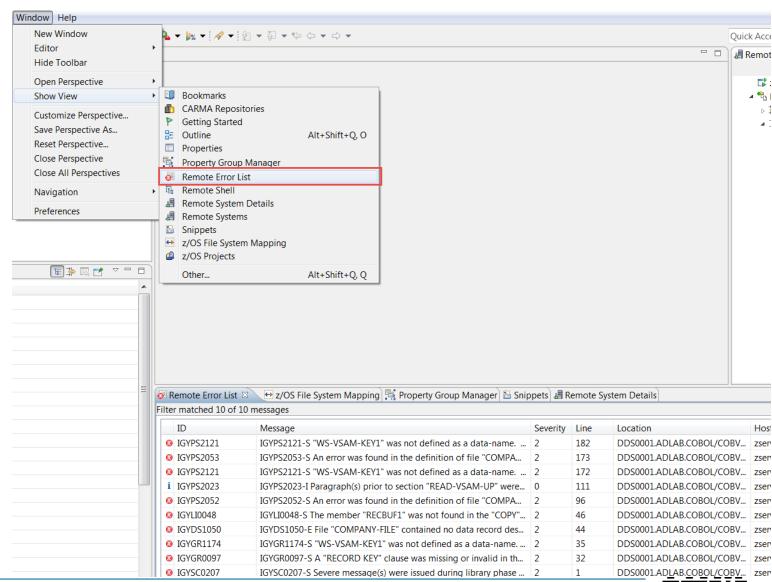
z/OS UNIX Shells

→ Retrieved Data Sets
→ My Data Sets (DDS0001.\*)
→ DDS0001.ADLAB.COBOL
→ ATCDEM2.cbl

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#### **Viewing Remote Syntax Check Errors**

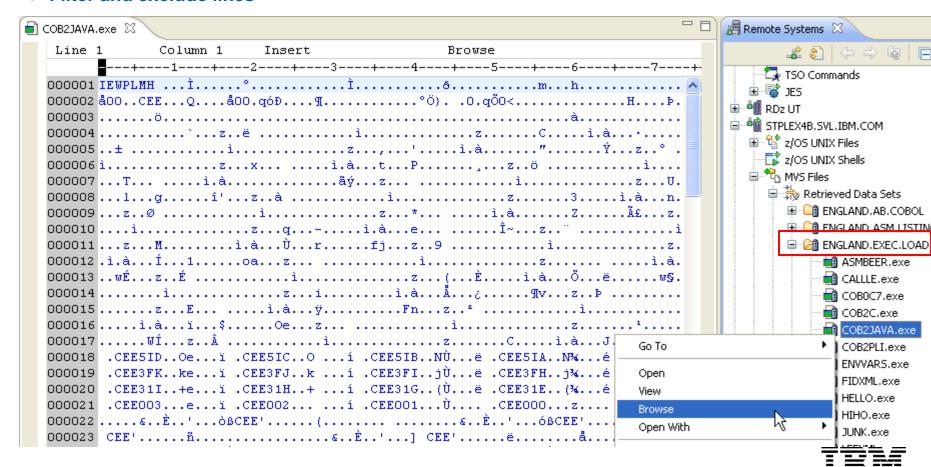
• In order to view any errors discovered by Remote Syntax Check – you must explicitly open the Remote Error List view. This is done from: Window → Show View →

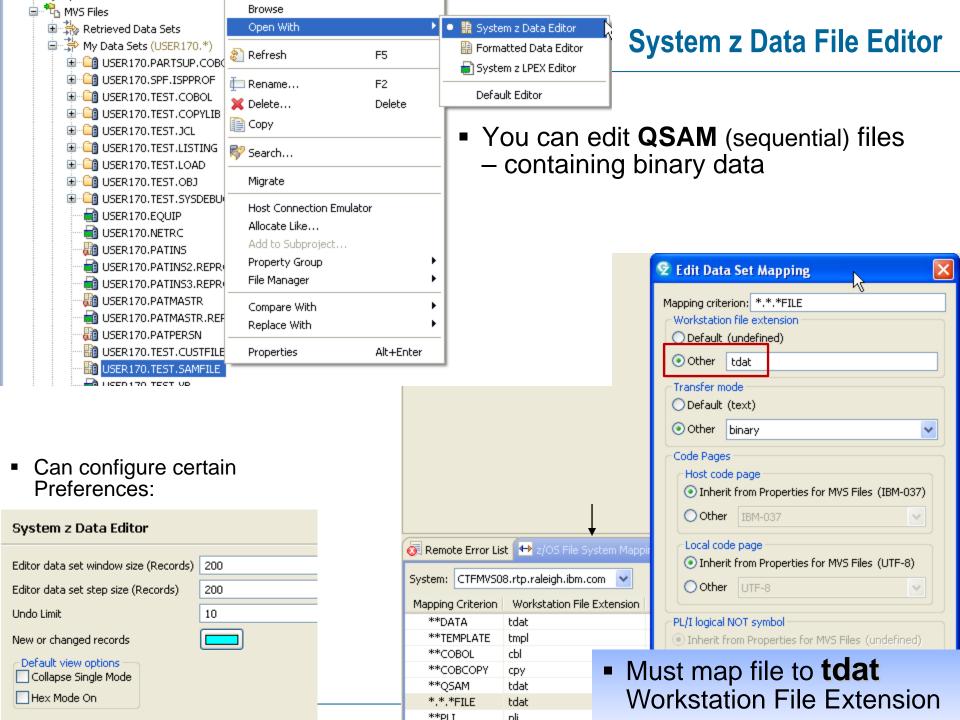


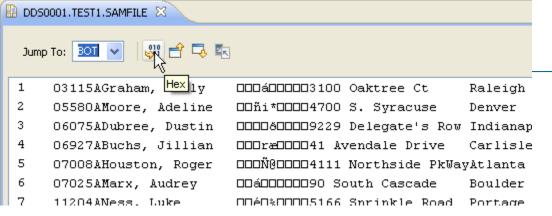
#### **Browse Load Module**

#### Using IDz you can:

- ▶ Browse a load module
- Scroll and search
- Open multiple load modules in multiple windows
- View in Hex
- Filter and exclude lines







🔡 DDS0001.TEST1.SAMFILE 🔀

<⊅Undo

♥ Redo

Cut

Сору

Paste

Delete

Add Record After

Exclude Record(s)

Add Record Before Ctrl+Alt+Shift+B

Ctrl+Alt+Shift+A

Ctrl+X

Ctrl+V

Delete

5

8

9

11

12

13

Jump To:

## **System z Data File Editor - Options**

Full Screen

O3 TOP FFFFFCC\\$88964C999A4444002430000FFFF4D89A9884CA44444D8988884 1 031151791814B08633800000055C0001310006123955033000009135978( 2 05580AMoore, Adeline □□ñi\*□□□□4700 S. Syracuse 2 FFFFFCD999864C889898444004850000FFFF4E44EA988AA84444C89A894 2 05580146695B014539550000099C0003470002B02891342500004555590( 3 06075ADubree, Dustin □□□□ö□□□□9229 Delegate's Row Indiana; 3 FFFFFCCA898864CAAA89444001280000FFFF4C89888A87A4D9A4C9888989 3 060751442955B04423950000099C00019229045357135D2096609549151 000041 Avendale Drive Carlisle

□□□á□□□□□3100 Oaktree Ct

DDDD4111 Northside PkWayAtlanta

DDDD5166 Sprinkle Road Portage

□□□□3039 Cornwallis RoadBoone

DDDD1551 S. Washington Dowagiac

Boulder

South Per

North Per

Springfie

Frankfurt

DDDD90 South Cascade

DDDD125 Nicholson Rd

D□□□498 Oak Grove Rd

D□□□Hahnstrasse 46

DDDD221 Yale Rd

Hex Edit

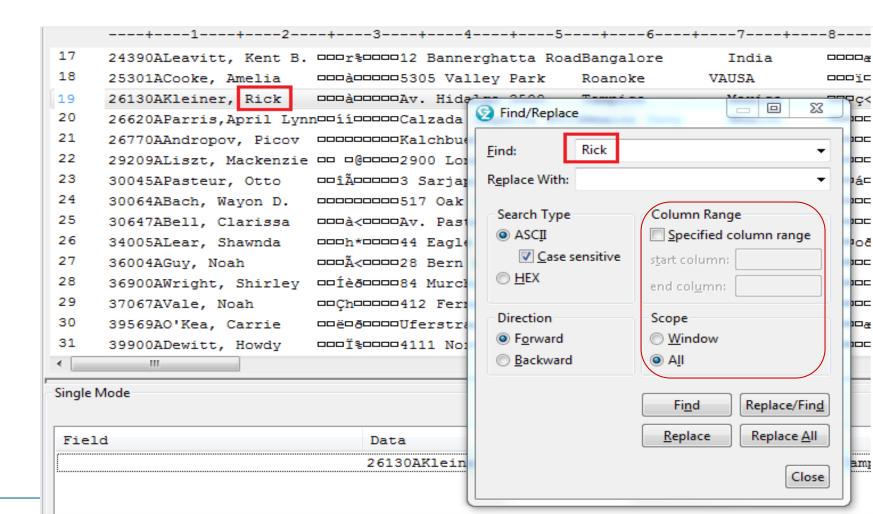
Easy record navigation

Several standard record editing features



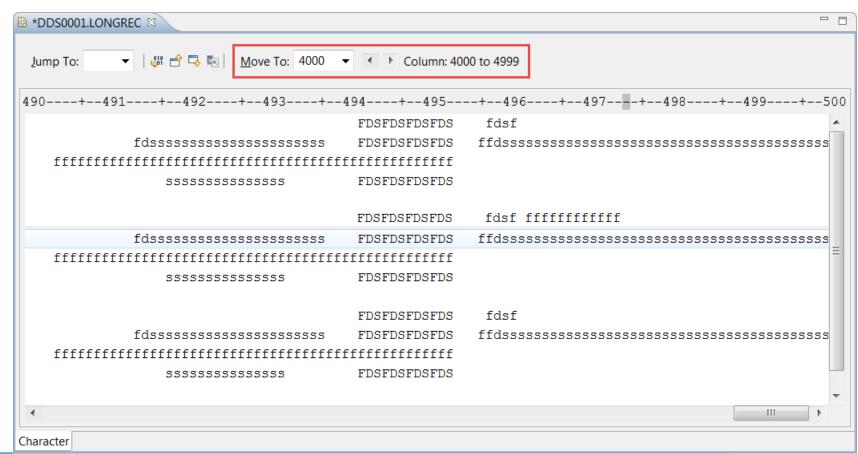
#### Find/Replace in System z Data File Editor

- You can search and/or replace data in ASCII or HEX
  - Found word will be highlighted with light gray background color
- Can also search within a column range, within various record scope, forward/backward, etc.



#### Editing Data Files with Long LRECLs - IDz v14.1.1

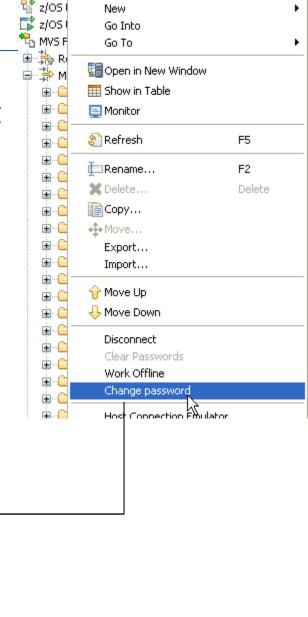
- You may have data files with long LRECLs
- Prior to v14.1.1 the Data File Editor was limited to 1,000 byte LRECLs
- Starting with v14.1.1 you can now edit files with long LRECLs
  - Use Jump To: to navigate thru the records within a file
  - Use the Move To: to navigate within a Record



#### **Change Password**

- You can change your mainframe password anytime from the Remote Systems Context Menu
  - Select your named connection
  - Select Change password





DemoMVS

