TPF Users Group - Fall 2009
TPF Toolkit Updates

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AIM Enterprise Platform Software
IBM z/Transaction Processing Facility Enterprise Edition 1.1.0

Updates

- **Interim Fixes**

  - Interim Fix V3.4.3

  - Interim Fix V3.4.4

  - Interim Fix V3.4.4.01

TPF Toolkit V3.4.3

- **New Single Source Rules**

  - PJ29640o

    - Flag all Store instructions that are part of a Store and Load instruction pair and use a direct reference to CSTKLBAS to save the code base when R8 is not the base register

  - OTRBITVa

    - Flag all bit variables that are declared as integer types

  - OTRBITVb

    - Flag all bit variables that are declared as integer types within structures or unions

  - OTRSCANa

    - Flag instances of the scanf, sscanf and fscanf functions where a hyphen character is found that is not adjacent to the left or right square bracket enclosing the scanset parameter

TPF Toolkit V3.4.3

- **Updated rules**
  - PJ29640h
  - PJ29640k
  - PJ29575a
  - OTRLONGb
  - OTRCASTa

TPF Toolkit V3.4.3

- **IDE Updates**
  - Menu Manager allows remote event files to be specified for local actions
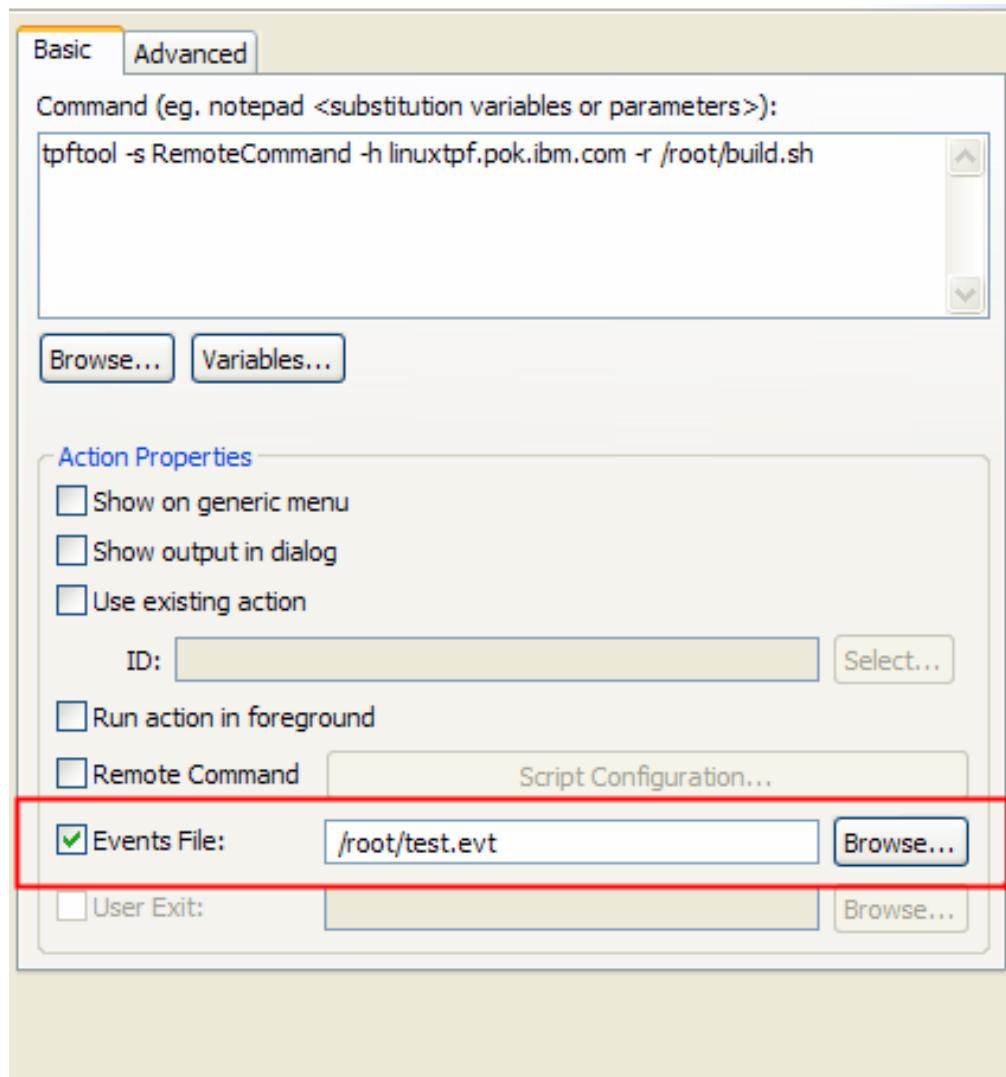
TPF Toolkit V3.4.3

- **IDE Updates**

  - Build script conversion wizard handles *.bsc files with sequence numbers

  - Performance improvements in the 3-way merge tool

TPF Toolkit V3.4.3

- **MakeTPF updates**
  - All settings with a YES or NO value on the TPF Make Configuration property page can now also be set to blank.
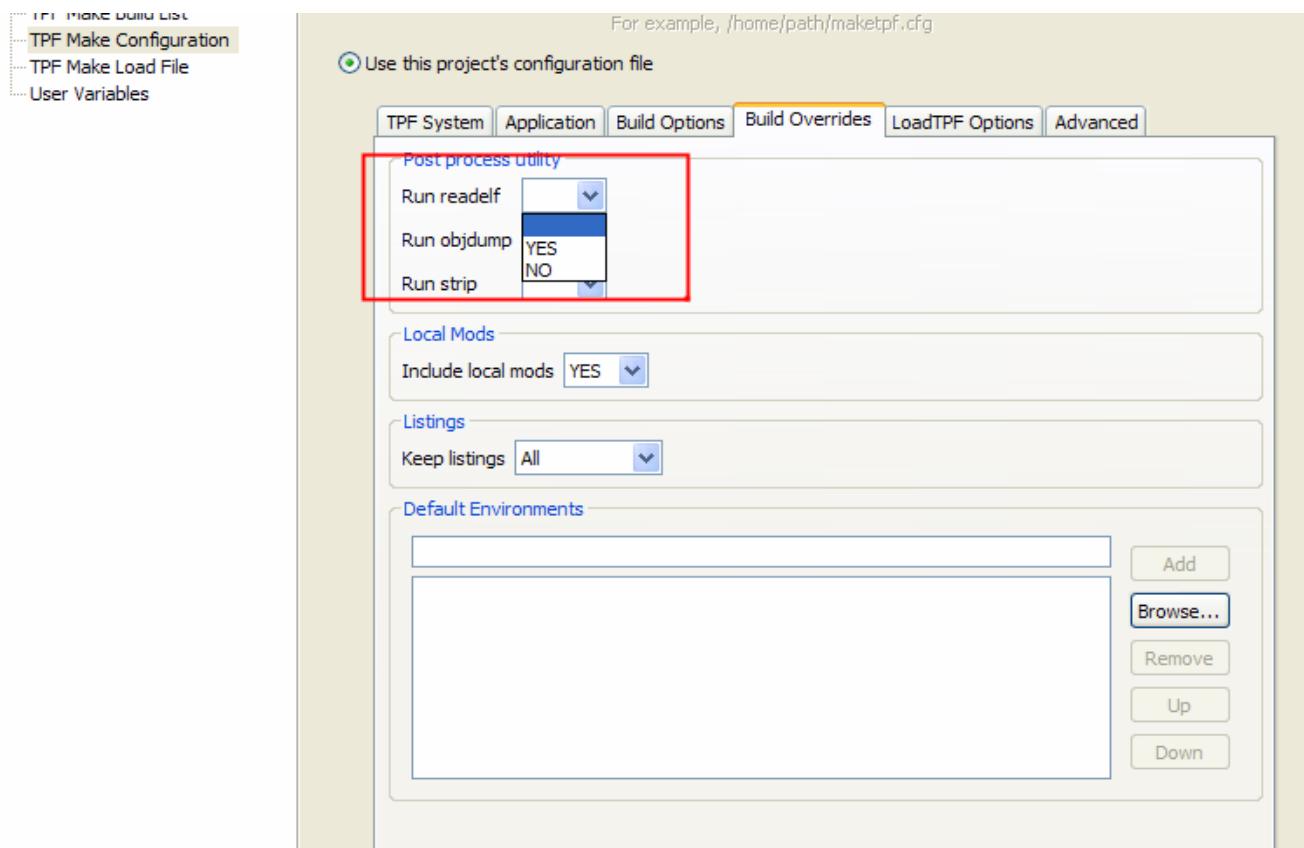
TPF Toolkit V3.4.3

- **Debugger updates**
  - TPF Malloc view

Interim Fix V3.4.3

- **Debugger updates**
  - Custom Debug Registration

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TPF Toolkit V3.4.4

- **New Single Source Rules**
  - PQ79120a
    - Flag uses of INLINE and FAST keywords in DBADD and DBRED macros
  - PQ79120b
    - Flag uses of DFADD_INLINE, DFADD_FAST and DFRED_FAST keywords in the dfadd and dfred functions
  - OTRPDSCb
    - Flag header file names that have mixed-case characters in #include statements
  - OTRPDSCc
    - Flag header file names with missing extensions in #include statements within .c or .h source files
  - OTRPDSCd
    - Flag header file names with missing extensions in #include statements within .cpp or .hpp source files
  - OTRPDSCe
    - Flag header file name extensions that have any uppercase characters or trailing periods

TPF Toolkit V3.4.4

- **Updated rules**
  - PJ29593g
  - PJ29980a
  - PJ32183a
  - PJ32183b
  - PJ32183d
  - OTRASCLa
  - OTRLCALa
  - OTRLCALc
  - OTRLCALb
  - OTRPACKa
  - OTRPACKb
  - OTRPACKc

  - OTRPRAGb
  - OTRPRAGc
  - OTRWDCTa
  - OTRWDCTb
  - PJ33086a
  - OTRREGSa
  - OTRREGSb
  - OTRSEQNb
  - OTRPDSCa

TPF Toolkit V3.4.4

- **IDE updates**
  - Remote Index Search function can be controlled from the Administration preference page
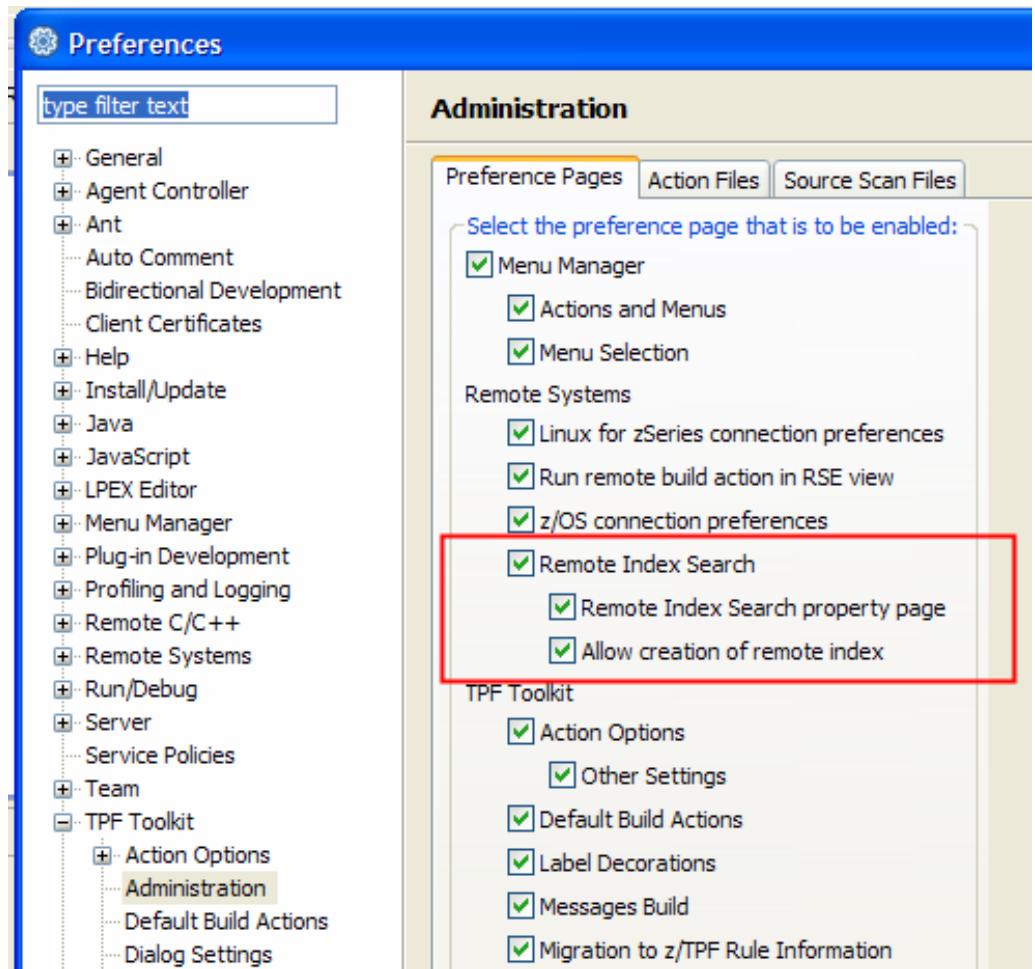
TPF Toolkit V3.4.4

- **IDE updates**
  - TPFTool CreateRSE and ModifyRSE services have been enhanced to allow a remote index location

```
tpftool -s CreateRSE -c linuxtpf.pok.ibm.com -h
  linuxtpf.pok.ibm.com -sys zLinux -remoteIndexLocation
  /root/index
```

```
tpftool -s ModifyRSE -oldConnectionName
  linuxtpf.pok.ibm.com - remoteIndexLocation
  /root/new_index
```

TPF Toolkit V3.4.4
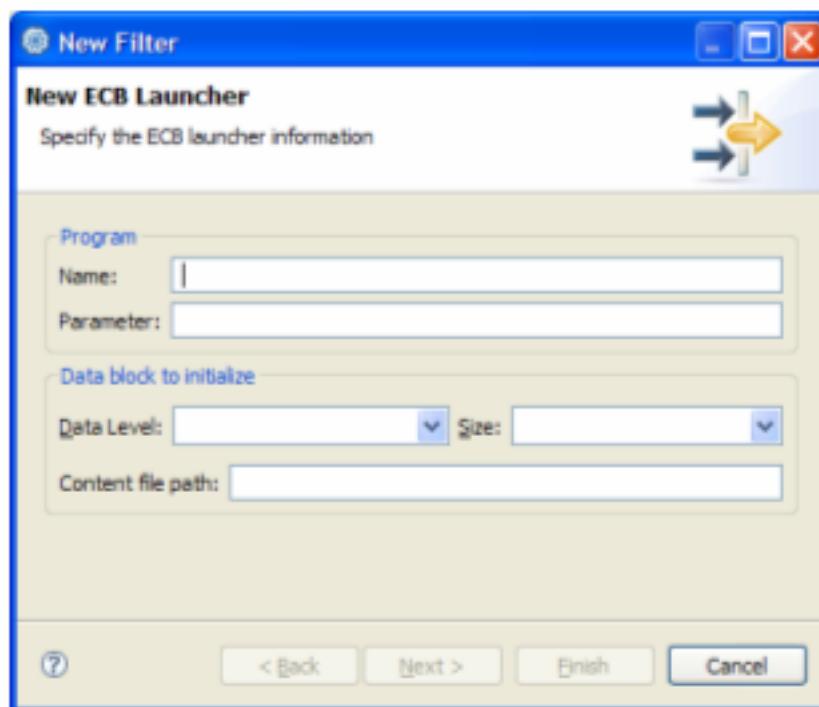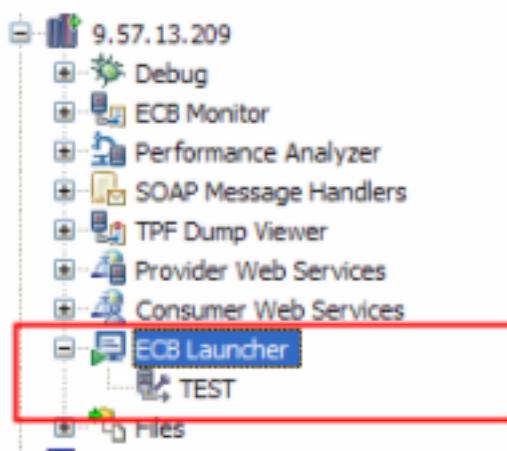
TPF Toolkit V3.4.4

- **Debugger updates**
  - ALASC view

TPF Toolkit V3.4.4

- **Debugger updates**
  - DETAC view

TPF Toolkit V3.4.4

- **Debugger updates**

  - Improved watchpoint support
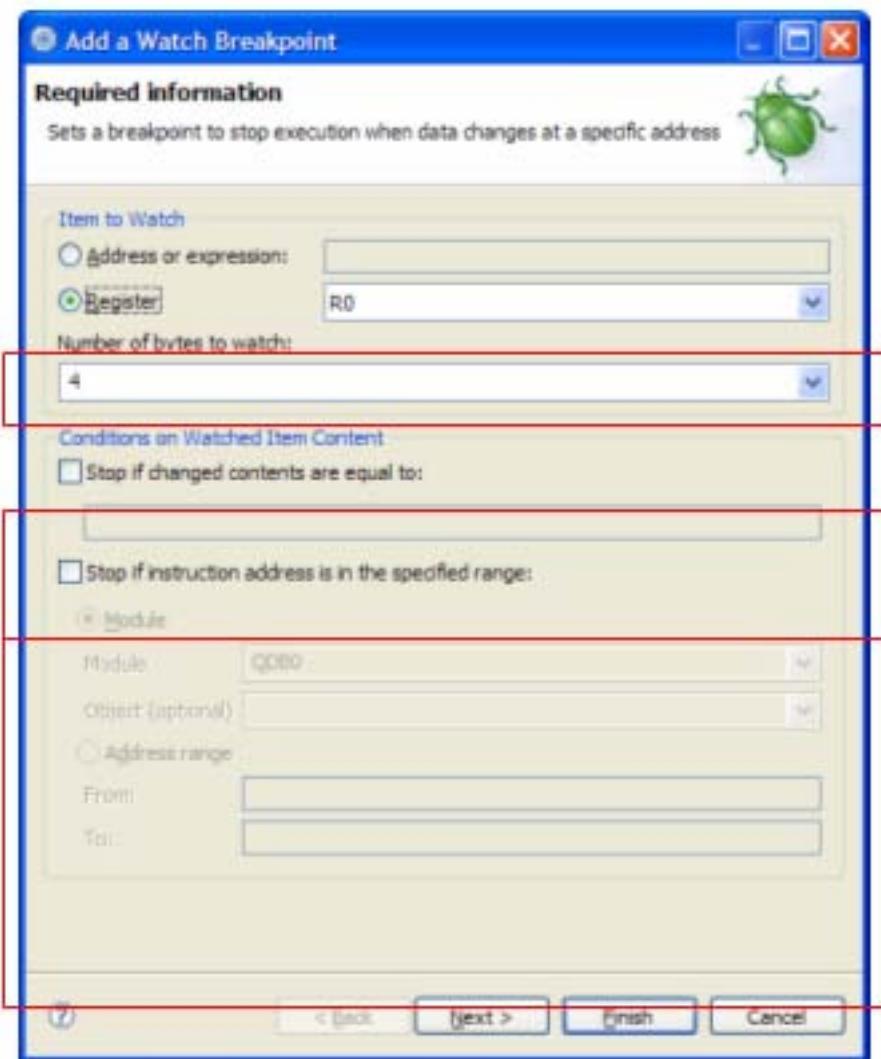
TPF Toolkit V3.4.4

- **Debugger updates**
  - New Trace Log Editor
    - Syntax highlighting
    - Outline view

TPF Toolkit V3.4.4.01

- **Debugger fixes**

A look into the future…

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Trace Log Editor : Filtering

- **Filter by macro or function**
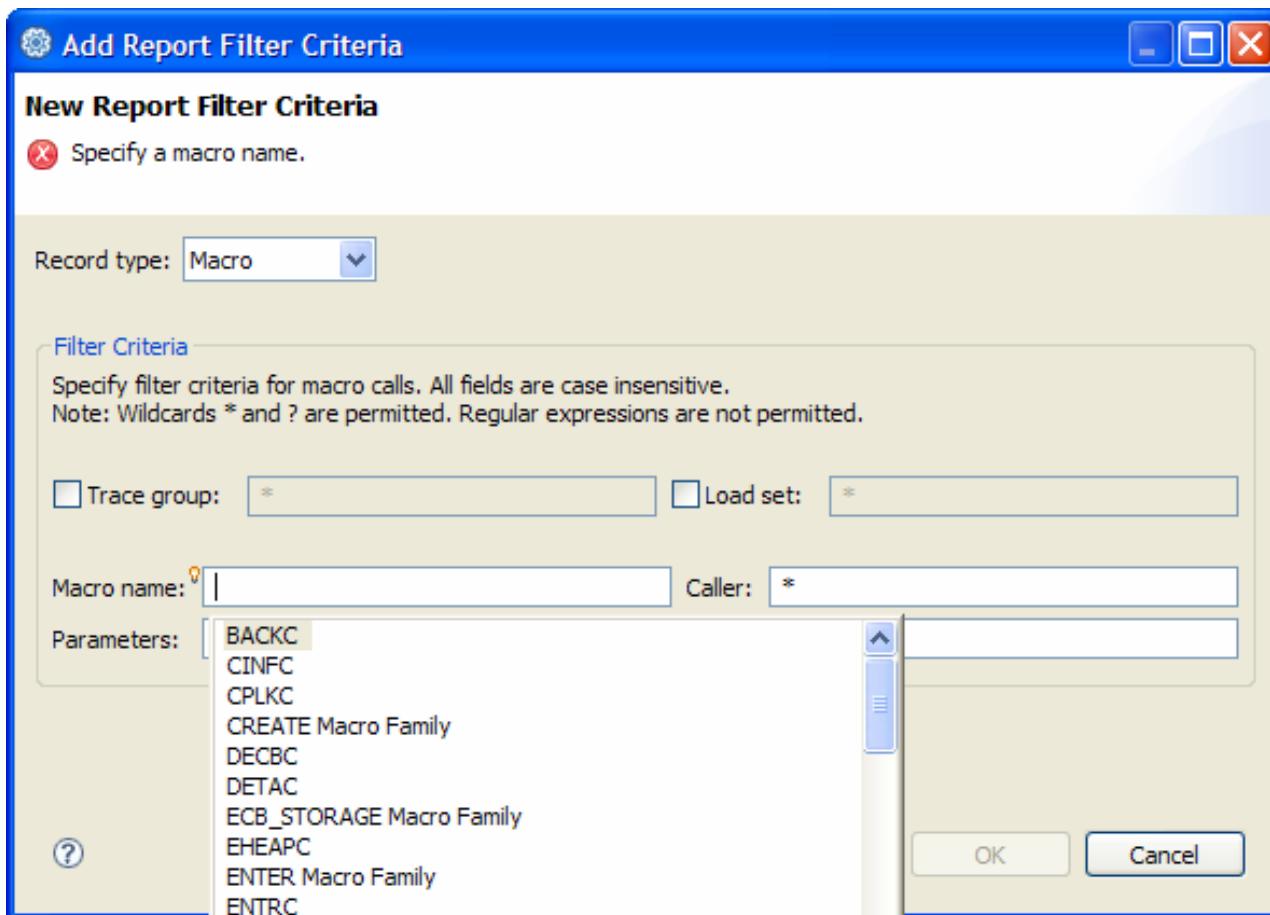
Trace Log Editor : Filtering

- **Example: Filter by BACKC macro where the caller is QDB3**
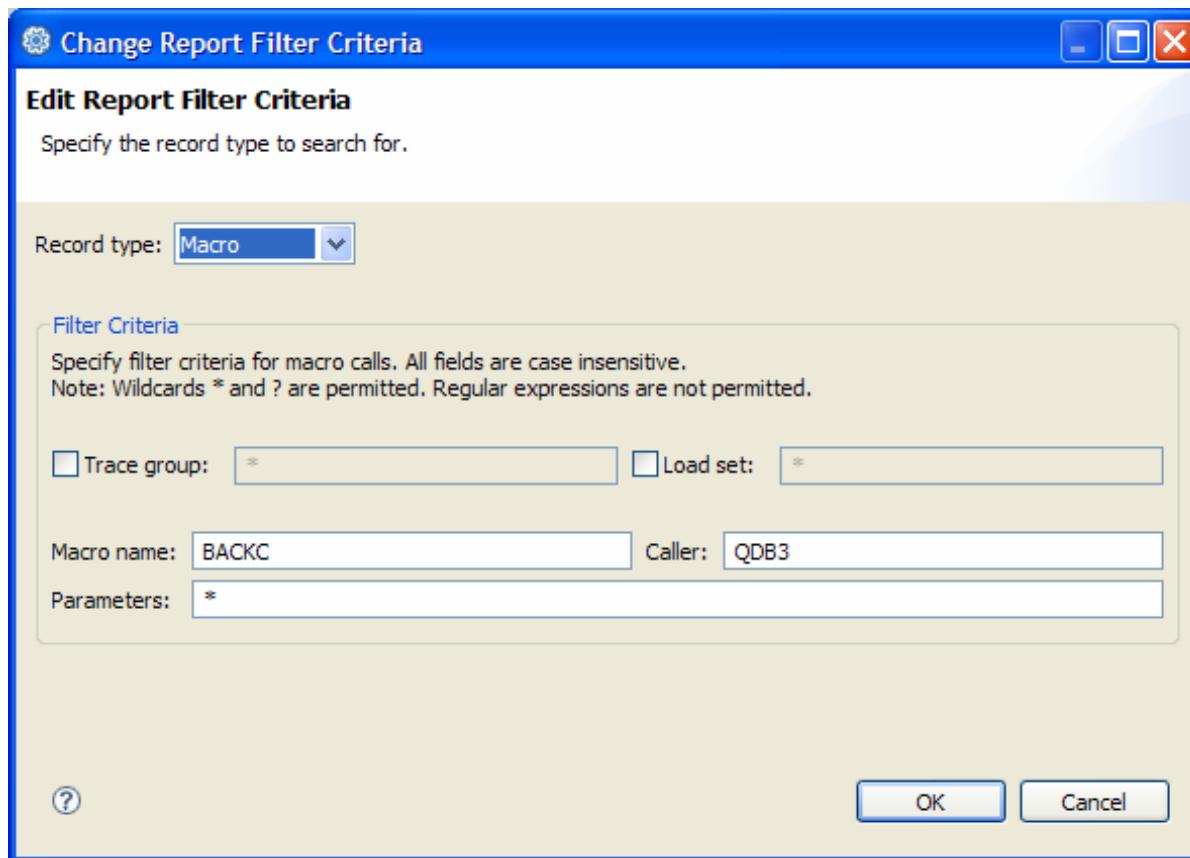
Trace Log Editor : Filtering

- **Example: Filter by BACKC macro where the caller is QDB3**
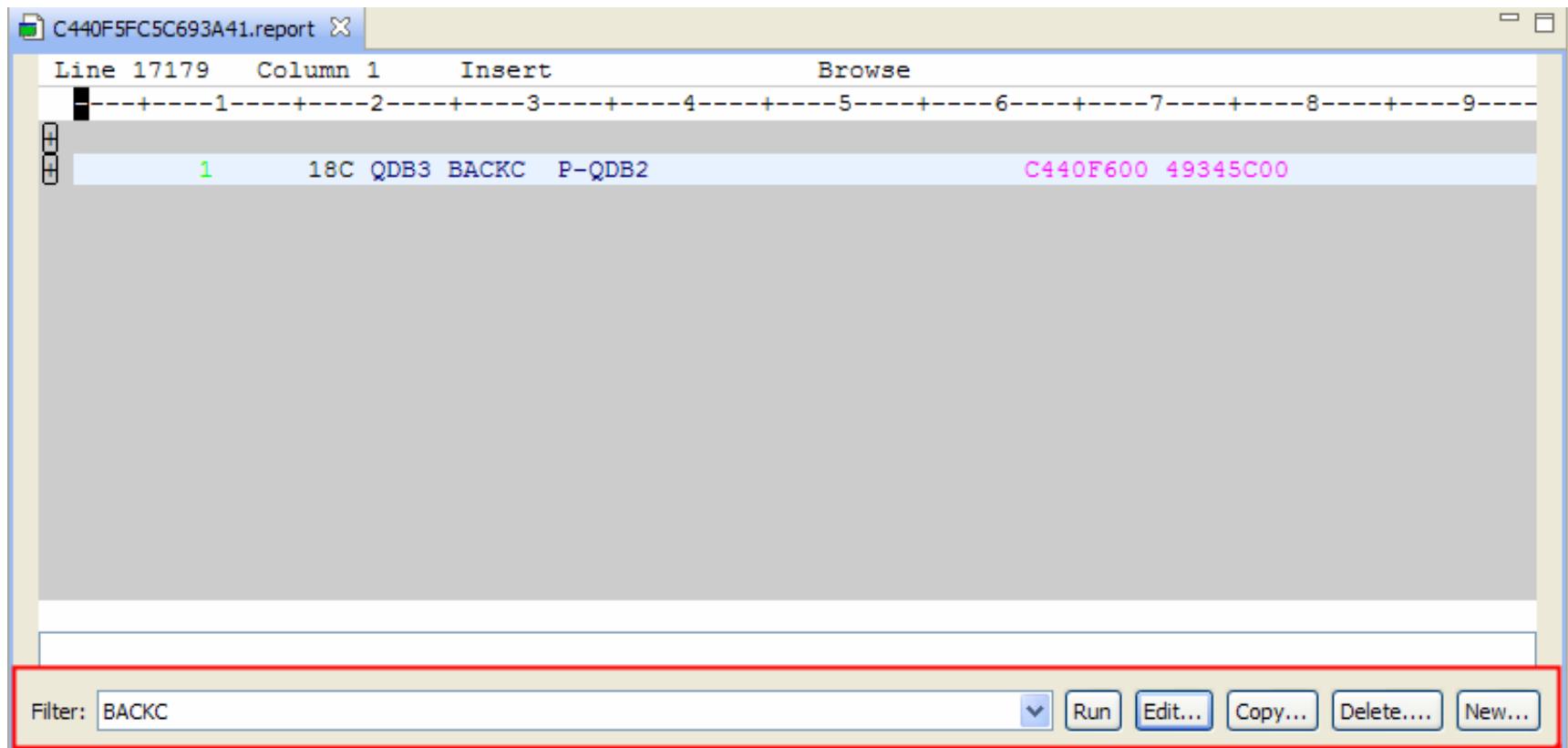
Terminal Emulator

- **Supports connection to z/OS, Linux on System z and TPF systems.**
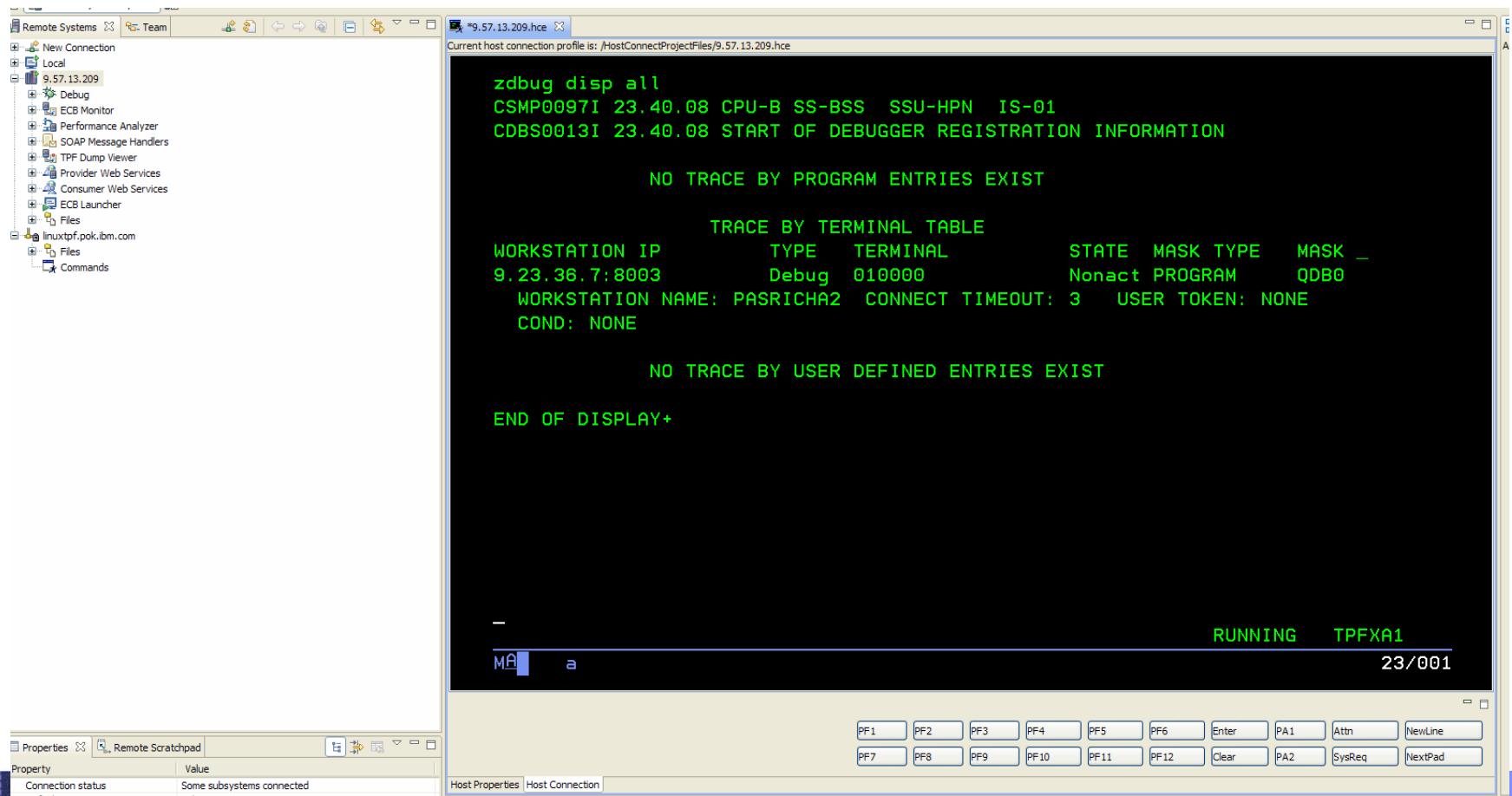
Terminal Emulator

- **Connections to multiple systems can be active at the same time**
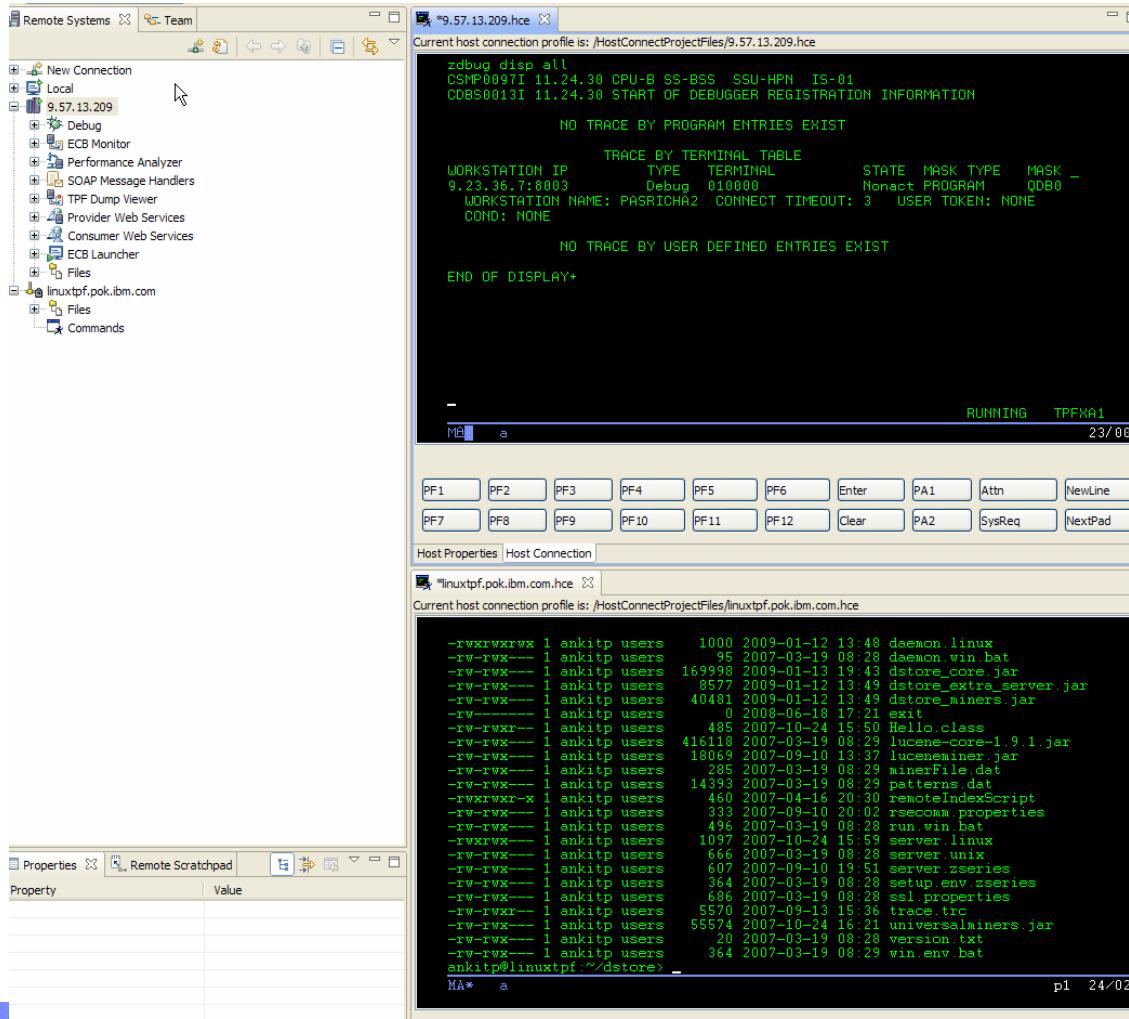
Terminal Emulator

- **Record and playback macros**

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