TPF Users Group - Spring 2009
TPF Toolkit Updates

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

Updates

- **TPF Toolkit V3.4**

- **Interim Fixes**
  - Interim Fix V3.4.1
  - Interim Fix V3.4.2

- **TPF Toolkit V3.2.8**

TPF Toolkit V3.4

- **Based on Eclipse 3.4.2**

- **TPFUG requirements**

  - V07007F - Allow user chance to save file before running action

  - V06012F - Provide project rename user exit

  - V06009F - Override for User Unique Macro Definitions

  - V07004F - SSH Timeout value

  - V08003S - Show Canonical Path in TPF Toolkit file properties view

  - V07003F - 3-Way Merge Tool

  - V07005F - Additional HFS File Data

TPF Toolkit V3.4

- **Consumer Web Services**
  - New wizard to create Consumer Web Service Deployment Descriptor

TPF Toolkit V3.4

- **Consumer Web Services (continued)**

  - New action to create Consumer Web Service stubs

  - Configurable stub code templates in TPFSHARE

    - tpf_ws_stub_template.c
    - tpf_ws_stub_template.h
    - tpf_ws_stub_makefile_template.mak
    - tpf_ws_stub_fault_template.c
    - tpf_ws_stub_req_template.c
    - tpf_ws_stub_resp_template.c
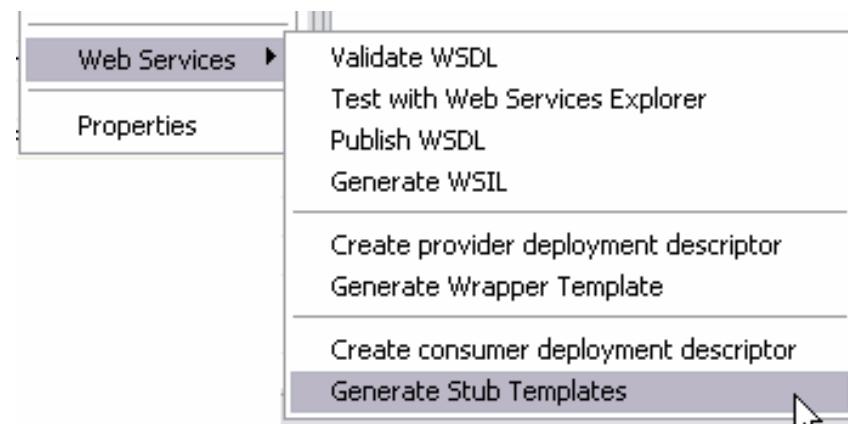
TPF Toolkit V3.4

- **Consumer Web Services (continued)**

  - New RSE subsystem to list and manage Consumer Web Service resources
    - Add
    - Remove
    - Deploy
    - Undeploy
    - Details (opens DD file in editor)
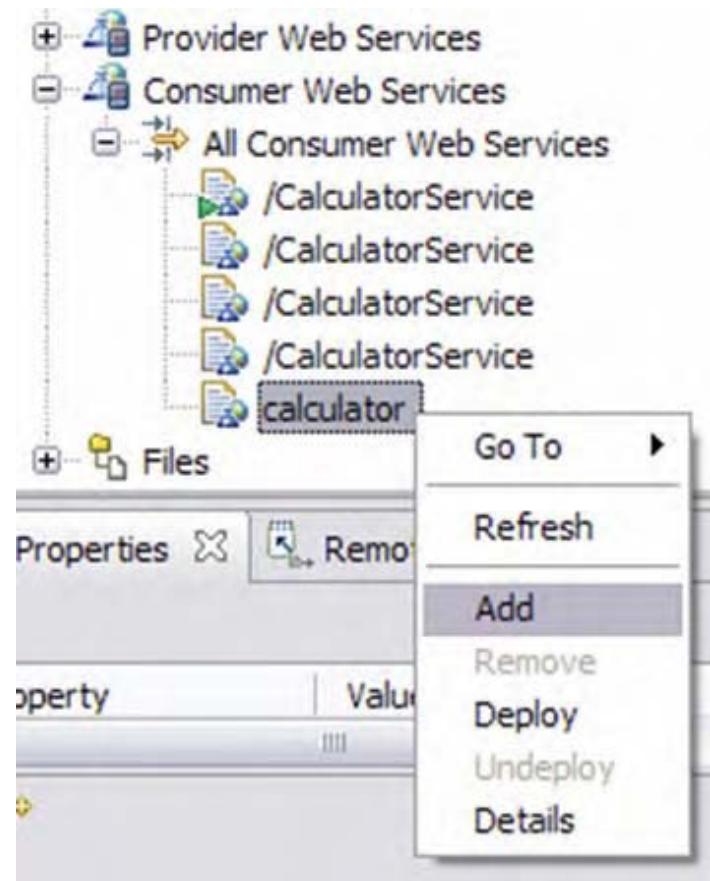
TPF Toolkit V3.4

- **Editor updates**
  - New C/C++ editing functionality in LPEX editor
    - Migrated functionality previously only available in Remote C/C++ editor
    - Open Definition, Open Declaration, Open Header File actions
    - Auto-save (configurable save interval)
   - Enhanced syntax highlighting for keyed parameters
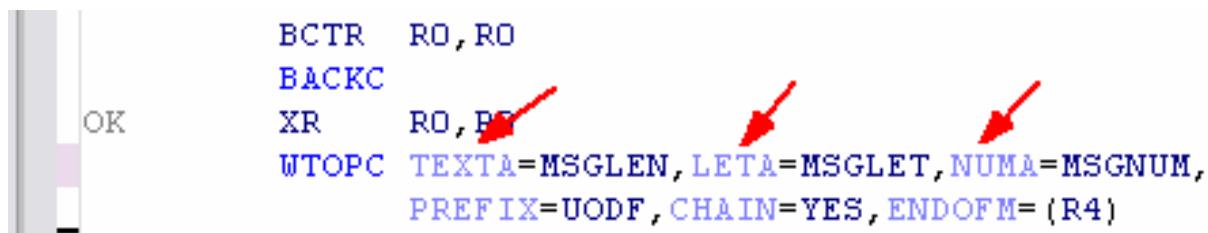
```
        BCTR   R0
        BACKC
OK      XR     R0
        WTOPC  T
               P
```

TPF Toolkit V3.4

- **Editor updates (continued)**
  - Enhanced syntax support for ASM programs
    - Hover on macro shows syntax
    - Error marker annotation for incorrect syntax
    - Quick fix for syntax error
    - Easy navigation of errors via vertical ruler
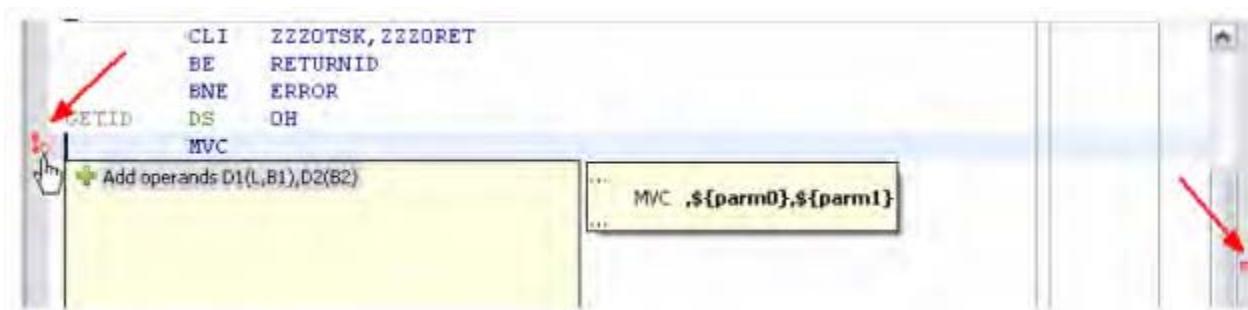
TPF Toolkit V3.4

- **Editor updates (continued)**
  - Template support
    - Predefine templates in preference page
    - Create templates using selected text in editor
    - Content assist to insert templates

TPF Toolkit V3.4

- **Maketpf updates**

  - ASM error feedback in Remote Error List

  - New stub generation actions for project stubs, TPF stubs, USR stubs

TPF Toolkit V3.4

- **RSE update**
 - Files subsystem for TPF connections
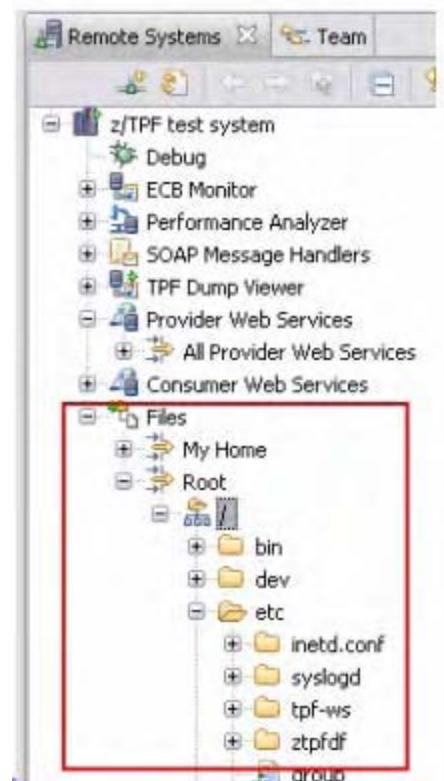
TPF Toolkit V3.4

- **Menu Manager updates**
  - New prompt variables
    - &PROMPT_LIST
    - &PROMPT_BOOL_LIST
 - Content assist for variables in New Action wizard

TPF Toolkit V3.4

- **Single Source Updates**
  - CPP Type Usage Rule Template
   - Select multiple types
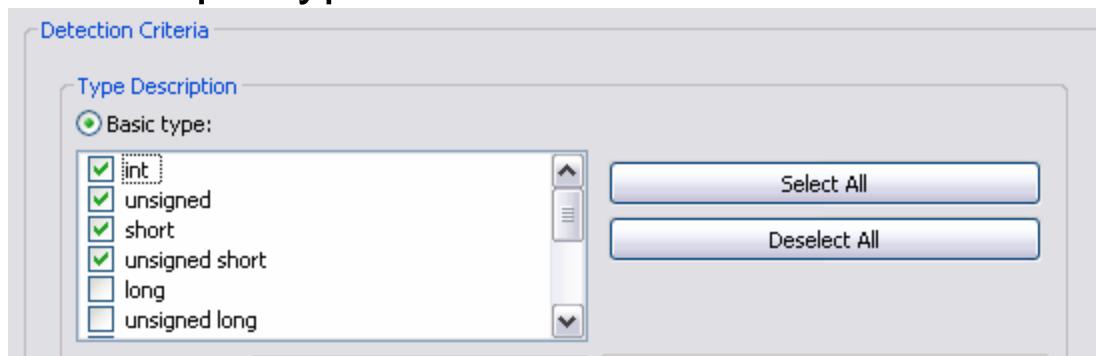
  - HLAsm template
    - Change label in fix

TPF Toolkit V3.4

- **Single Source Updates**
  - Remove ignore annotations for edited lines
  - Find rules
  - Create a rule from an existing one
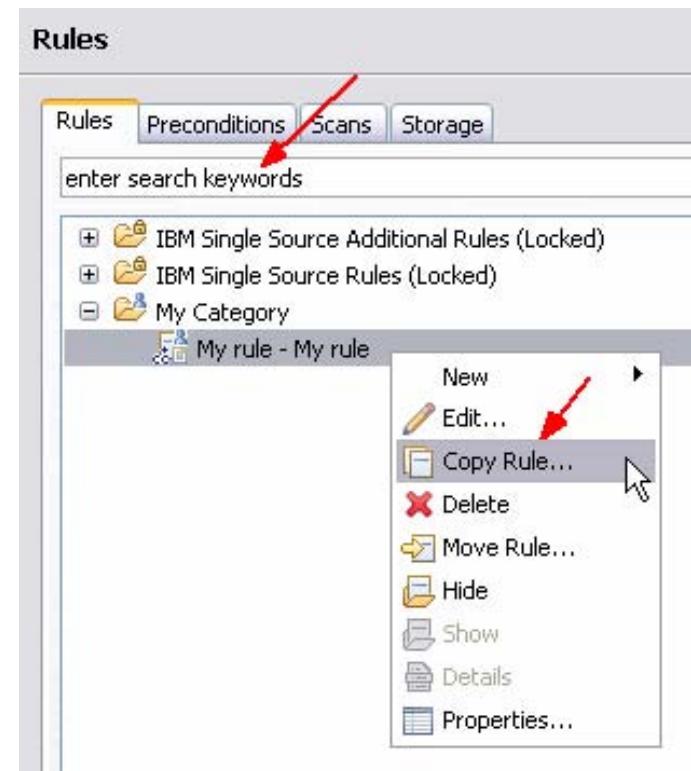
TPF Toolkit V3.4

- **Debug Registration updates**

  - New registration types

    - Function
    - System Error
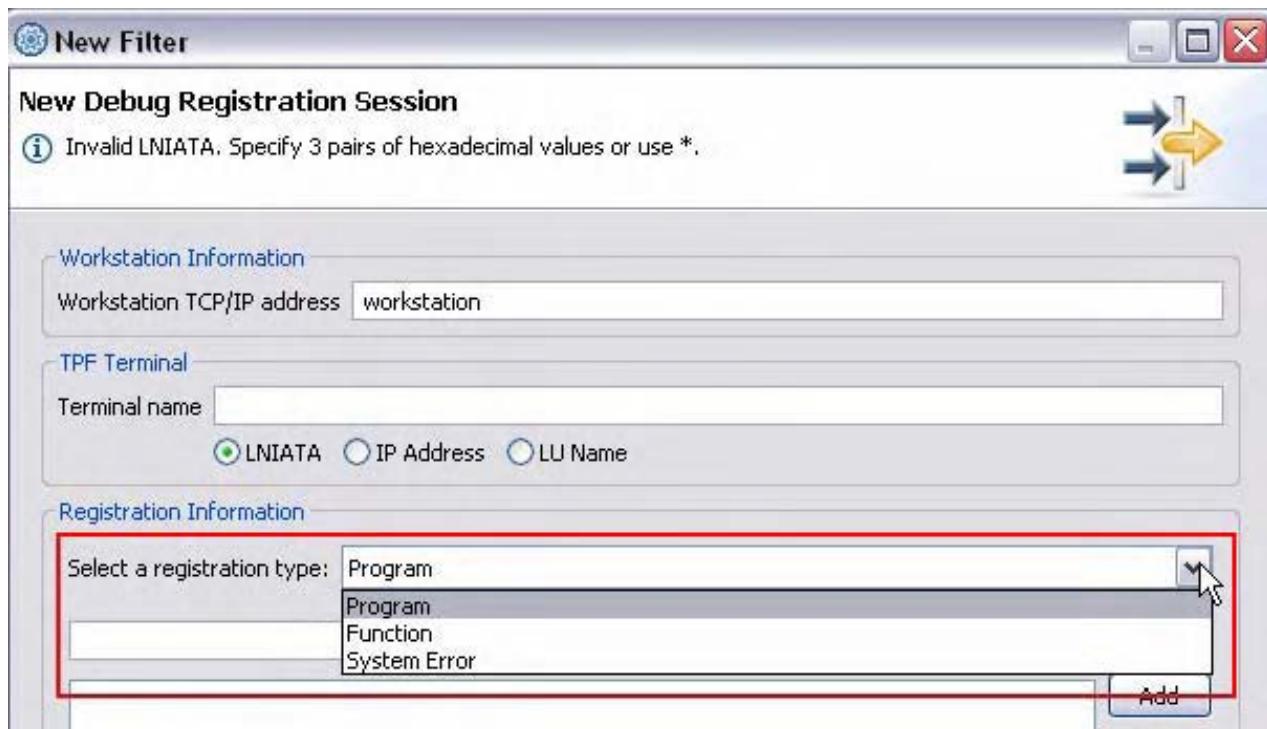
TPF Toolkit V3.4

- **Debug view configuration files**
  - Predefine list of XML mapping files for debug views
  - Select configuration for each debug session
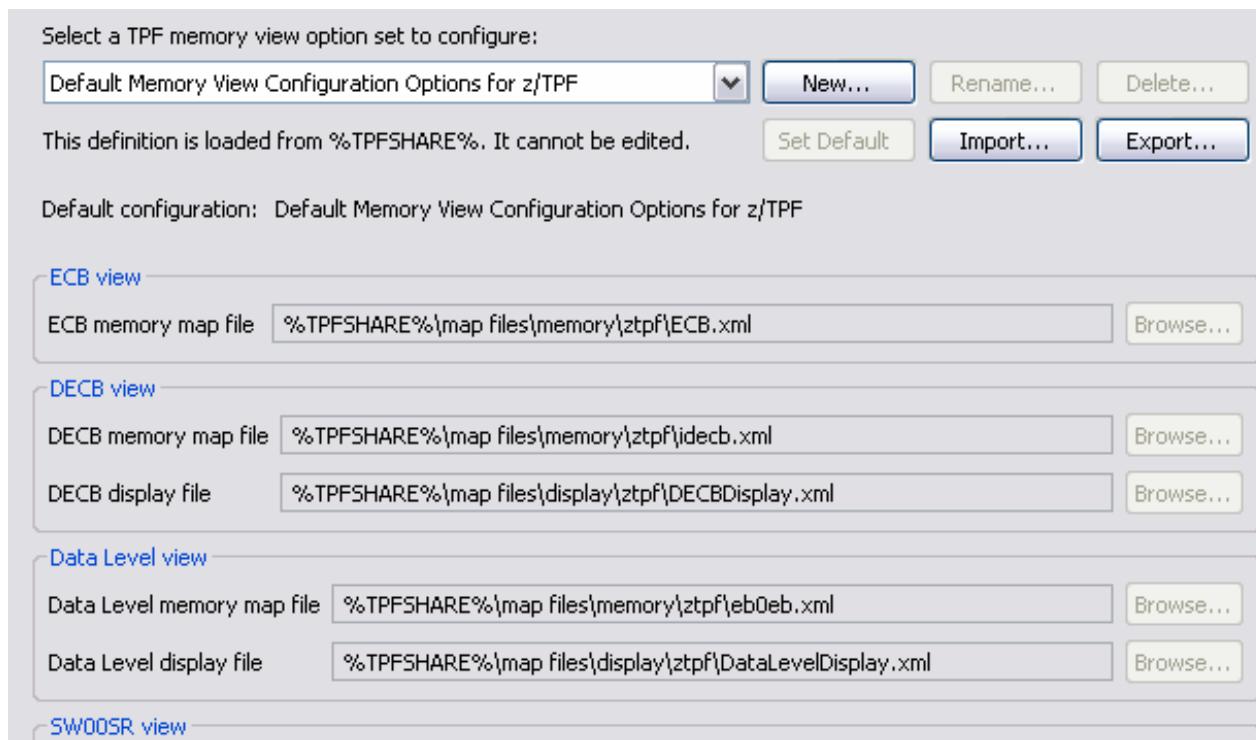
Interim Fix V3.4.1 and Interim Fix V3.4.2

- **New Single Source Rules**
 - OTRGETFa
    - Flag occurrences of TPF 3.1 GETLC, GETSC, GCFLC and GCFSC file storage address macros and replace with the GETFC macro
  - OTRTMSTa
    - Flag occurrences of the 'tm' time structure in C/C++ header files
  - OTRCASTa
    - Flag strings, pointers and constants that are cast to signed and unsigned int data type where regs.rx is an l-value.
  - OTRRREGSa and OTRRREGSb
    - Flag definition and usage of F0-F15 and C0-C15 in assembly, copy and macro files

Interim Fix V3.4.1 and Interim Fix V3.4.2

- **Updated rules**
  - PJ31214b
  - PJ29640k
  - PJ29575a
  - PJ29630a
  - PJ29640a
  - PJ29640d
  - OTRLONGb
  - OTRPRAGb

Interim Fix V3.4.1 and Interim Fix V3.4.2

- **Source Scan Updates**
  - Allocator file can be specified within target environments
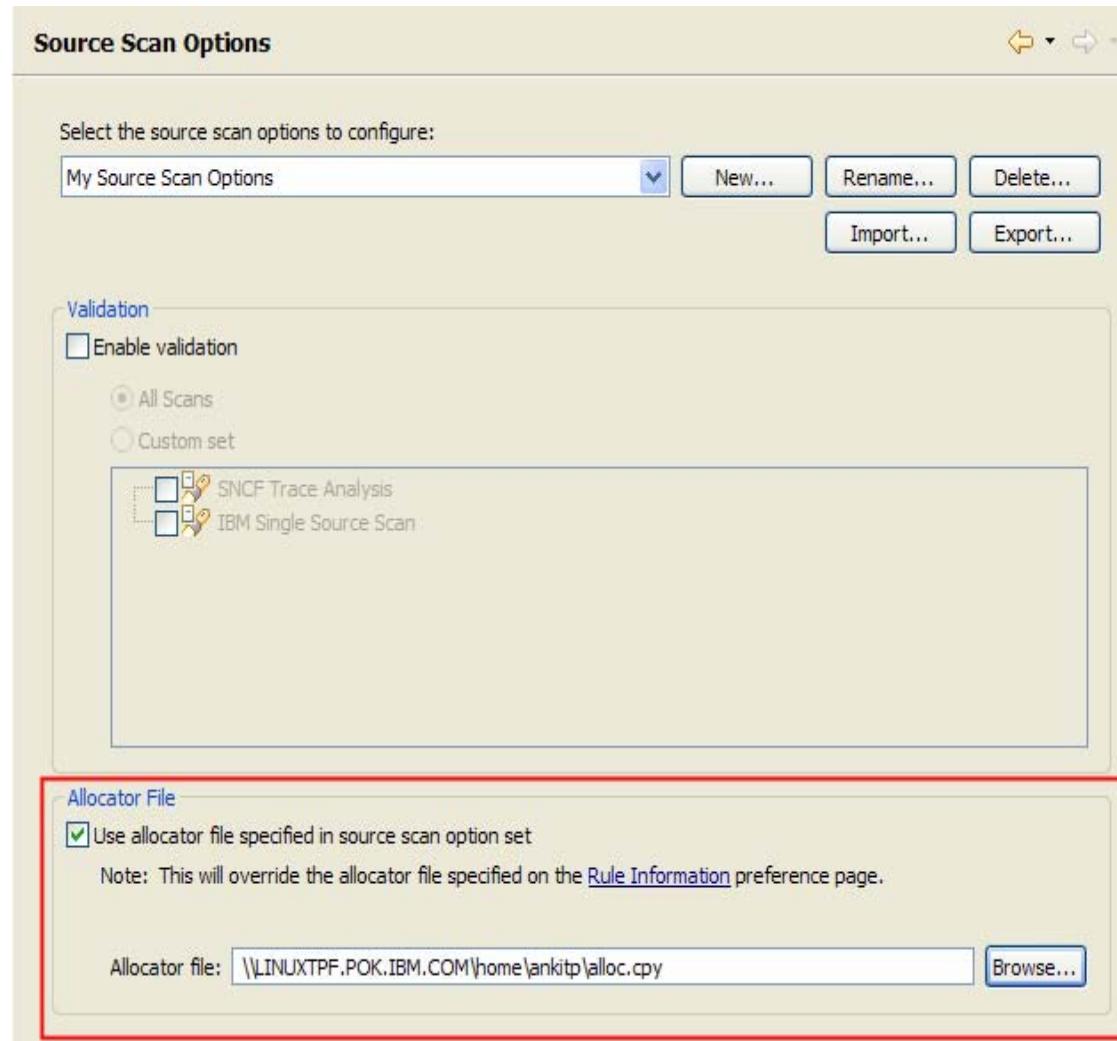
Interim Fix V3.4.1 and Interim Fix V3.4.2

- **MakeTPF updates**
  - Support for loadset comments (APAR PJ34903)
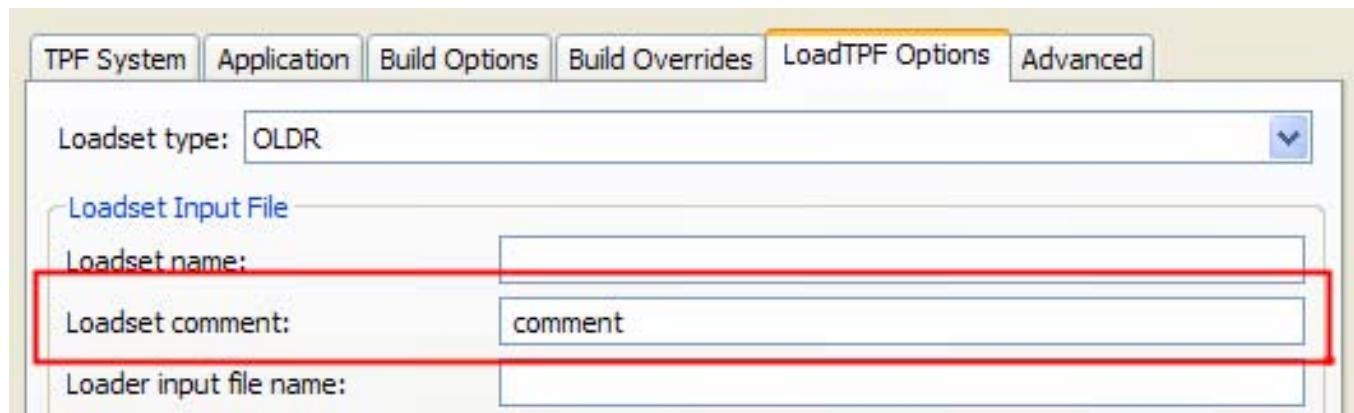
Interim Fix V3.4.1 and Interim Fix V3.4.2

- **MakeTPF updates**

  - Makefile paths can now be relative to TPF_ROOT or APPL_ROOT
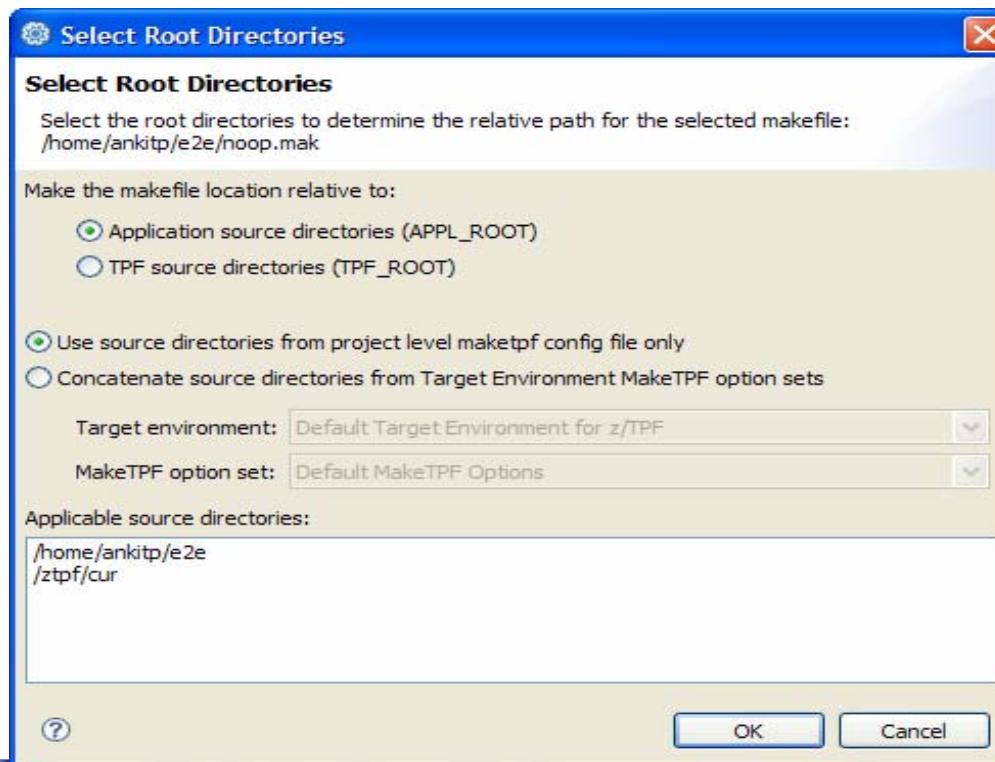
Interim Fix V3.4.1 and Interim Fix V3.4.2

- **Debugger updates**
  - ECB Summary view

Interim Fix V3.4.1 and Interim Fix V3.4.2

- **Debugger updates**

  - Custom Debug Registration
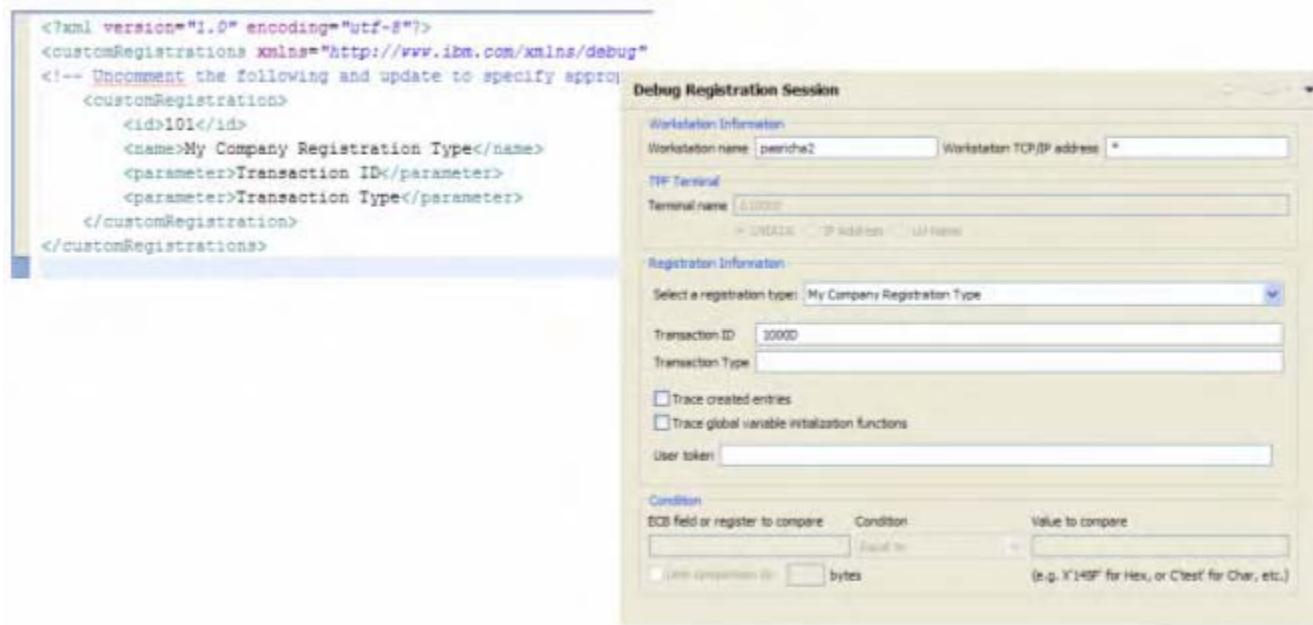
Interim Fix V3.4.1 and Interim Fix V3.4.2

- **Debugger updates**

  - Remote Debug Information Locators
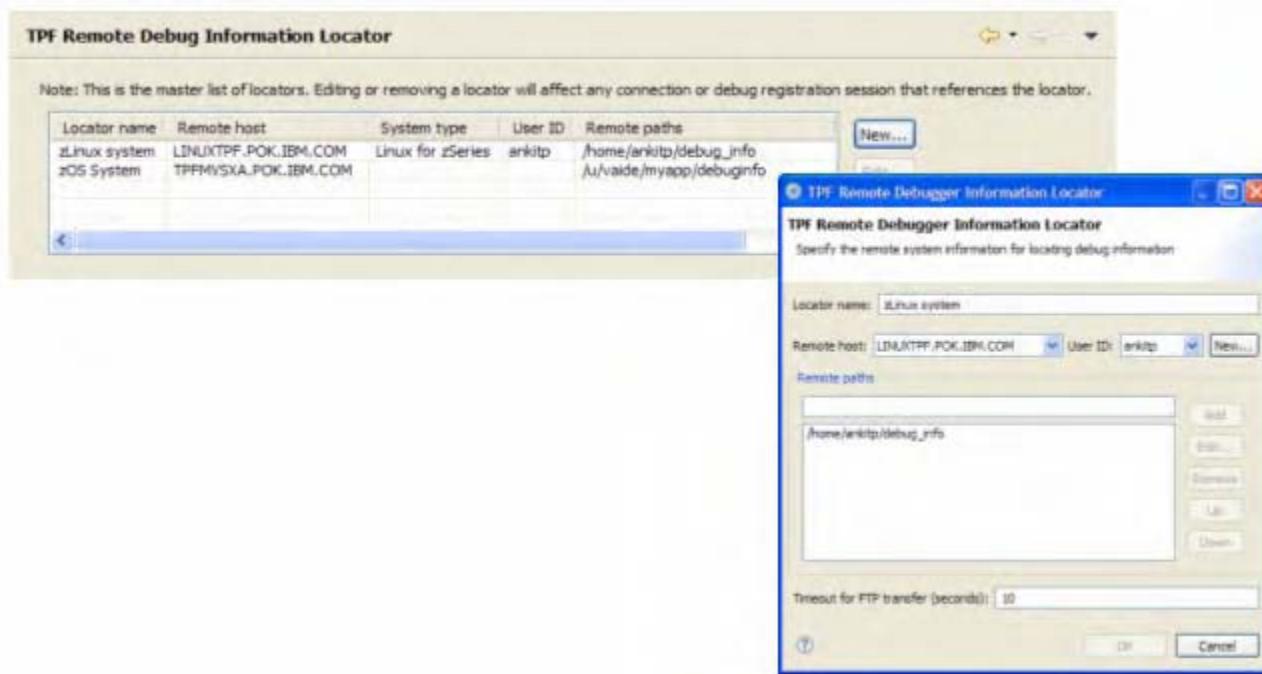
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