IBM Software Group

TPF Users Group Fall 2005

TPF Toolkit

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AIM Enterprise Platform Software

IBM z/Transaction Processing Facility Enterprise Edition 1.1.0

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Agenda

- Target Environments
  - Persistence options
- Update site in V3
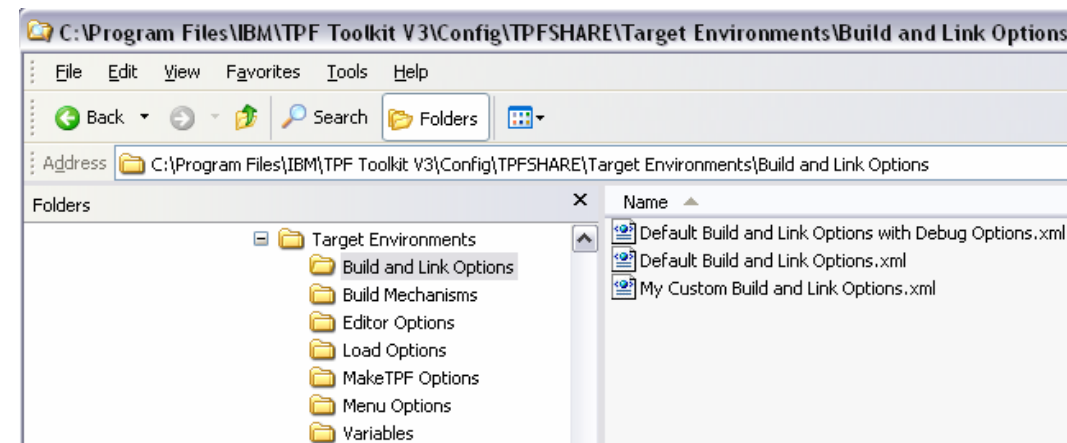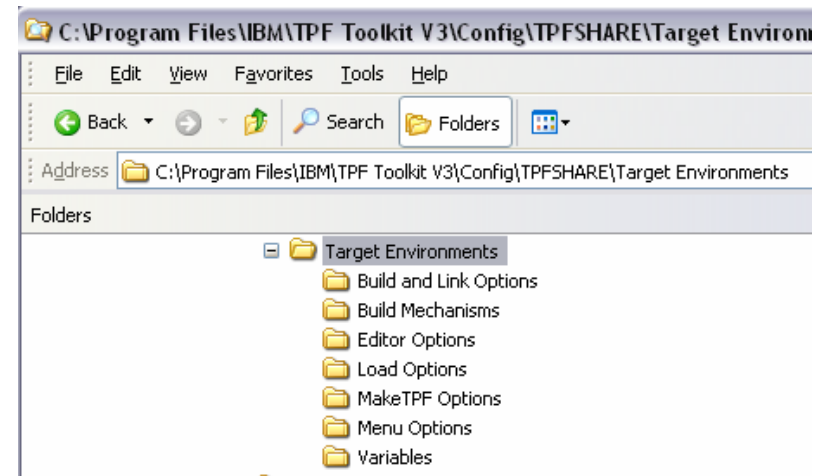
Target Environments

- Persistence options
  - Option 1
    - Same file as other preferences (tpf_pref.xml)
    - Current implementation
  - Option 2
    - Each definition in its individual file
  - Option 3
    - All the definitions in a separate preference file (tpf_target_envs.xml)

Target Environments

- Option 1 - Same file as other preferences
  - Current implementation
  - Pros:
    - One common place for preferences
    - Single file to maintain
  - Cons:
    - Multiple admins => merge (import/export, file merge)
    - "User" information mixed with "system" information

Target Environments

- Option 2 - Persist each definition in individual file
  - Pros
    - Multiple admins can work concurrently without having to merge (assuming no conflicts)
    - Separate "user" information and "system" information
  - Cons
    - Multiple files to maintain and deploy (common complaint in VATPF)
    - Performance hit (file I/O)

Target Environments

- Persist ALL the target environment definitions in a separate file (tpf_target_envs.xml)
  - Pros
    - "User" info separate from "system" info
  - Cons
    - Multiple files to maintain (but not as many)
    - Multiple admins => merge (file merge, import/export)

Concurrent administration scenario

- Scenario
  - 3 different sites
  - 3 sets of administrators creating target environment definitions
  - Integration testing is required
  - Common deployment to all sites
  - Options
    - Option #1 (single pref file) => import/export
    - Option #2 (individual files) => deploy individual files
    - Option #3 (pref file and system file) => import/export
  - Other scenarios?

Concurrent administration scenario

- Recommended setup:
  - Each admin has a "working" instance of TPF Toolkit where customizations are made and tested
  - Each admin also has a "deployment" instance of TPF Toolkit which represents the final and "cleaned up" customizations (test deployment instance)

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