



Transaction Processing Facility

IBM TPF Toolkit

VisualAge TPF

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Agenda

- VisualAge TPF updates
 - ▶ CSD 27
 - ▶ Future CSD schedule

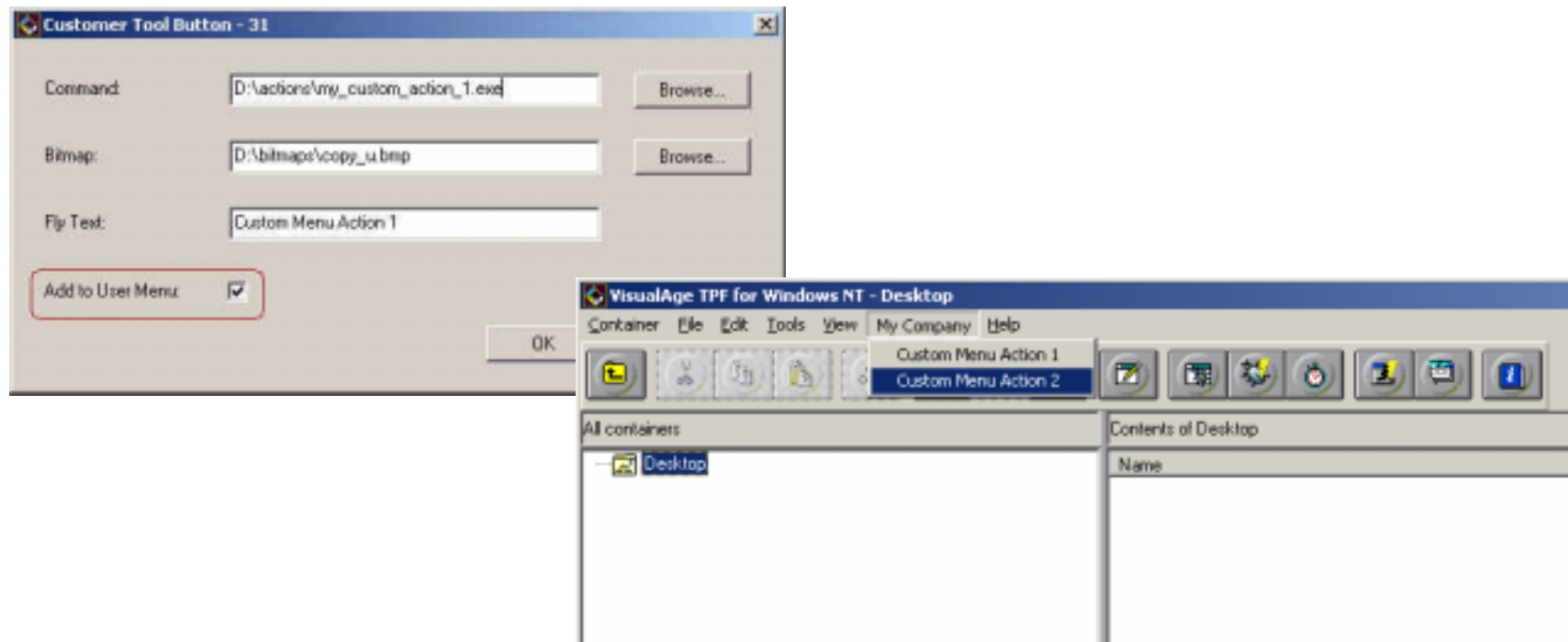
- TPF Toolkit updates
 - ▶ Beta program
 - ▶ GA product (v2.0)
 - ▶ Demos

VisualAge TPF updates

- CSD 27 in December 2003
- Synchronous mode for BBSTAPI command line interface
 - ▶ new -t flag to specify time out value
 - ▶ bbstapi.exe returns when service finished or time out reached
- V01016 - New message pane options
 - ▶ New menu item to clear message pane
 - ▶ Message prefix
 - ▶ MESSAGE_FORMAT variable in BBSUSR.TPF
 - ▶ &DATE, &TIME, &SYS, &USER variables

CSD 27 updates *(continued)*

- V01019 - Custom menu bar menu
 - ▶ USER_MENU_TEXT variable in BBSUSR.TPF
 - ▶ "Add to User Menu" option in Custom Toolbar Editor



CSD 27 updates *(continued)*

- V02026 - LSET, DLL, DLM, LLM Process Improvement
 - ▶ New 'Build' button on properties pages
 - ▶ Dialog to select build action
 - ▶ Build button to build container build list

- V02027 - Loadset panel modification
 - ▶ Drop-down lists for JCL templates
 - ▶ Drop down list for Loadset type
 - ▶ Drop-down list for test system environments
 - ▶ Edit data file for OLDR type loadset
 - ▶ Build button to generate loadset

CSD 27 updates *(continued)*

- V02032 - Retain last used TPF Terminal for debugger registration
 - ▶ Debug registration panel remembers last terminal used
- V02033 - Debug saves Souce Path
 - ▶ source path in browse dialog persisted for future sessions
- V02034: Allow default value for Definition Side Deck
 - ▶ Default DSD location in BBSPROJ.CFG file
- TPFLOAD to dynamically allocate PDS for output
 - ▶ Space, Record Format, Block Size, Record Length and Unit values as specified in Output step in JCL template
 - ▶ Defaults used if values not specified

CSD 27 Hotfix 1

- Planned for release soon
- Container build list exported
 - ▶ Import into VisualAge TPF
 - ▶ Use VATPFMIG migration tool to convert to TPF Toolkit project
- Support for # character in the user ID
- STEPLIB concatenation buffer increased
 - ▶ supports >33 datasets
- New option for BBSTAPI command line interface
 - ▶ -b to send messages to container build console
- Planned for release in June 2004

VisualAge TPF - future

- One CSD a year
- Hotfixes between CSDs
- New requirements implemented in TPF Toolkit

TPF Toolkit

- Beta program
 - ▶ successful, positive feedback
 - ▶ welcome more feedback
 - ▶ tpftools@ca.ibm.com
 - ▶ ends May 31, 2004
- GA product released in March 2004
 - ▶ contains all major function from VisualAge TPF
- V02030: Synch VisualAge TPF help with PUT level
 - ▶ PUT 13 to PUT 17
- V02031: Use standard Windows accelerator keys
 - ▶ supported by the eclipse platform
- V03002: French Version of VisualAge for TPF
 - ▶ Korean and Japanese versions also available

TPF Toolkit (*continued*)

- New Remote System Explorer (RSE)
 - ▶ Alternate solution to NFS and SMB
 - ▶ Basic browsing capabilities
 - z/OS, Windows, Linux, Unix, etc
 - ▶ System level default properties
 - ▶ Remote Compile, Remote Assemble actions (no project context)
 - ▶ JES subsystem
 - ▶ TPF System
 - Debug
 - PA subsystem
 - more planned...
 - ▶ "Add to Project" action
- Demo

TPF Toolkit *(continued)*

- MakeTPF build tools
 - ▶ Configuration file (maketpf.cfg) to set up project build space
 - where to find source, macros for TPF and for applications
 - build options
 - TPF BSS, SS names
 - version code
 - Demo
 - ▶ Makefiles (*.mak) to build the programs
 - program/module to build
 - source segments to include
 - build options
 - Demo
 - ▶ Control file (maketpf.cntl) to control how the project is built
 - list of programs to build
 - Demo
 - ▶ Environment files (maketpf.env_*) to tell MakeTPF where to stuff
 - For example, look for CPP and ASM files in 'SRC' subdirectory
 - Look for Macros in PDS named USERID.MACROS.*.PROJ

TPF Toolkit (*continued*)

- Disconnected mode
 - ▶ work offline with local cache
 - ▶ synch with remote when connected

- New and improved editor
 - ▶ Content Assist for assembly macros
 - ▶ Outline view for C/C++ source
 - ▶ F1 context sensitive help for ASM and C/C++
 - ▶ PUT level specific help

- TPFTool Command line interface
 - ▶ equivalent to BBSTAPI command line interface
 - ▶ services include Import, Export, Remote Command, Submit JCL, Messages to Console
 - ▶ new services to set properties, set preferences, create project, delete project, set password

TPF Toolkit *(continued)*

- Migration tool
 - ▶ Migrate containers to TPF Toolkit projects
 - container properties and file properties
 - container contents
 - build list
 - ▶ Migrate preferences
 - BBSSHARE -> TPFSHARE
 - BBSPROJ -> TPFPROJ
 - ▶ Migrate Customized Tool Bars

- Update Manager
 - ▶ apply interim fixes (CSDs)
 - ▶ Demo

TPF Toolkit schedule

- Quarterly updates planned for interim fixes
 - ▶ Interim Fixes equivalent to CSDs
 - ▶ Update Manager

- Next release planned for next year
 - ▶ Based on eclipse 3.0 technology
 - look and feel
 - roles and activities
 - ▶ CDT for richer C/C++ support
 - ▶ Customizations
 - ▶ New services via TPFTool command line interface
 - ▶ Lots of new features planned
 - ▶ You tell us...
 - Cheat Sheets
 - Viewlets
 - Tutorials

Try it out... we want to hear from you

- Take the Programming Challenge
 - ▶ TPF Toolkit
 - ▶ MakeTPF
 - ▶ Cheat Sheets
 - ▶ Soap
 - ▶ more viewlets!

- Questions? Comments?

- One more thing...

TPF Toolkit session

Date: Wednesday May 19, 2004

Time: 3:30 - 5 p.m.

Room: Pyramid III