



# Teamcenter Community FrontPage Customization Guidelines

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# FrontPage Customizations



- ▶ Solution developers can use FrontPage to customize Teamcenter Community sites
- ▶ Customizations include
  - ▶ custom logos
  - ▶ images
  - ▶ backgrounds
  - ▶ themes
  - ▶ conditional formatting
  - ▶ web page changes
  - ▶ lists and document library views
  - ▶ changing fields displayed in lists
- ▶ Using Microsoft Office FrontPage 2003 to Customize SharePoint Products and Technologies Sites  
<http://www.microsoft.com/technet/prodtechnol/sppt/reskit/c3261881x.mspx>



# Teamcenter Community 2005 Changes

## ▶ Changes

- ▶ Community namespace and DLL renamed
  - ▶ Removed references to EDSPLM
  - ▶ WebControls and WebParts restricted to two namespaces
- ▶ Image deployment consolidated

## ▶ Migration

- ▶ WebParts automatically updated during the installation
- ▶ Document history event sink updated during installation
- ▶ PDM integration files must be manually re-added
  - ▶ Post-Installation using the installtool utility
- ▶ FrontPage customized sites must be manually updated
  - ▶ FpClean has been provided to do this
  - ▶ Update adjusts the namespace and image references



- ▶ SharePoint File Ghosting
  - ▶ File reference lives in the database
  - ▶ Actual file contents are retrieved from the file system
  - ▶ Improves server performance
  - ▶ Allows updates without database calls
- ▶ FrontPage
  - ▶ When a file is modified in FrontPage
    - ▶ File's contents are saved to database
    - ▶ Subsequent requests are retrieved from the database
    - ▶ When updates are made to the template modified files are not updated
  - ▶ Allows users to customize WebPart pages by:
    - ▶ Adding branded images or WebParts.
    - ▶ Changes colors or fonts of text or tables
    - ▶ Create custom forms.
    - ▶ Create complex WebPart connections



# What about FrontPage customized sites after Community 2005 migration?



- ▶ Pages (i.e. default.aspx) have references to our
  - ▶ Previous Community (5.x) DLL
  - ▶ Image URLs
- ▶ Saving a customized page saves
  - ▶ References to the DLL and Images
  - ▶ Any formatting changes to the pages
  - ▶ When the page attempts to load the server tries to load the wrong DLL and cannot find it.
- ▶ The Community 2005 install updates the template files (ghosted) that are used to create new sites.
- ▶ This will only update sites that are not customized



- ▶ What does it do?
  - ▶ Fpcclean is a utility that can programmatically clean up FrontPage customized sites
  - ▶ Replaces Community 5.2 dll references with Community 2005 dll references
  - ▶ Removes any WebControls that are no longer being deployed
  - ▶ Copies images to the Community 5.2 locations to fix any missing file issues
- ▶ Command options
  - ▶ Copy missing images
  - ▶ Recursively clean sites' default.aspx
  - ▶ Clean single file
  - ▶ Add missing links



# Restoring Sites After Installing Teamcenter Community 2005



- ▶ Steps to complete after restoring Community (5.x) sites to Community 2005
  - ▶ Run ‘installtool -upgradeTCC -siteUrl [site url]’
    - ▶ This converts the webparts to Community 2005 webparts
  - ▶ Run “installtool -addtccmodules -siteUrl [site url]”
    - ▶ This updates the integration pages (i.e. Engineering and Enterprise)
  - ▶ Run “fpclean -s [site url]”
    - ▶ This removes any Community (5.x) dll references



# Customizing Teamcenter Community With FrontPage



- ▶ Less is more
  - ▶ The current Microsoft SharePoint v2 customization model is a start
  - ▶ Focusing customization into specific areas that are easily identified and mobile will save time and headaches moving forward
  - ▶ Sites modified with FrontPage will lose any future Teamcenter Community style changes
- ▶ But I NEED to customize (that is fine, here are some pitfalls to avoid)
  - ▶ Do not delete the header on the top of the pages
    - ▶ This contains values that are used in our javascript code
    - ▶ It can be hidden using a content editor web part, but not removed
  - ▶ Do not remove the left column from default.aspx or change its css class
    - ▶ This is needed for the left navigation to work



- ▶ Class is in session, lets take a look at what we need to do
  - ▶ Change the color scheme
  - ▶ Change the logo
  - ▶ Modifying Site Style
  - ▶ Saving Site As Template
- ▶ Seems easy enough, however lets remember our list of things to avoid
  - ▶ Don't delete the header
  - ▶ Don't remove the left hand column
- ▶ Ok lets get down to work



# Branding 101: Paint The Town Red



- ▶ We need a company, so we'll use one of my favorites Midland Technical Corporation (MLTC for short)
- ▶ Change the color scheme
  - ▶ Modify the css file created by FrontPage
    - ▶ The file is located at “\_themes/tcc/tcc1011-109.css” in the site
    - ▶ Add any images needed to this directory
- ▶ Change the logo
  - ▶ Open directory \_themes/tcc
    - ▶ Add new logo image (mltc.png)
  - ▶ In css file (tcc1011-109.css)
    - ▶ Change the URL of the background-image attribute to mltc.png
    - ▶ The URL will be relative to the css file so it will not need to specify any directories (mltc.png).
  - ▶ Save



# Branding 101: Paint The Town Red



- ▶ Modifying the Site Style
  - ▶ For information about CSS reference:  
<http://www.w3.org/TR/1998/REC-CSS2-19980512/>
  - ▶ For information about Teamcenter Community styles reference:  
Style Guide.xls
- ▶ Saving Site As Template
  - ▶ Upon completing modifying the site, save it as a template.
    - ▶ Click “Site Settings” link at the top of the Home page.
    - ▶ Under “Administration”, click the “Go to Site Administration” link.
    - ▶ Under “Management and Statistics”, click the “Save site as template” link.
    - ▶ Enter a File Name, Title and Description and click “OK”.
  - ▶ Template saved and added to the templates list



Home - MLTC - Microsoft Internet Explorer

Address: http://amwflynn/field/mltc/default.aspx

MLTC Home Documents and Lists Create Site Settings Logout Help Up to field

MLTC Home

Actions & Views

- Documents
  - Shared Documents
- Pictures
- Lists
  - Events
  - Tasks
  - Visual Issues
- Routing Slips
- Discussions

Welcome Flynn, Brett

**Announcements**

**MLTC record quarter!** NEW 11/17/2005 1:51 PM  
by Flynn, Brett  
Stimulating activity and high growth

**Getting Started with Teamcenter Community!** NEW 11/17/2005 12:03 PM  
by Flynn, Brett  
Teamcenter Community extends the reach of Teamcenter's product lifecycle collaboration capabilities to users throughout the extended enterprise. Learn about your new site by reading the Quick Start Guide.

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**Shared Documents**

Type	Name	Modified By
	Activities Demo.ppt <small>NEW</small>	Flynn, Brett

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