

AC3274 CUIX Zen - Customizing the CUI

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- Autodesk Product Support Specialist
 - Supporting AutoCAD and Verticals
 - Autodesk 360
- Began working with AutoCAD R10 (1991)
 - CAD Technician
 - CAD Manager
 - Application Engineer with resellers
 - Support
 - Training
 - Implementation

Before we begin...

- Is this the right session for you?
- Don't forget the survey
- Download the PowerPoint
- Download the files
- Please silence your cell phones

Agenda

- Overview of the CUI editor
- Demo

An aerial perspective of a cityscape. In the foreground, a multi-lane bridge with a rainbow-colored line along its edge spans a river. A red car is visible on the bridge. To the right of the bridge is a green park area with a blue oval field. In the background, a large stadium with a circular roof is visible, surrounded by various city buildings and skyscrapers under a clear blue sky.

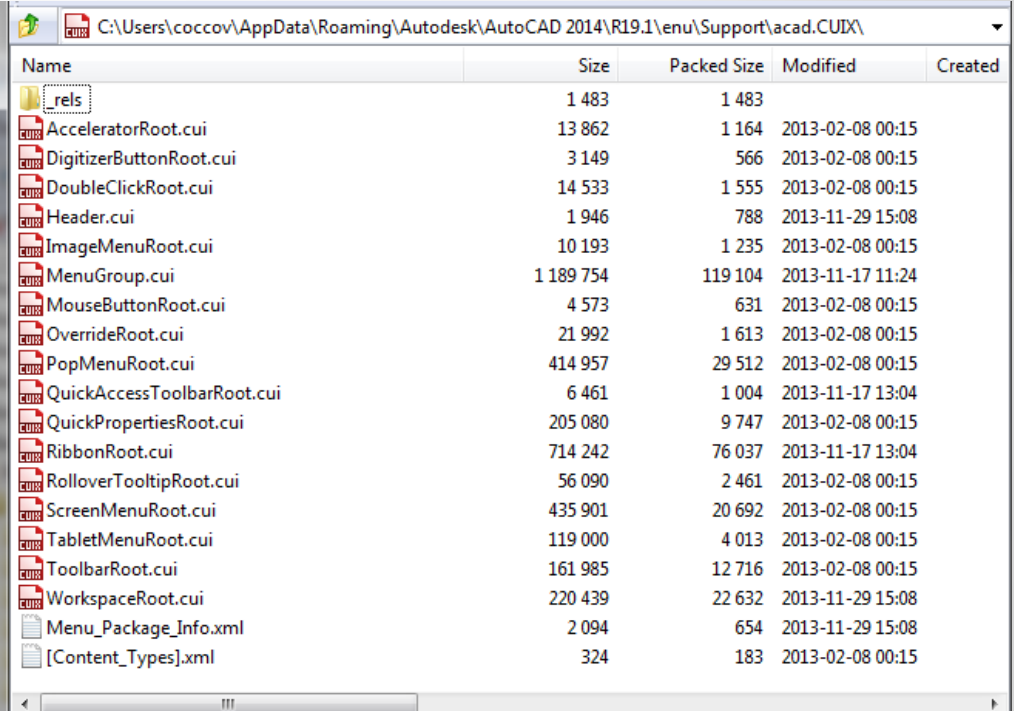
Overview of the CUI editor

CUI or CUIx? What's the difference?

- The CUI is the menu file defining the User Interface
- The CUIX was introduced with AutoCAD 2010 to compress the CUI
- It can also be used to bundle custom image icons

Note:

- Vertical applications include a resource file for images.
- Resource files must have the same name
 - ACA.cuix = ACA.dll



Name	Size	Packed Size	Modified	Created
_rels	1 483	1 483		
AcceleratorRoot.cui	13 862	1 164	2013-02-08 00:15	
DigitizerButtonRoot.cui	3 149	566	2013-02-08 00:15	
DoubleClickRoot.cui	14 533	1 555	2013-02-08 00:15	
Header.cui	1 946	788	2013-11-29 15:08	
ImageMenuRoot.cui	10 193	1 235	2013-02-08 00:15	
MenuGroup.cui	1 189 754	119 104	2013-11-17 11:24	
MouseButtonRoot.cui	4 573	631	2013-02-08 00:15	
OverrideRoot.cui	21 992	1 613	2013-02-08 00:15	
PopupMenuRoot.cui	414 957	29 512	2013-02-08 00:15	
QuickAccessToolbarRoot.cui	6 461	1 004	2013-11-17 13:04	
QuickPropertiesRoot.cui	205 080	9 747	2013-02-08 00:15	
RibbonRoot.cui	714 242	76 037	2013-11-17 13:04	
RolloverTooltipRoot.cui	56 090	2 461	2013-02-08 00:15	
ScreenMenuRoot.cui	435 901	20 692	2013-02-08 00:15	
TabletMenuRoot.cui	119 000	4 013	2013-02-08 00:15	
ToolbarRoot.cui	161 985	12 716	2013-02-08 00:15	
WorkspaceRoot.cui	220 439	22 632	2013-11-29 15:08	
Menu_Package_Info.xml	2 094	654	2013-11-29 15:08	
[Content_Types].xml	324	183	2013-02-08 00:15	

Undocumented commands

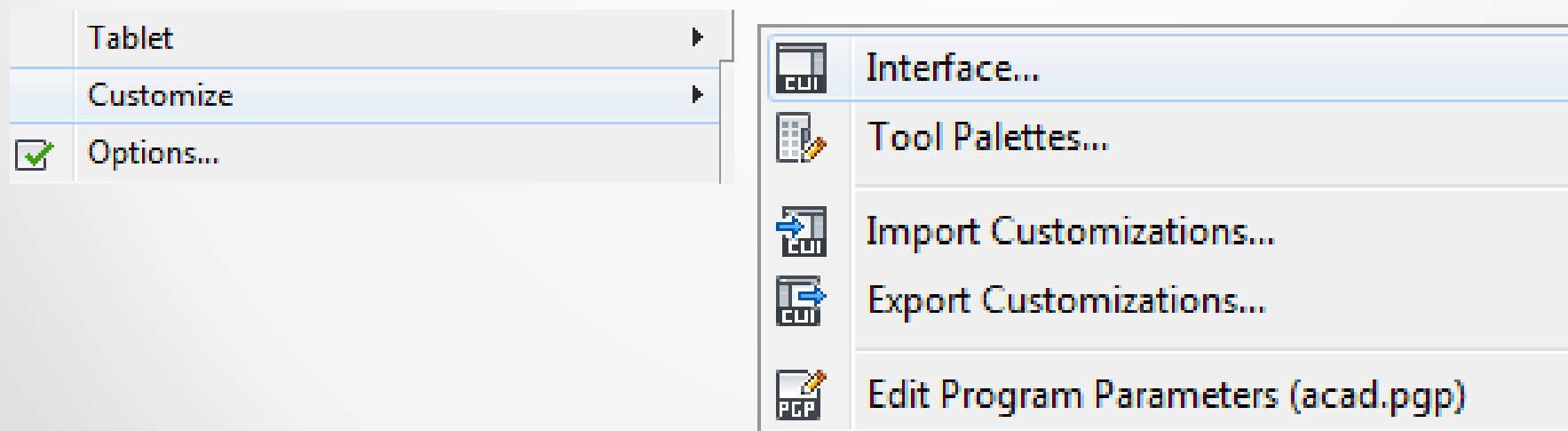
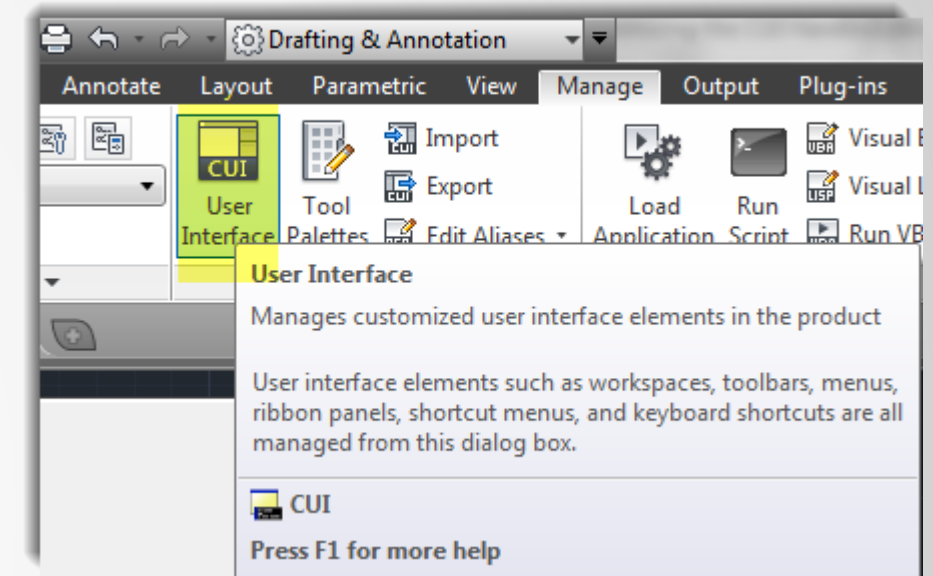
- **CUIXLIST**
 - Displays the root contents of the selected CUIX on the command
- **CUIXCREATE**
 - Creates a CUIX file and allows you to add the CUI and additional resource files such as images
- **CUIXAPPEND**
 - Opens the selected CUIX and allows you to add additional files

The Customize User Interface (CUI) editor

- Command line
 - CUI
- Ribbon

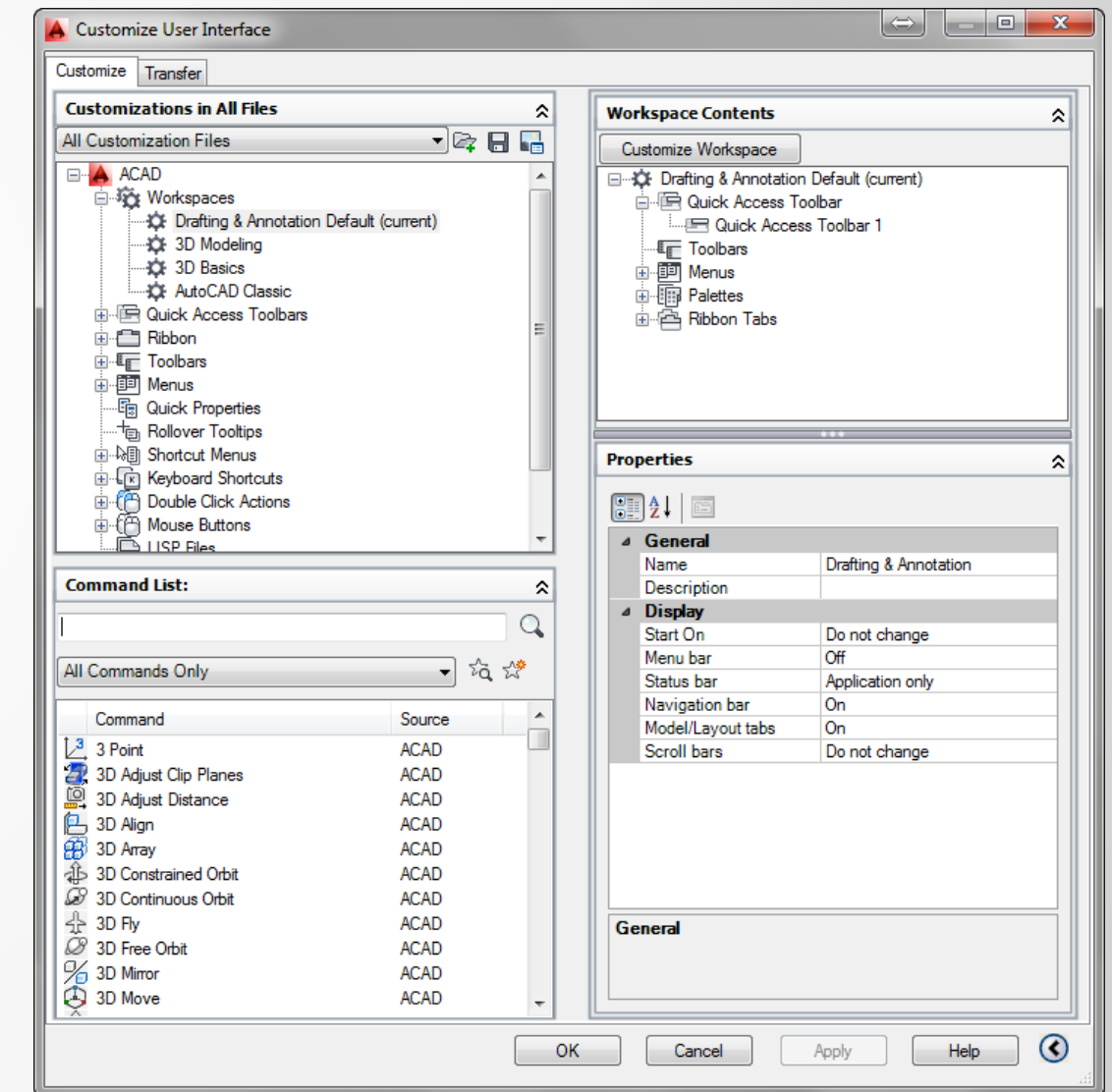
Manage tab → Customization → User Interface
- Menubar

Tools → Customize → Interface



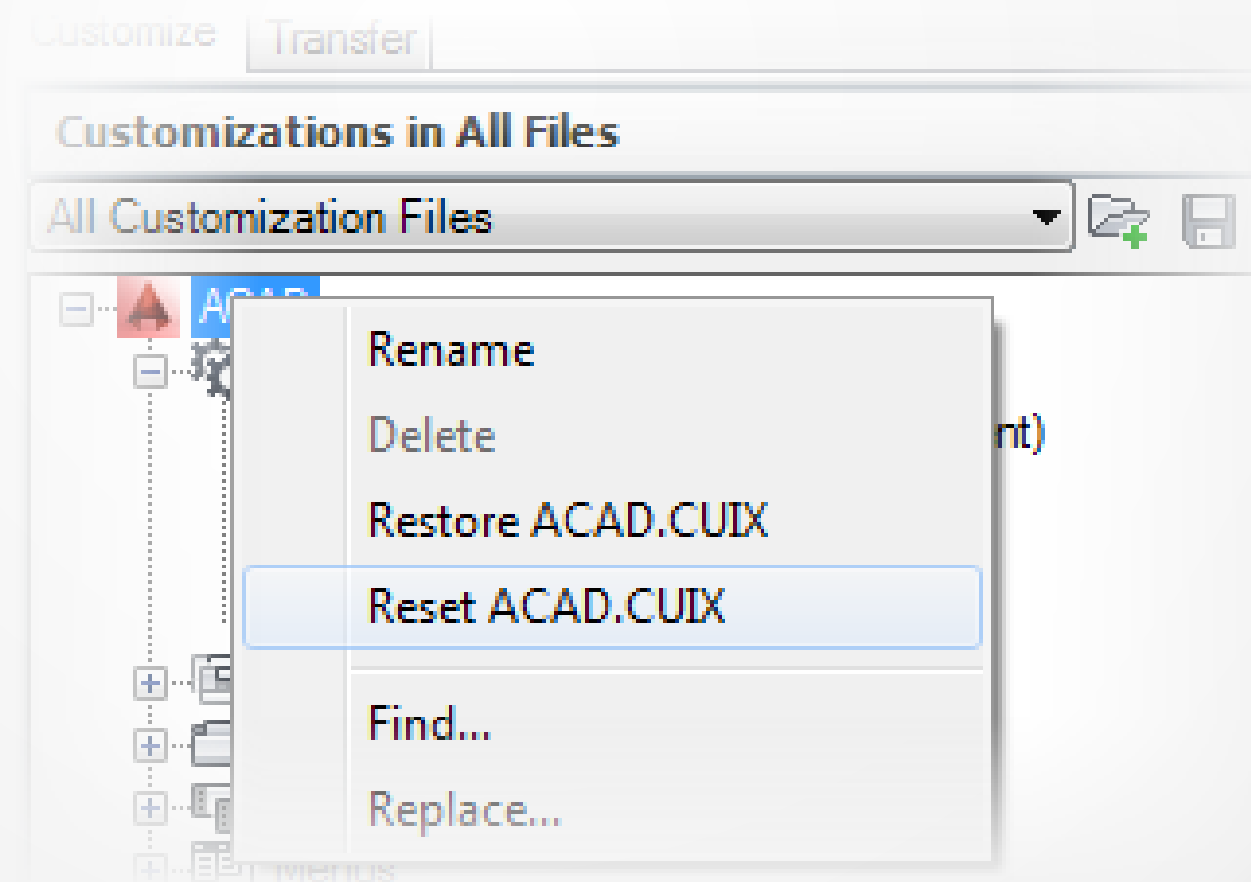
The Customize User Interface (CUI) Editor

- Allows you to modify any of the UI elements
- Consists of two tabs
 - Customize
 - Transfer
- Text editors are not recommended



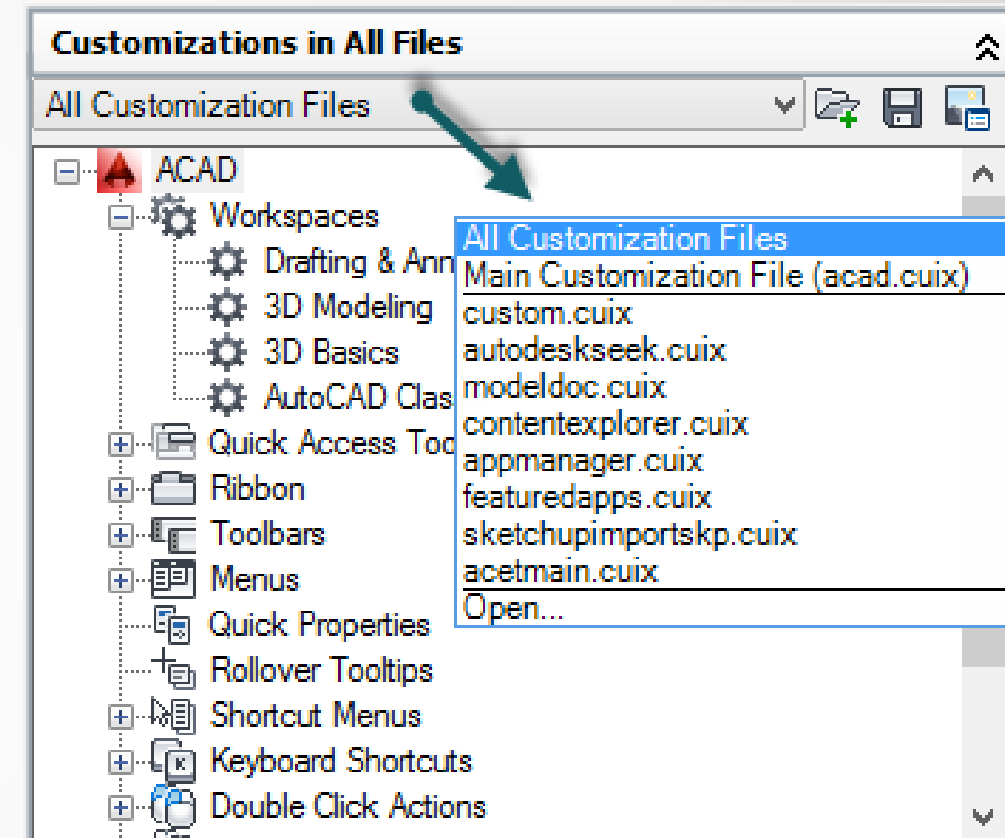
CUI Restore/Reset

- Restore – Restores the CUI to the last saved state
- Reset – Resets the CUI to its defaults.
- Either function does not take affect until you select “Apply”



Customizations in All Files

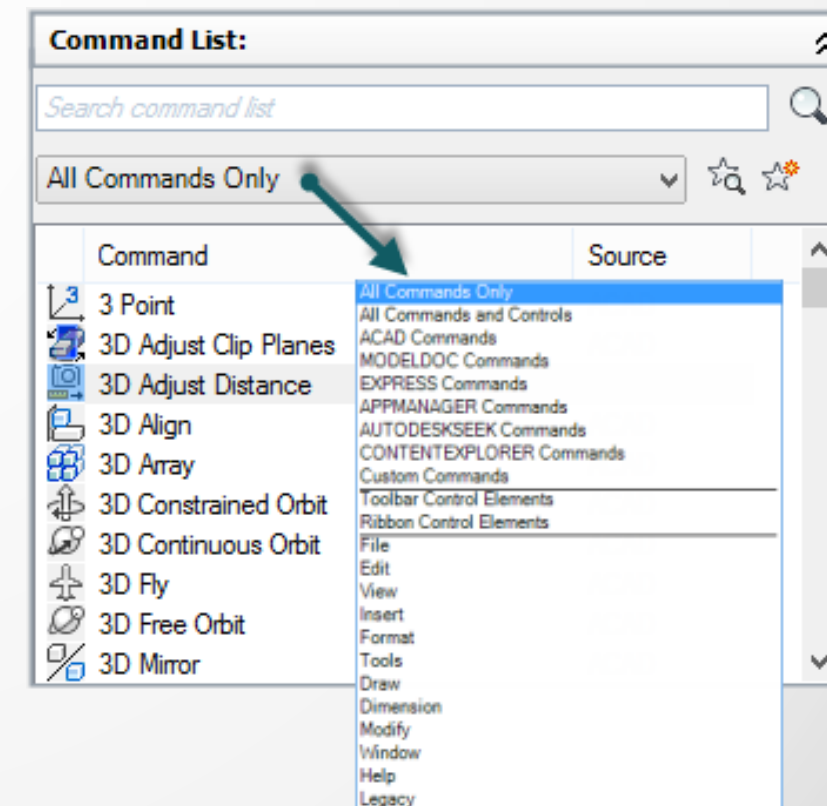
- Is used to navigate the different User Interface elements
- Add or remove element



- Drag and Drop the order of elements
- Select elements to be added to the workspace

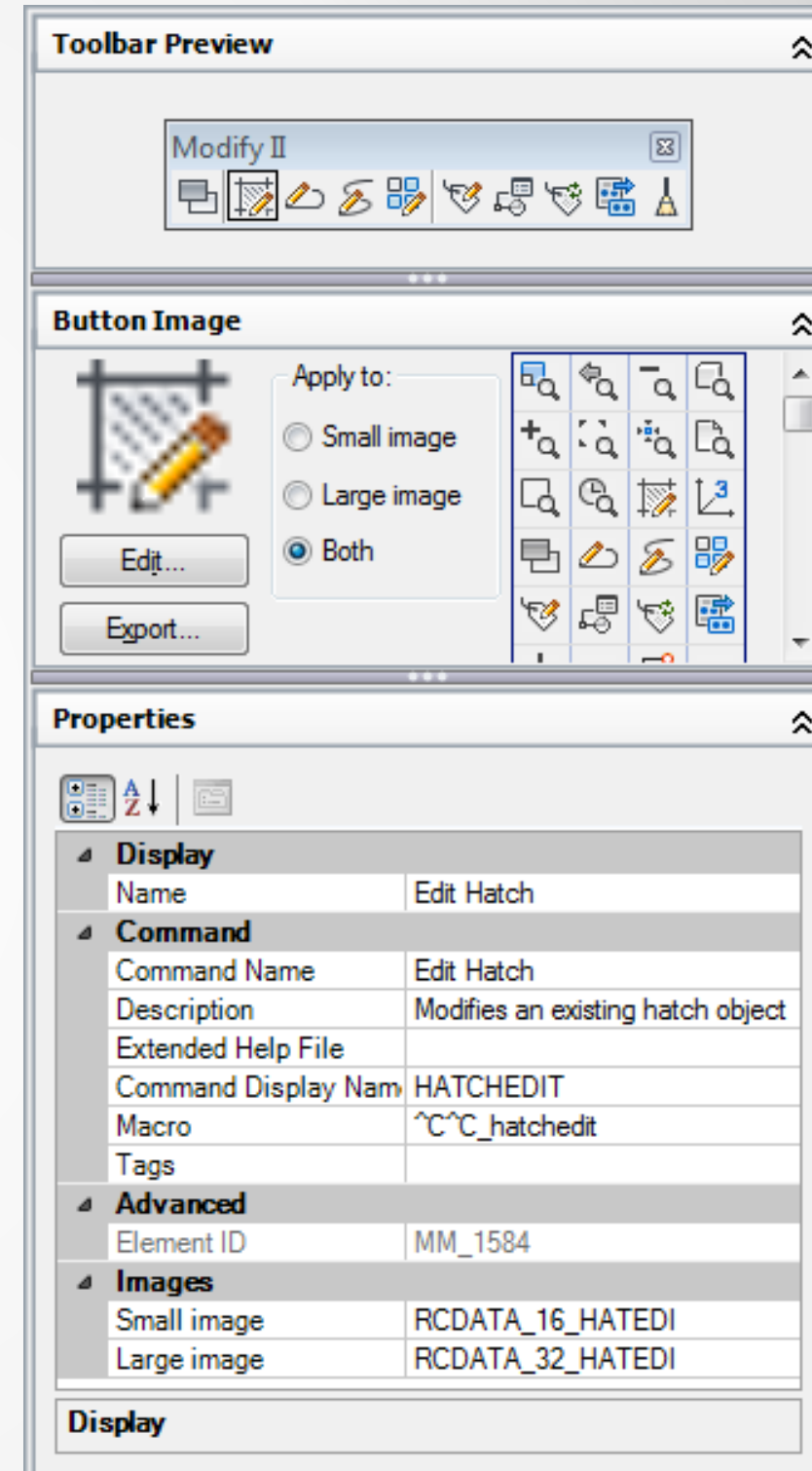
Command List

- Lists “most” commands available in the loaded CUIs
- Listed in alphabetical order by description
- Can be filtered by individual CUIs, controls and elements.
- Command names shown using legacy filter



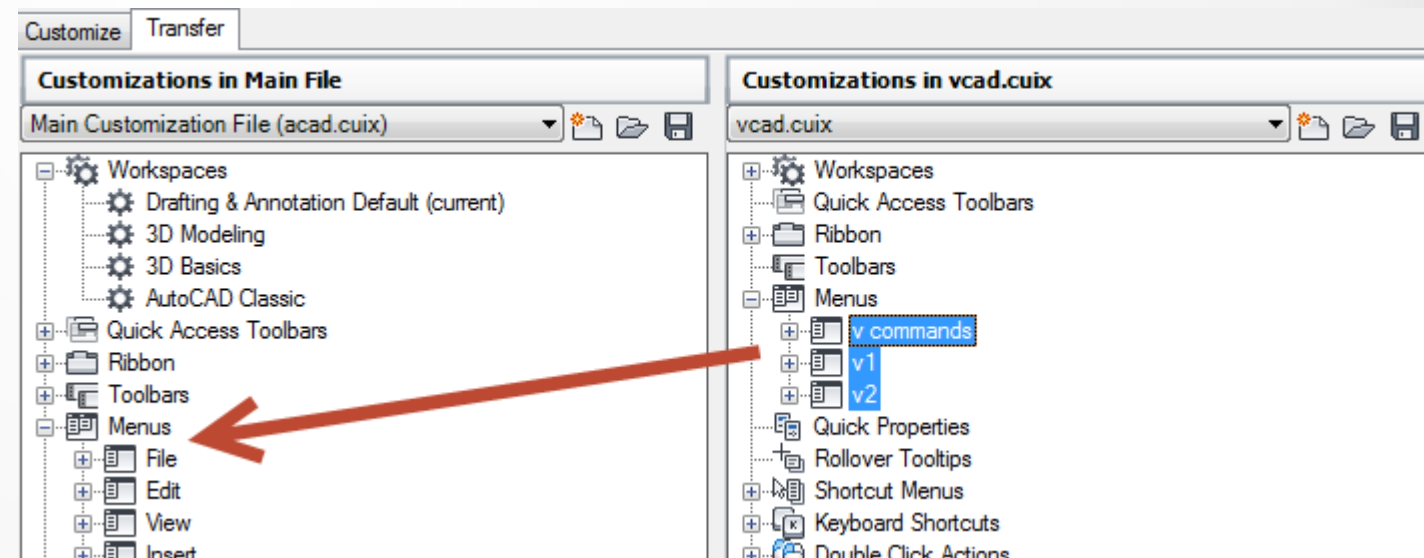
Dynamic Pane

- Displays properties of elements and commands
 - Button Image
 - Information
 - Panel Preview
 - Properties
 - Quick Properties
 - Shortcuts
 - Toolbar Preview
 - Workspace Contents



Transfer Tab

- Create a new CUI
- Transfer elements from and existing CUI
- Transfers are bi-directional



Getting Started



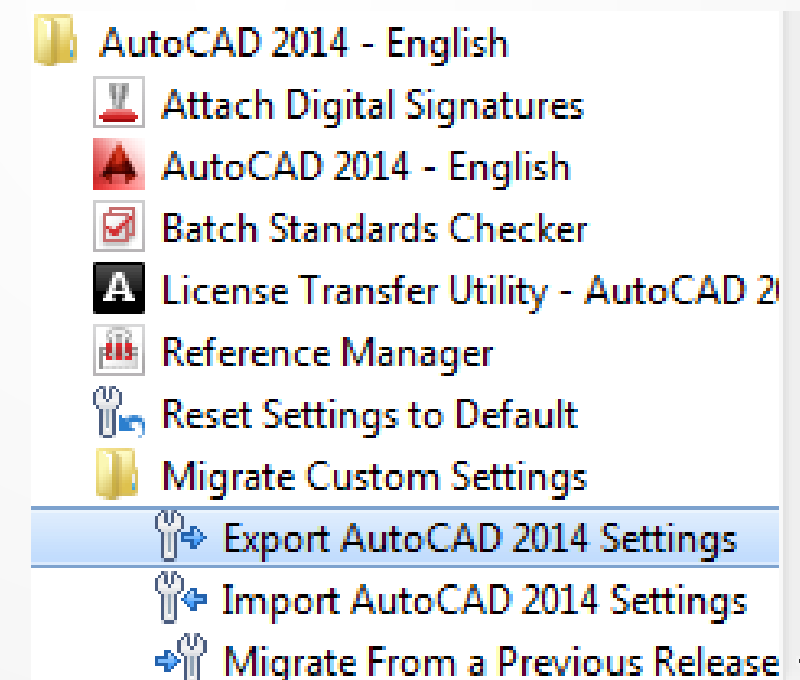
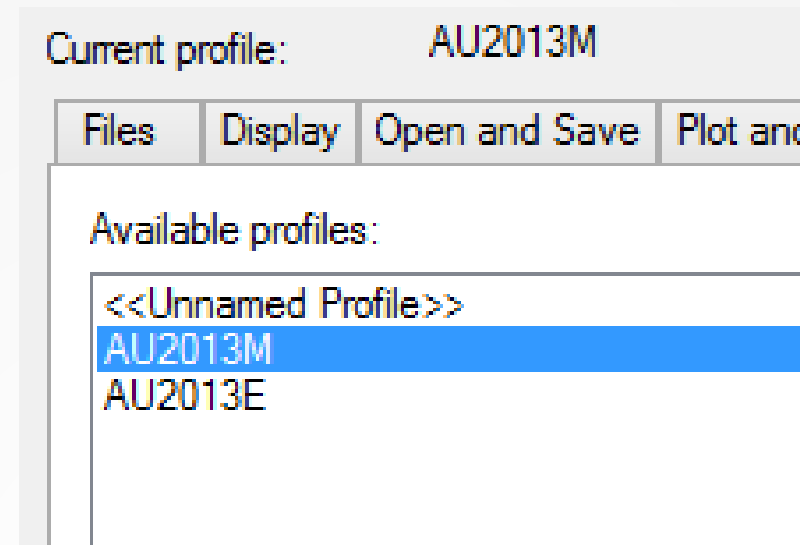
Time savers

- Profiles

- Create
- Export
- Startup switches

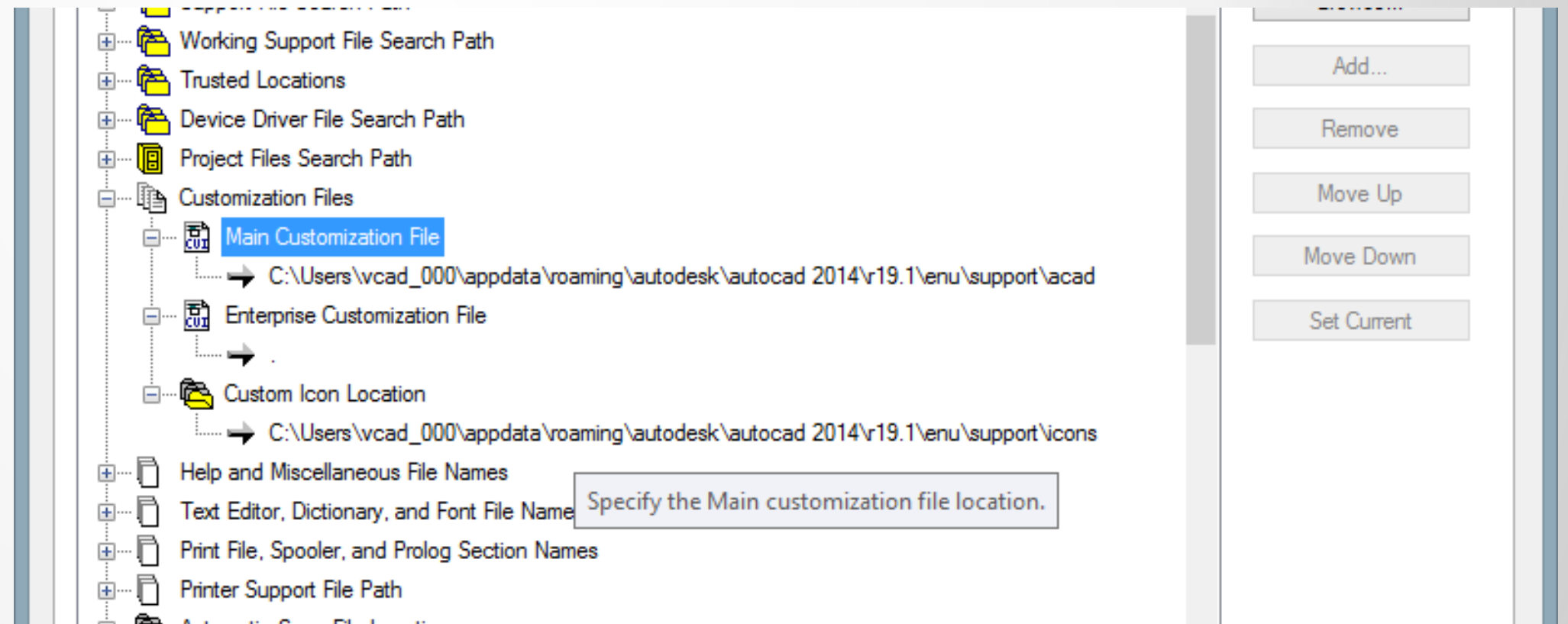
- Settings

- Export
- Import



Support Paths

- Main customization file
- Enterprise customization file
- Custom icon images



The Demo

- Create and Load a partial menu
- Add custom commands
- Add Ribbon tabs and panels
- Modify a workspace, adding the menu
- Add an Enterprise CUI

