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

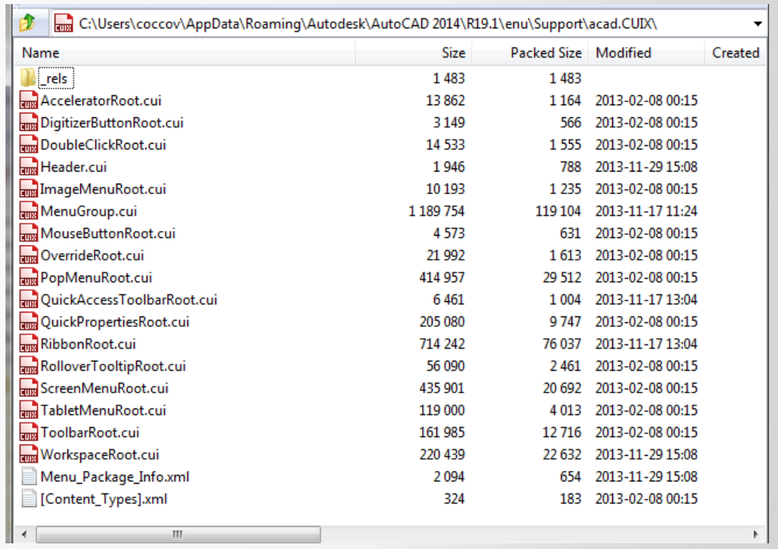
Overview of the CUI editor

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



Undocumented commands

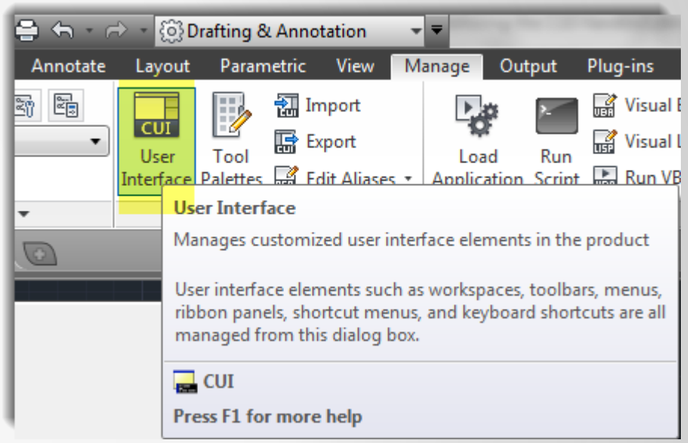
- CUIXLIST
  - Displays the root contents of the selected CUIX on the command
- CUIXCREATE
  - Creates a CUIX file and allows you to add the CUI and additional resource files such as images
- CUIXAPPEND
  - Opens the selected CUIX and allows you to add additional files

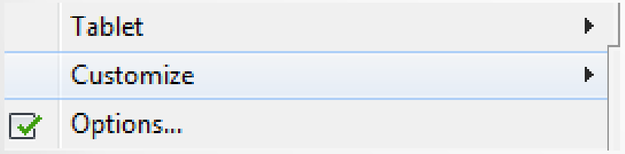
The Customize User Interface (CUI) editor

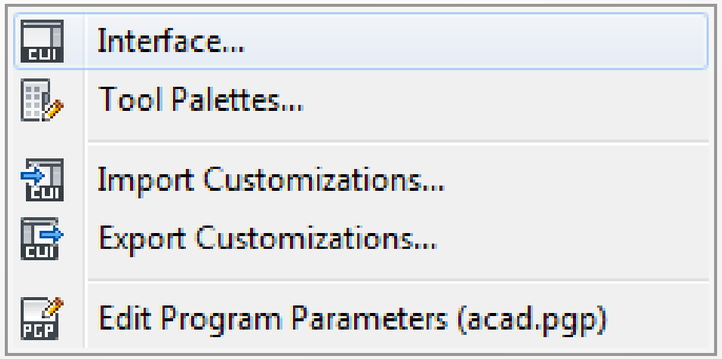
- Command line
  - CUI
- Ribbon

  Manage tab → Customization → User Interface
- Menubar

  Tools → Customize → Interface

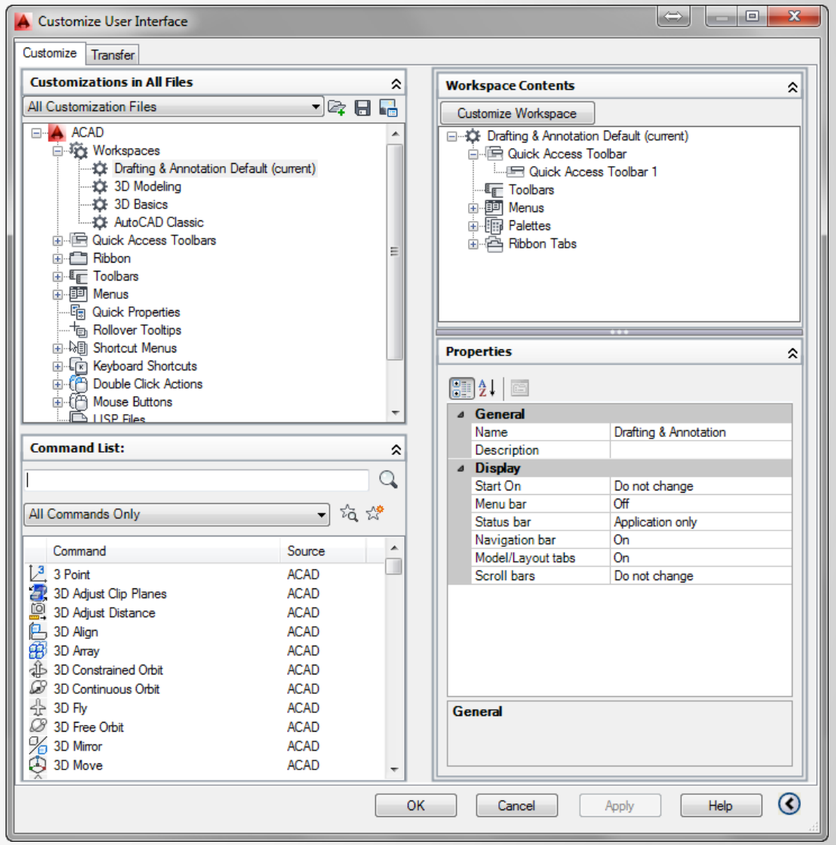






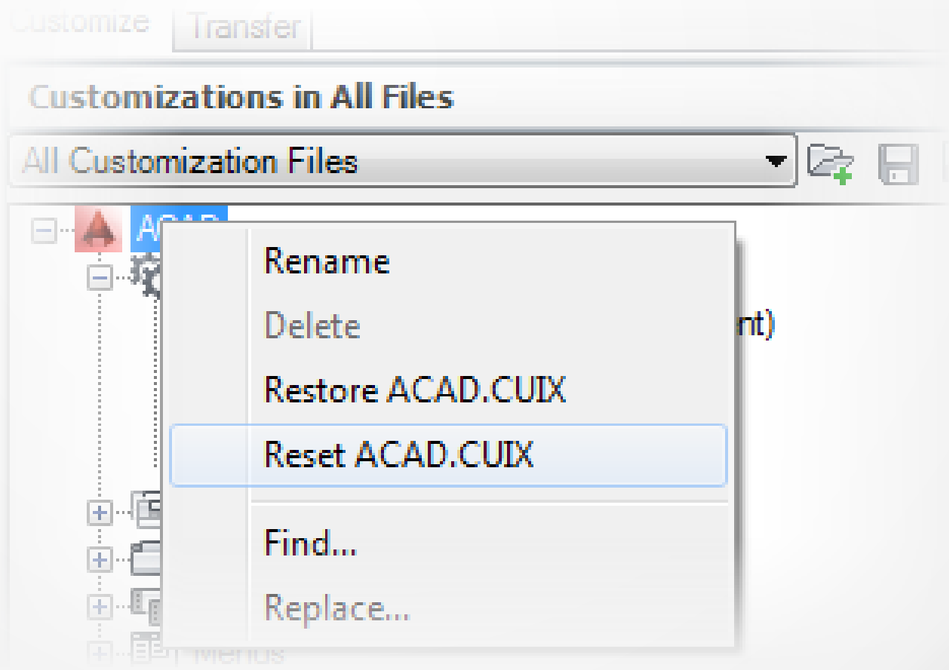
The Customize User Interface (CUI) Editor

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



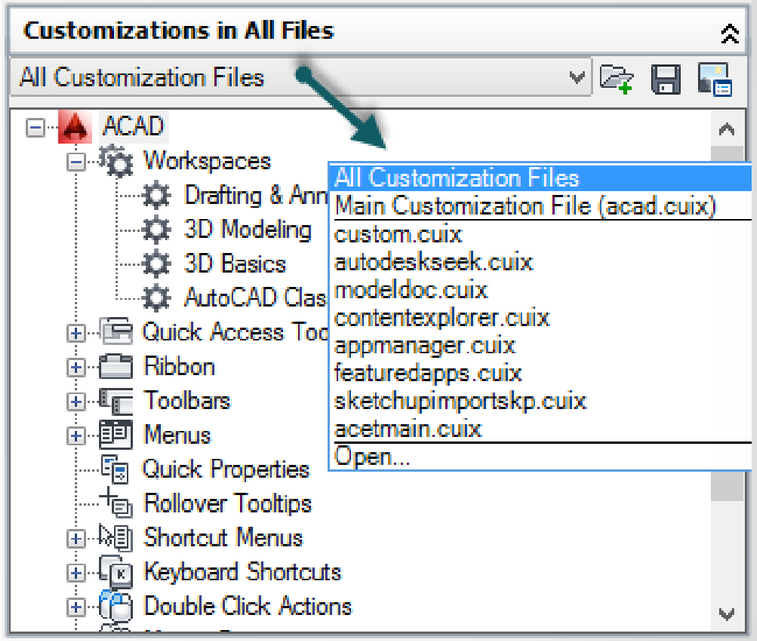
CUI Restore/Reset

- 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

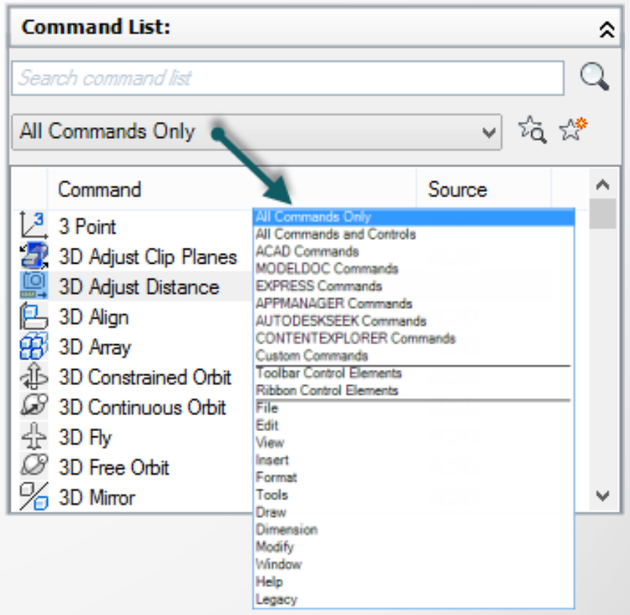
- Is used to navigate the different User Interface elements
- Add or remove element



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

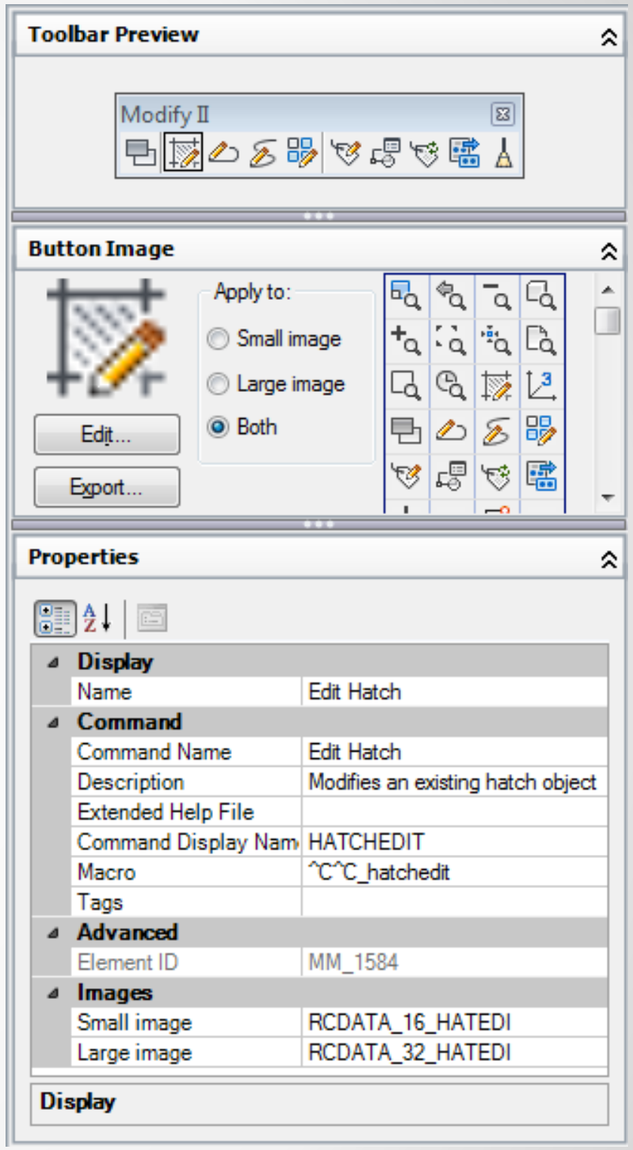
Command List

- 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



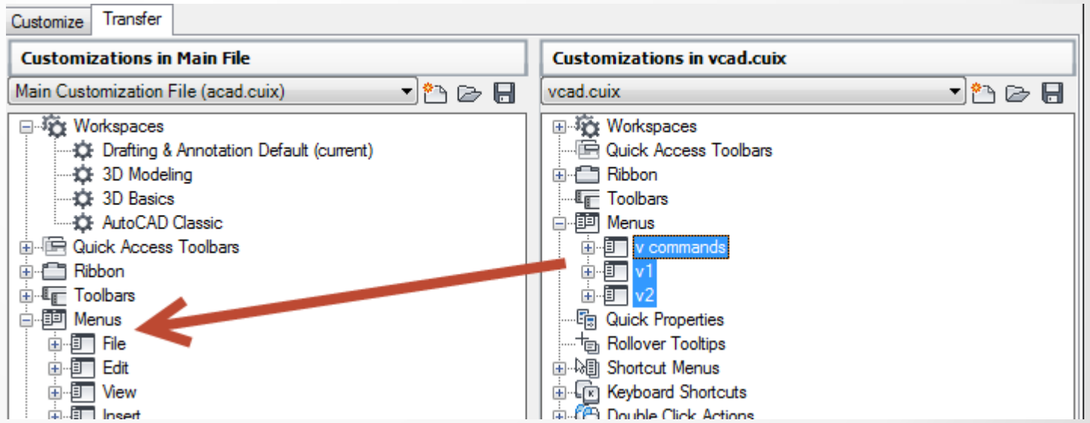
Dynamic Pane

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



Transfer Tab

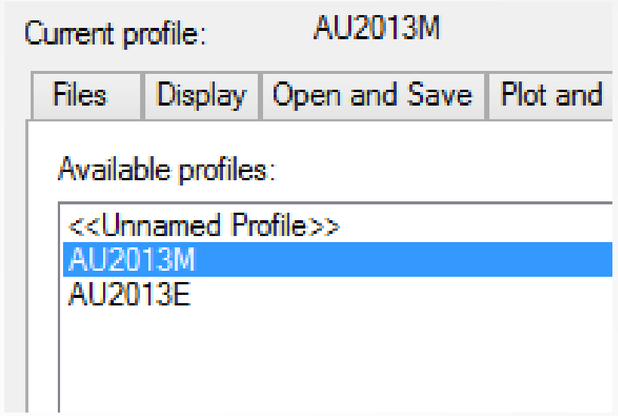
- Create a new CUI
- Transfer elements from and existing CUI
- Transfers are bi-directional

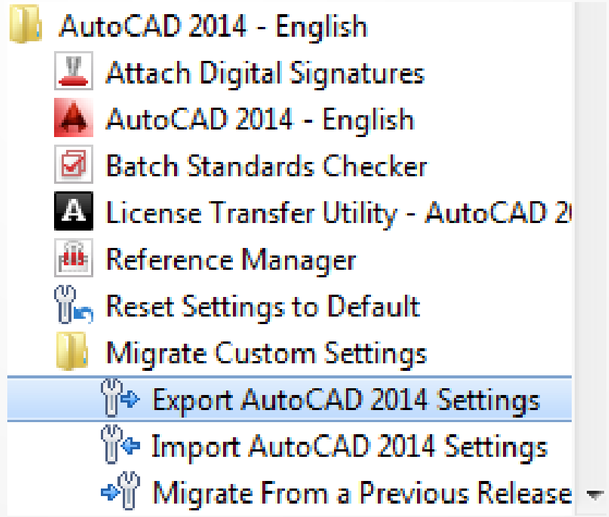


Getting Started

Time savers

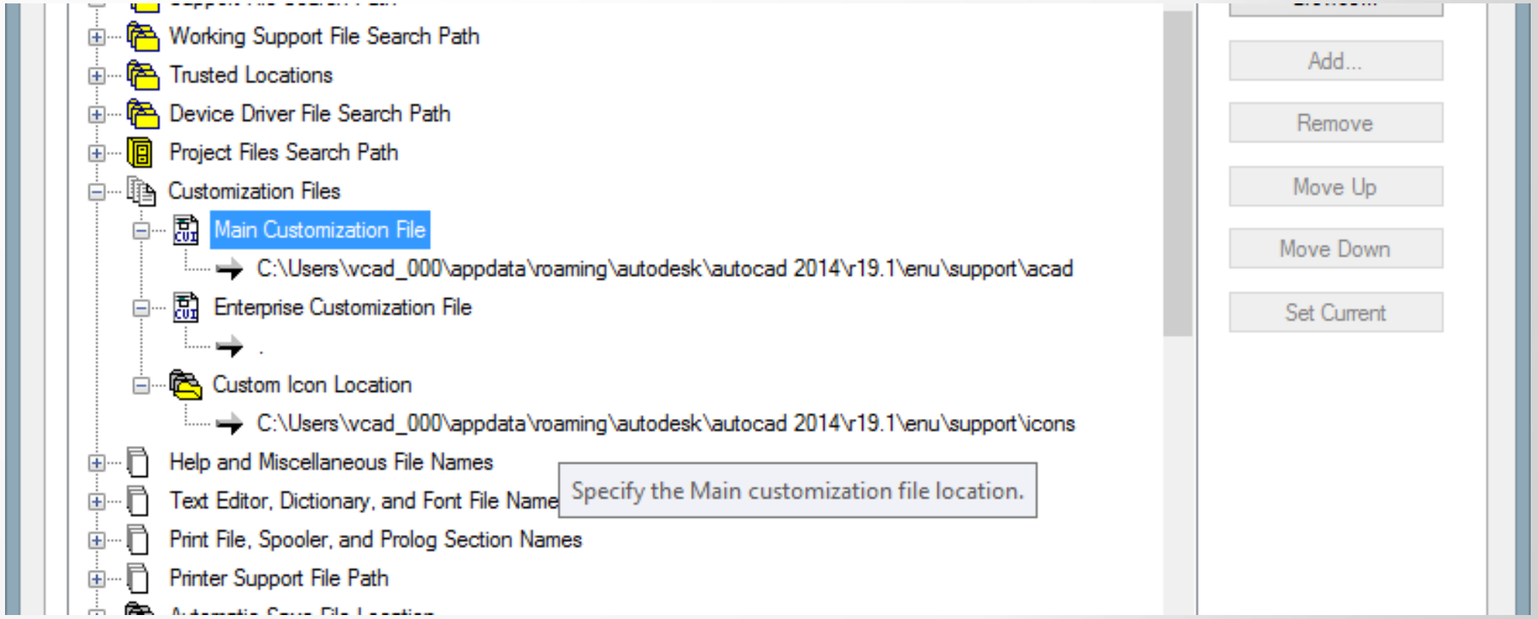
- Profiles
  - Create
  - Export
  - Startup switches
- Settings
  - Export
  - Import





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

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