**ADCU - Active Directory Compare User** V 3.2.0.2 - 2015-09-14

Administration documentation

**INI-File**

The INI-File „AD-Tools.ini“ has to be in the same directory as the script.

|  |  |  |
| --- | --- | --- |
| **Section** | **Key** | **Description** |
| [group-description] | xx | xx is the AD group name (partial). This section holds the description for groups where the AD property “description” is empty. Example: AB\_=xyz  Description for all groups starting with “AB\_” |
| [ADCU Main] | Userfunction | Sets the text for a button in the main GUI. When clicked this button calls function \_Main\_UserFunction(). See section “User Functions” below. |
| [ADCU Listview] | Userfunction | Sets the text for a button in the context menu of the left or right listview. When clicked this button calls function \_LV\_UserFunction(). See section “User Functions” below. |
|  | Header | If set, this key replaces the default column headers for both listviews. The pipe character (|) separates the columns. Column 1 will always display the group name.  Example: Header=Group|description|managedby |
|  | Properties | If set, this key replaces the default AD properties to be displayed. Column 1 is always the group name but does not need to be specified here.  Example: Properties=description,managedby |
|  | DataFunction | When the internal array for the lines to be displayed is being built then function\_LV\_DataFunction will be called for every record if the key is set to True. Key “Properties” has to be set as well. |
| [ADCU Detail] | Userfunction | Sets the text for a button in the detail GUI. When clicked this button calls function \_Detail\_UserFunction(). See section “User Functions” below. |

**User Functions**

There are some user functions that can be activated in the Ini-File. You can call them from the main GUI (button), both listviews (context menu) and the detail GUI (button). The button/context menu entry is deactivated until you set the corresponding key in the Ini-File.

The functions need to be defined in the AD-Tools\_User.au3 file (at least empty functions).

Parameters passed to the functions:

\_Main\_UserFunction: None

\_LV\_UserFunction: The groupname from the selected listview row.

\_LV\_DataFunction: The following parameters will be provided:

Pane: “L” or “R” to denote for which pane the function is being called

Properties: Array $aProperties containing the user defined properties to be displayed

List: Address of the array holding all groups for the user (either for the left or right pane)

Index: Index of the entry in the above list being processed (starting with 1)

\_Detail\_UserFunction: None

Some of the global variables you might need to access (replace xx with “Left” or “Right”):

| **Variable** | **Description** |
| --- | --- |
| $aDisplayxx | Array with the data you see in the left/right listview |
| $sFilter | Currently active Filter L(eft), R(ight), B(oth) |
| $sObjectxx | The user account you entered to be displayed left/right |
| $sPane | The currently selected pane. Can be “Left” or “Right” |
| $aProperties | User defined properties to be displayed |
| $sSelected | Selected listview entry |

**Permissions**

ADCU uses the same permission checking as all other AD tools written by me:

**User view:** He can only check his own user

**Department admin:** He can check all users in the same department

**Admin:** He can check all users

For ADCU only admin access is sensible. Other users will not be allowed to run the function.

Modify function \_Check\_Access in AD-Tools\_User.au3 to change the permission checking to your needs.