

# DesktopDirect Automatic Registration Utility Deployment Guide

## Overview

The DesktopDirect automatic registration utility allows administrators to register desktops to users without requiring any user interaction (or knowledge).

The utility is a Windows executable that upon launching registers the desktop to the currently logged on user. The utility is designed to be used in startup and/or logon scripts and its most recommended use is in conjunction with Active Directory Group Policies.

## Usage

The utility executable is called DDRegExe.exe and it is used with the following syntax:

*DDRegExe < IP\Hostname> < UserName> [Registration Options]*

Upon execution the utility will register the desktop to the current user on the specified ART Server specified by its IP address or hostname. Unless otherwise specified the desktop will be registered to the “default” instance and its description will be the same as its hostname.

For example if the user jdoe is currently logged on the desktop ANHOST, executing the utility with the following syntax “DDRegExe 192.168.1.231 /u jdoe” will register the desktop to the user(jdoe) on the ART server 192.168.1.231 (using ANHOST as a description).

The utility supports the following registration options:

- /r <Instance Name> - Specify an instance name when the desktop should be registered to an instance other than “default”.
- /u <username>- Specify a user name where the desktop should be assigned to.
- /d <message text> - Instead of using the hostname of the desktop as its description the utility will prompt the user to enter a description. The content of <message text> will be displayed to the user for guidance. If the message contains spaces please enclose it in double quotes (for example “Please enter a description”).
- /e <message text> - By default the utility operates in silent mode which means users are not notified if the registration failed (the failure is logged in the Windows Event Log). When using this option the content of <message text> would be displayed to the user in case the registration fails for any reason. If the message contains spaces please enclose it in double quotes (for example “Registration failed please contact your administrator.”).
- /r <number of days> - By default the utility will attempt to register the desktop every time it is launched. When this option is used the utility first retrieves the last time the desktop was registered to the current user. If more than the specified <number of days> elapsed it will attempt to register it again, otherwise it will exit successfully (no error messages will be presented to the user) without performing any actions.

Following are some examples of the use of the above options:

- *DDRegExe 192.168.1.231 /u testusr /i test*  
Registers the desktop to ART server 192.168.1.231, instance "test", user name "testusr"
- *DDRegExe 192.168.1.231 /u testusr /d "Please enter a description" /r 30*  
Registers the desktop to ART server 192.168.1.231, instance "default" and user name "testusr". In this example the user will be prompted to enter a description (only if 30 days have passed since the last successful registration).

### **Active Directory Integration**

The utility can be easily integrated with Active Directory so that desktops are automatically registered to users as soon as they logon. In order to configure this option the administrator needs to create an Active Directory Group Policy and have the utility execute as part of its Logon script.

The following is a sample login script shows how to run the utility in order to register a desktop to the "default" instance on an ART Server that resides at 192.168.1.231, prompting the user for a description and presenting an error message in case of a failure.

```
Set WshShell = WScript.CreateObject("WScript.Shell")
Command = "\\192.168.1.145\utils\DDRegExe.exe 192.168.1.231 /d " & Chr(34) &
"Enter a description for this desktop" & Chr(34) & "/e " & Chr(34) & "Registration failed" &
Chr(34)
WshShell.Run Command
```

### **Note -**

- The DDRegExe utility is located on a windows server 192.168.1.145 in the "utils" shared directory. Users can access this directory with their domain credentials.
- This is only one way the utility can be used