GENESIS32 - Application Setup Utility

APPLICATIONS NOTE

October 2013

Description: Guide to using the Application Setup Utility.
OS Requirement: Win 2000, XP Pro, Server 2003, Vista, Server 2008, Windows 7
General Requirement: GENESIS32 Version 9.1 or later

Introduction

The Application Setup Utility sets DCOM permissions for all applications in the ICONICS GENESIS32 application suite. The purpose of the application is to create a predictable working security state that will allow the vast majority of GENESIS32 users to successfully run their applications right out of the box.

AppSetupUtility in Graphical Mode

The Application Setup Utility comes with the GENESIS32 installation and resides in the \Program Files\Common Files\ICONICS directory. The program requires that its INI file be located in the same directory as the executable file.

1. Launch the AppSetupUtility by going to
   Start → Programs → ICONICS Tools → AppSetupUtility

Figure 1 - The Application Setup Utility User Interface

2. For a local computer account, leave the Local Machine radio button selected; for a NT Authorization in a domain, click on the Domain radio button and enter the Domain Name.
3. The default user group is Administrators, but you can set the user group to any group name you wish by clicking on the Group drop down list, as shown in Figure 2.

Figure 2 - Choosing a Group from the Dropdown List

4. If you wish to use an existing user, disable the New User check box.
5. To create a new user, enter the User Name, make sure the New User check box is enabled, enter a password into the Password and Confirm Password text boxes, and click on the OK button.

   NOTE: Because services will not run with a user that lacks a password, you MUST enter a password when creating a user or select an existing user with a password.

6. After the utility runs, it posts an alert box if it is successful. Click on the OK button to acknowledge the alert box.

Once you click on OK, the utility does a few things behind the scenes. Here is a glance at some of the activities that the utility performs:

- The applications listed as modules are registered as DCOM Components.
- The application's identification CLSID is written into the Windows Registry.
- The User ID, group, and password are created if you select the New User check box.
- The User account is given Access DCOM permissions as well as Launch and Activate DCOM permissions.
- The utility registers most applications as services with the Startup type set to Manual.
- GenBroker is set to run a service, configured to startup automatically when the system starts.
- Recovery behavior is set to restart the services on the first two service failures.

If you want to check that all settings above are correctly set, or if you want to make changes to the setup .INI file, see the AppSetupUtility help file. The default location for all

AppSetupUtility files is C:\Program Files\Common Files\ICONICS.

Command Line Interface Settings

You can also call the Application Setup Utility from the command line and customize the operation of the utility with a number of switches.

To run the AppSetupUtility from the command line:

1. Click Start → Run, then type "cmd" (without quotes) into the Run dialog box and press the Enter key.
2. Use the change directory command as shown below to switch to the directory containing the AppSetupUtility EXE file:

   CD C:\Program Files\Common Files\ICONICS

3. If you enter the AppSetupUtility command without any switches at the command line, the utility's Graphical User Interface will appear.
4. You can bring up the utilities' command line help by entering: `AppSetupUtility /?`
   A dialog will appear displaying all the available switches along with a description for each switch.

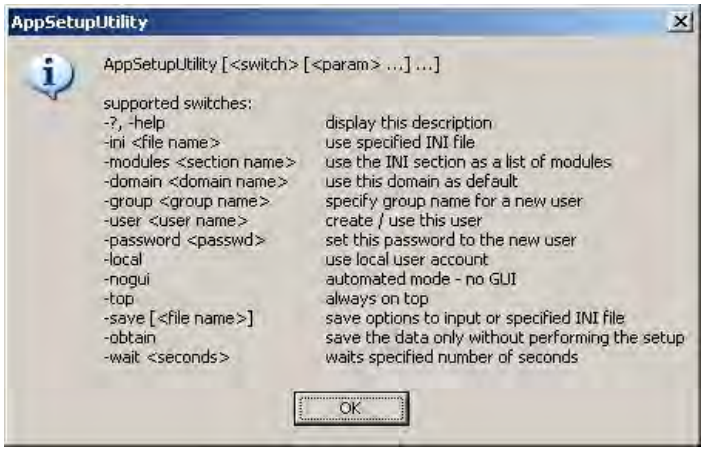

Figure 3 - Application Setup Utility Command Line Switch Index

Consider the command below:

```
AppSetupUtility.exe   /nogui   /local   /user
ICONICS_USER /group Administrators /password A
```

When you hit enter to run the command, the utility will run with the following settings:

/nogui	- without GUI
/local	- on Local Machine
/user ICONICS_USER	- with user ICONICS_USER
/group Administrators	- in Administrators group
/password A	- with a password of "A"

For more information on the Command line setting, bring up the Application Setup Utility's system menu and choose "Help".

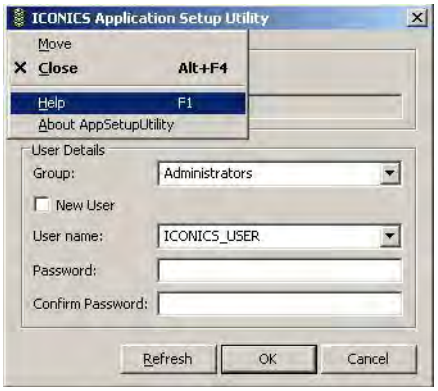

Figure 4 - The Application Setup Utility System Menu