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VARIAN

GalaxieTM

Galaxie diagnosis tool

User's Guide

Table of Contents

Software Presentation	2
Overview	2
Installation	2
Application Details	3
How to Use the Galaxie Diagnosis tool.....	3
<i>Start Analysis:</i>	3
<i>System information screen:</i>	5
<i>Option screen:</i>	5
Troubleshooting	6

Software Presentation

Overview

The Galaxie diagnosis tool allows the verification and the setting of DCOMs and permissions configuration on the computer once Galaxie is installed.

This tool is launched with a browser on URL, on the address <http://localhost:8080/galaxiediagnosis> or <http://computername:8080/galaxiediagnosis> if you want to launch the tool from another PC.

Installation

Launch the Windows Psetup.EXE to install the GalaxieDiagnosis tool and follow the wizard indications to perform a complete installation.

Note that the Microsoft.NET Framework version 2.0 will be installed if it is not yet installed on your PC. Under Windows 2000 and 2000 Server, a reboot may be requested.

Application Details

How to Use the Galaxie Diagnosis tool

Open a browser on URL:

- at the address: <http://localhost:8080/galaxiediagnosis> from the computer you want to configure
- at the address: <http://computername:8080/galaxiediagnosis> to configure from an other PC, instead of <computername> type the name of the computer you want to configure

In the main screen the two buttons are displayed:

Start Analysis



- , to launch the analysis which verifies if all is well configured.

Options



- , to select the possibility to include information about domain controller on the analysis.

Start Analysis:

After selecting “Start Analysis”, wait until the following screen is displayed:

[Menu](#) > Tests Results

Test Summary

System information

Fix Issues

If some tests didn't pass, Galaxie Diagnosis can try to correct automatically your configuration.

Fix Issues

Test designation	Details
 Installation path	
 DCOM configuration	
 DCOM Protocols	
 Acquisition & Control Communication Service	
 Acquisition & Control Manager	
 Acquisition & Control Client Service	
 External Sequence Manager	
 External Sequence Engine	
 Interface_Service	
 QuickStart Manager	
 QuickStart Engine	
 SequenceAuto Objet	
 W2AutomationEngine Objet	
 Additional Client plug-ins	

All DCOMs well configured are preceded by a green tick 

All DCOMs not correctly configured are preceded by a red cross 

To fix DCOMs settings, launch the tool by clicking on the

Fix Issues 

Click on the button  to have details on each line.

Note that, even if the folders permissions have a green mark, it does not mean they are correctly set but it means they have been read.



To display the details, press the  button and compare the results to the **Galaxie Installation Guide** settings recommendations. Then, set the folders permissions manually, in agreement both with this **Galaxie Installation Guide** and with the customers' security policy.

System information screen:

Click on System information button  to see details about the computer. The following screen appears:



[Menu](#) > System Information



Current identity	NT AUTHORITY\SYSTEM
Operating system	Microsoft Windows NT 5.0.2195 Service Pack 4 (Windows 2000 SP 4) without DCOM Security Enhancements
.NET Runtime	2.0.50727.42
Computer Name	RICHELIEU
Number of processors	2
Session View Size	20 MB (48 MB recommended for acquisition servers with many services)
Desktop Heap Size	512 KB (3072 KB recommended for acquisition servers with many services)
Currently Running Services	54 running services, including 5 Galaxie services

Option screen:

Option screen is available from the menu screen by clicking on the Option

button **Options** 

This option gives information about the domain controller (availability...). Note that this option checks all the network computers so it increases the duration of the analysis. This feature is to be used only for tech support.

Troubleshooting

- If you encounter problem to connect to the Galaxie Diagnosis tool, check that the Internet explorer parameters are correctly set:
 - 1) start Internet Explorer
 - 2) select Tools, Internet Options
 - 3) In the security tab, select Local Intranet
 - 4) click on Sites then select Advanced
 - 5) In the field :add this website to the zonz, enter http://<PC name>
 - 6) close the open windows, then in Internet Explorer enter the following address :http://<PC name>:8080/galaxiediagnosis

- If the web pages are not displayed after a few minutes, it can be necessary to restart the diagnosis server.
To do so, go to the computer hosting this server and restart the service named Galaxie Diagnosis Server from the Windows® services panel.

- If the fix introduced a problem, it is possible to roll back as registry keys are backed up in \<Galaxie>\GalaxieDiagnosis\adn\Backup.x (where x is an integer incremented each time the tool is used).
This folder contains files such as:
HKEY_LOCAL_MACHINE_SOFTWARE_Microsoft_Ole.reg. It is necessary to double-click on them to restore the original registry keys.