MULTI-SERVER MONITORING SYSTEM (VERS. 3.22)

DWAGENT3 FOR WINDOWS

1. Description.

Multi-Server Monitoring System enables to manage the work and control all basic parameters of workstations working under operating systems such as Windows or Suse Linux and servers working under operating systems such as NetWare, Windows, OES Linux as well. The main part of this system is a separated workstation or server with the managing module DWMON50 running on it.

One of the possibility and the cheapest solution is the usage of NetWare server in the NSBS Starter Pack version free of charge as a managing computer.

Another possible solution is the usage of workstation (or server) with Windows or Suse Linux system as a managing computer.

2. Features.

System to use on NetWare 5.0, 5.1, 6.0, 6.5, OES NetWare, Windows 2000, Windows 2000 Server, Windows 2003 Server and Windows XP platforms.

• Extremely simple and easy to use and free at the same time.

• An ideal complement to other expensive and sophisticated control systems based on SNMP protocol.

• Can be use in local networks as well as in wide-area networks (WAN, Internet).

• Requires only a simple agent running on every controlled NetWare and Windows system.

• For communication between a main system module and agents uses TCP/IP protocol and a port number specified by administrator.

• Features of main system module:

    - displays status of servers works continuously on selected NetWare and Windows server

    - displays names of servers to which the connections are correct in green, to which a lack of connection is between 15 and 30 minutes in violet, and those with a lack of connection above 30 minutes in red

    - enables a view of a few important parameters of controlled systems

    - Creates logs with status changes of controlled servers.

• Available version up to 50 or 100 servers.

3. Usage DWAGENT3 on Windows platform:

  DWAGENT3 agent module working on computers with the system Windows one should install by starting an installation program DWSetup3.com.
The module works in Windows system as a service.

  DWAGENT3 was tested in the following Windows versions:

- Windows 2000 Professional
- Windows 2000 Server
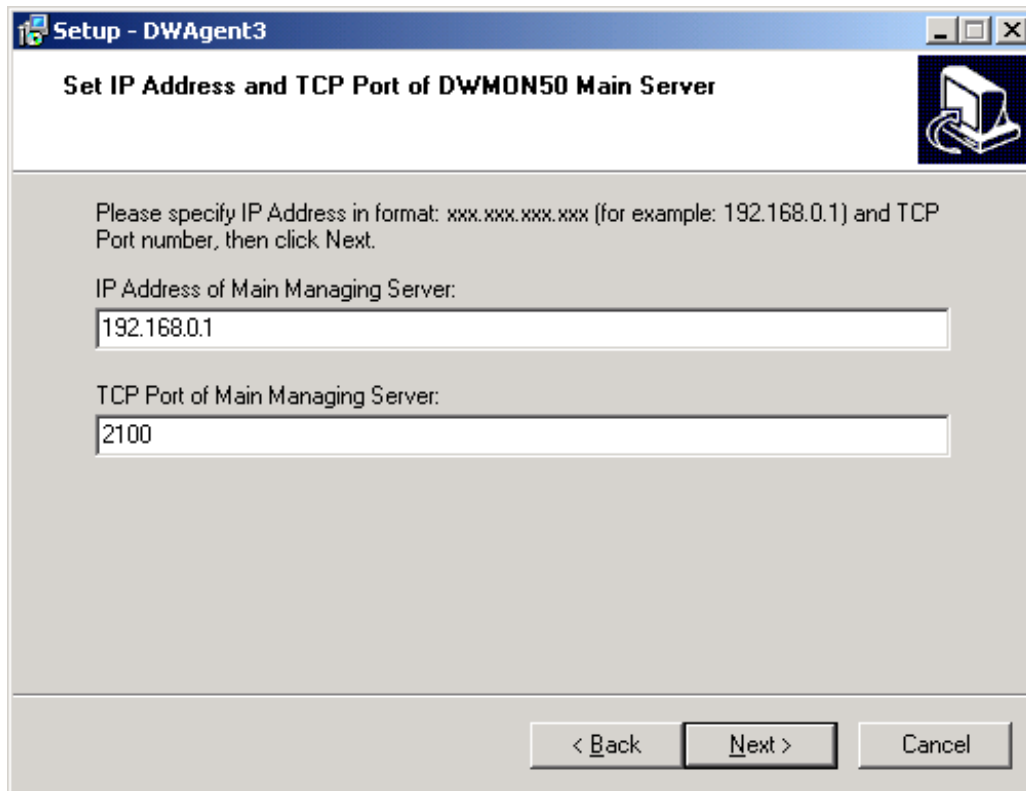- Windows XP Professional
- Windows Server 2003

4. Installation DWAGENT3 in the Windows system.

To install the DWAGENT3 agent in the Windows system one should start the installation program DWSetup3.exe. The following window will open on the screen:

To continue press the buttton Next.

In the next window displayed on the screen we have to specify the communication parameters of the managing server (or workstation):


One should enter IP address of the managing server and the port number to communicate with other computers.
In the example above: IP address is 192.168.0.1 and the port number is 2100.
These values are default. IP address and port number should be entered carefully because the program doesn't control if these values are correct.
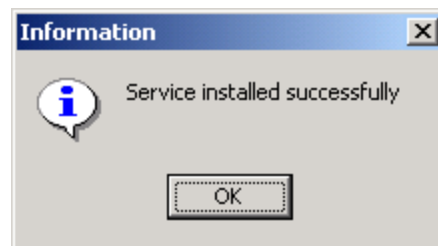
After setting the communication parameters and pressing the button *Next* we get the next window on which we can start installing the agent in the Windows system. To install the program press the button *Install.*
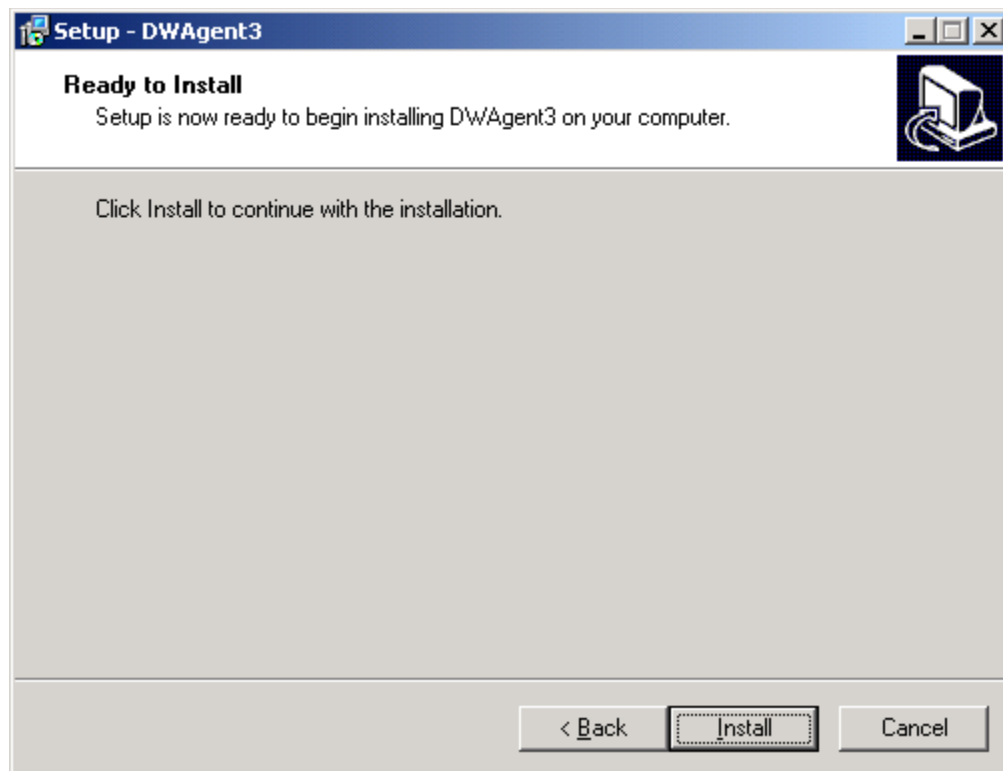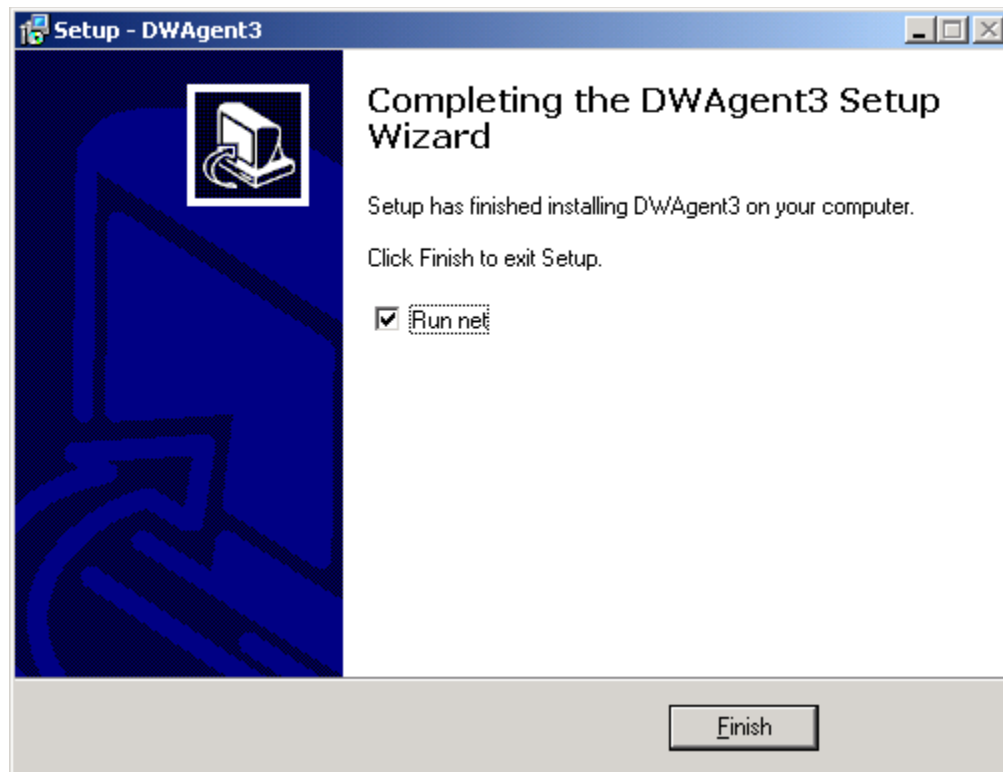
Then the agent will be installed in the system.
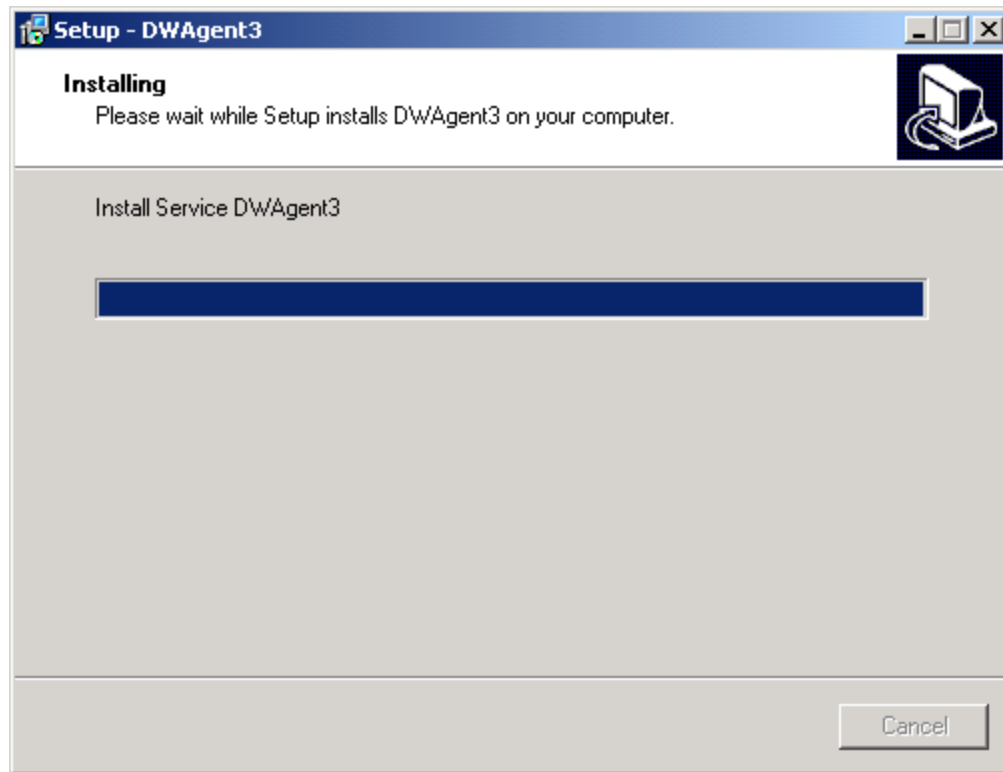
After successfully installation of the module on the screen will appear the following message:

To finish the installation one should press the button *Finish* (option "**Run net**" should be assign as on the picture below).

Communication parameters (IP address and the port numer) setting at the beginning of the installation are written in a file dwagent3.ini.
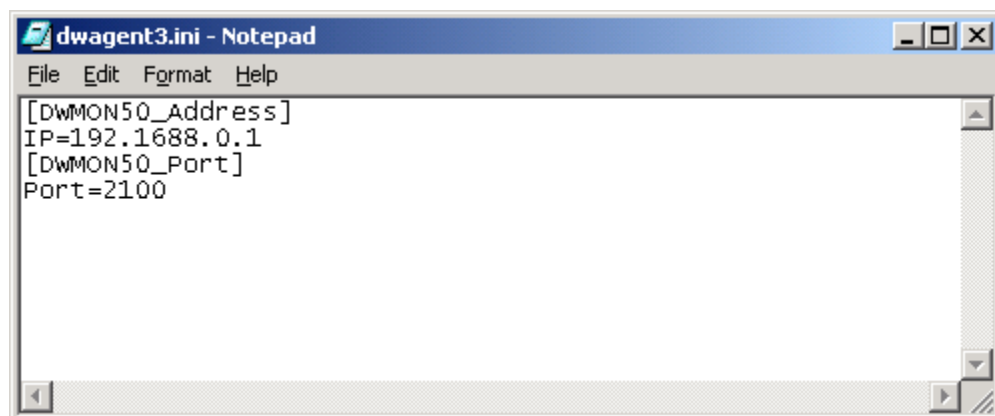
The file dwagent3.ini is placed in the Windows system folder (by default : C:\WINNT)
Parameters written in this file can be modified using a simple editor (eg. Notepad). To
activate them it is necessary to stop and start again the dwagent3 service.

5. The control of activity of the dwagent3 service.

To check if the installation and work of the dwagent3 service is correct one can use standard Windows tools: **EventViewer/Application** in the module **Computer Management**

Computer Management

Action View ← → ⤒ ▣ ☜ ⟳ ⤵ ⛊

| Tree		Type	Date	Time	Source
Computer Management (Local)		ⓘ Information	2006-04-27	10:11:37 …	DWAgent3
⊟ System Tools		ⓘ Information	2006-04-27	10:10:09 …	DWAgent3
⊟ Event Viewer		ⓘ Information	2006-04-27	9:58:44 AM	Creative Service …
Application		ⓘ Information	2006-04-27	8:08:01 AM	Creative Service …
Security		⚠ Warning	2006-04-26	1:20:16 PM	COM+
System		ⓘ Information	2006-04-26	1:04:29 PM	Creative Service …
⊞ System Information		ⓘ Information	2006-04-26	12:30:47 PM	Creative Service …
⊞ Performance Logs and Alerts					
⊞ Shared Folders					
Device Manager					
⊞ Local Users and Groups					
⊟ Storage					
Disk Management					
Disk Defragmenter					
Logical Drives					
⊞ Removable Storage					
⊞ Services and Applications					

Event Properties ? X

Event

Date: 2006-04-27   Source: DWAgent3   ↑
Time: 10:10   Category: None   ↓
Type: Information   Event ID: 1   ▥
User: N/A
Computer: AN01-STAC001

Description:

The description for Event ID (1) in Source (DWAgent3) cannot be
found. The local computer may not have the necessary registry information
or message DLL files to display messages from a remote computer. The
following information is part of the event: Service DWAgent3 installed
successfully.

Data: ⊙ Bytes ○ Words

OK   Cancel   Apply

As is shown on above screens two events of Information type for source DWAgent3 have appeared with the following description:

1. Service DWAgent3 installed successfully
2. Service DWAgent3 started successfully, DWMON50 IP Address=192.168.0.1, Port=2100.

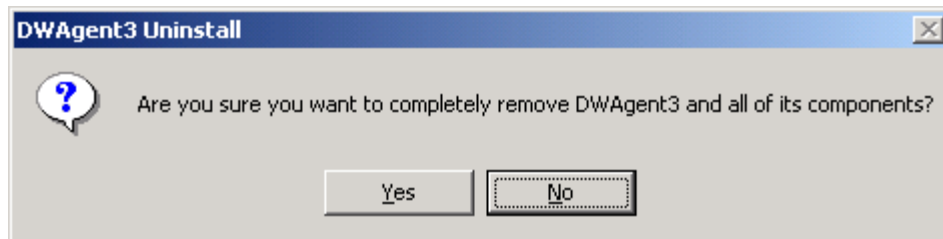A current state of the service one can see in the module Computer Management in the section **Services:**
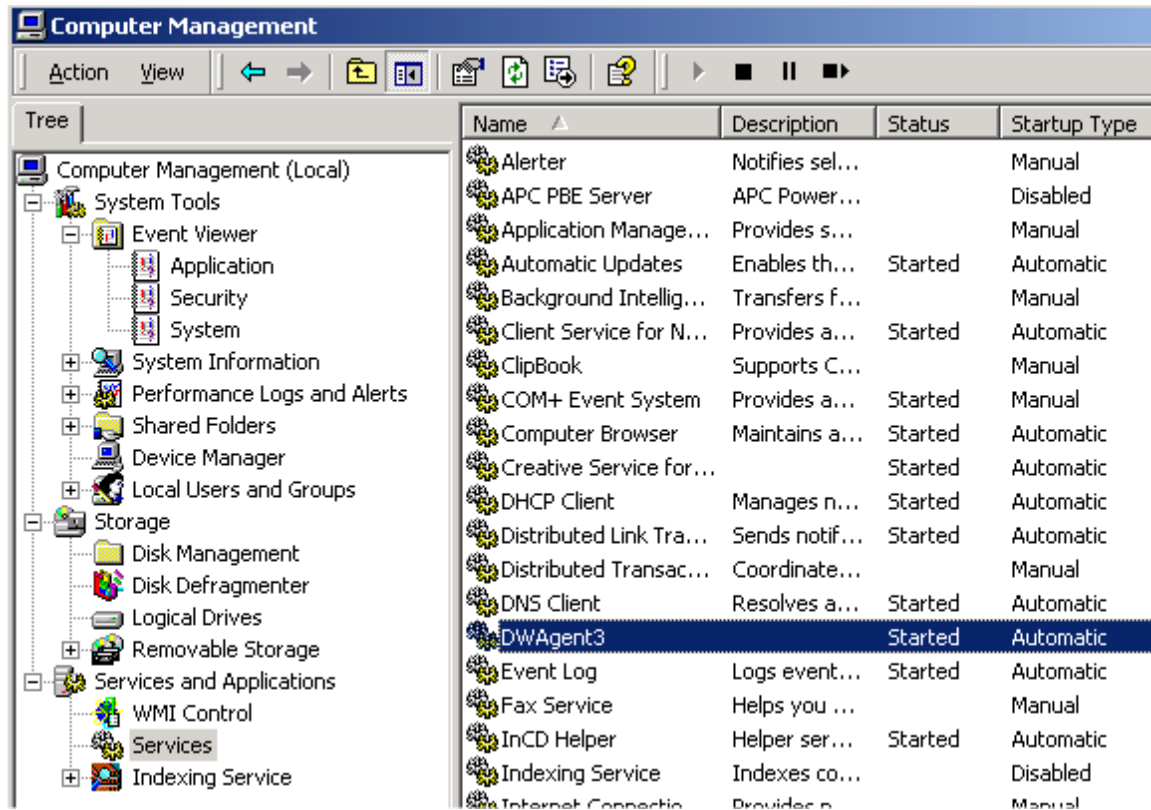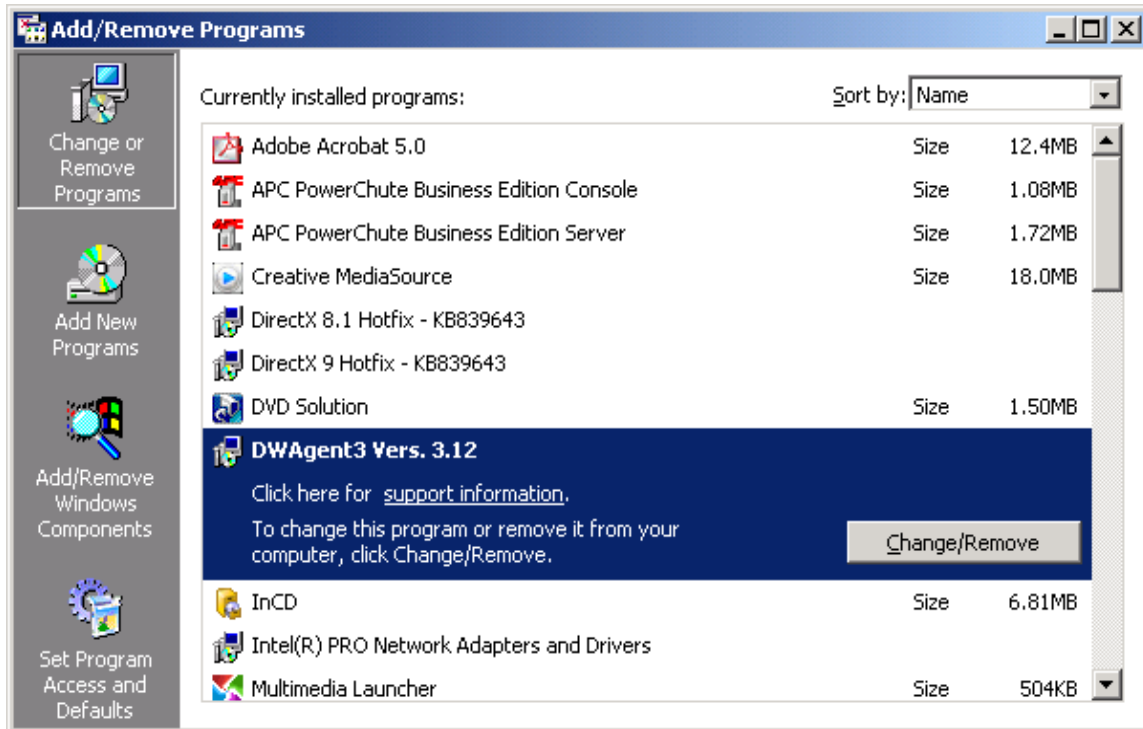
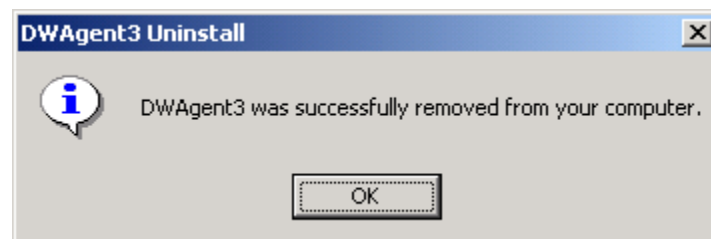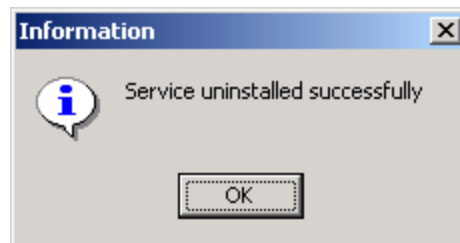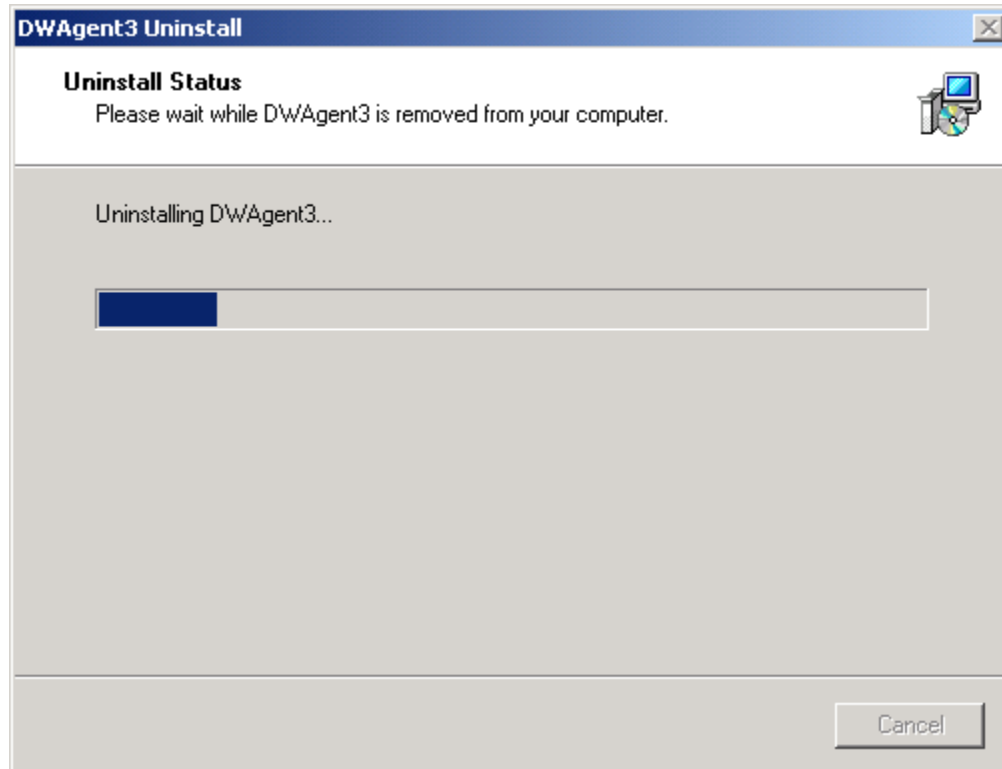## 6. Remove of the DWAGENT3 service.

Remove of the dwagent3 service is typically done by using a standard Windows application: Control Panel/Add/Remove Programs
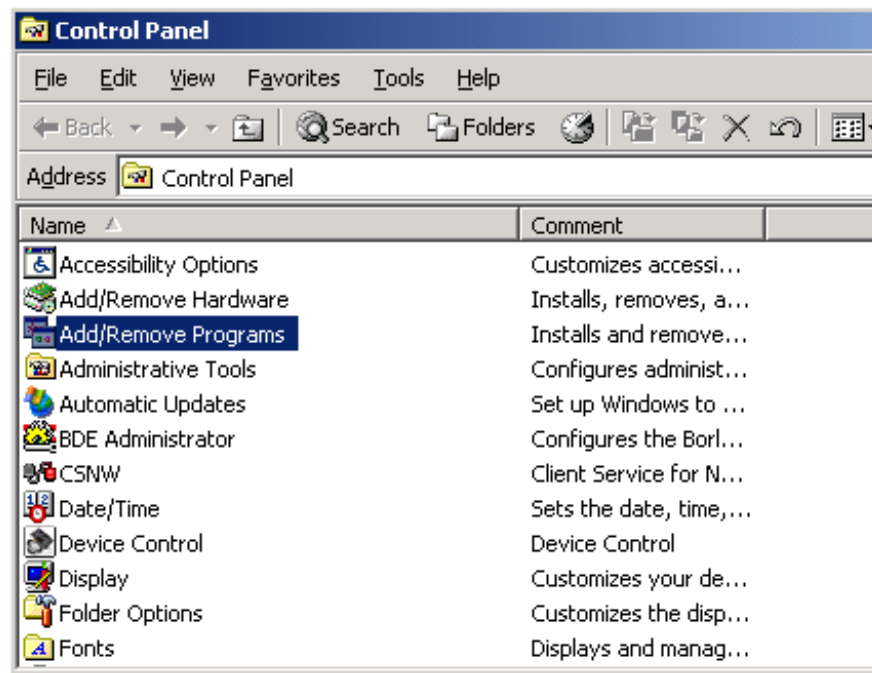
It is necessary to select the DWAgent3 program

It is necessary to confirm our intention of deleting the DWAgent3 module by pressing a button *Yes*

DWAgent3 Uninstall

Uninstall Status
Please wait while DWAgent3 is removed from your computer.

Uninstalling DWAgent3...

Cancel

Information

Service uninstalled successfully

OK

DWAgent3 Uninstall

DWAgent3 was successfully removed from your computer.

OK

After a successfully remove of the dwagent3 service it should disappear from a list of all services (after a short while)
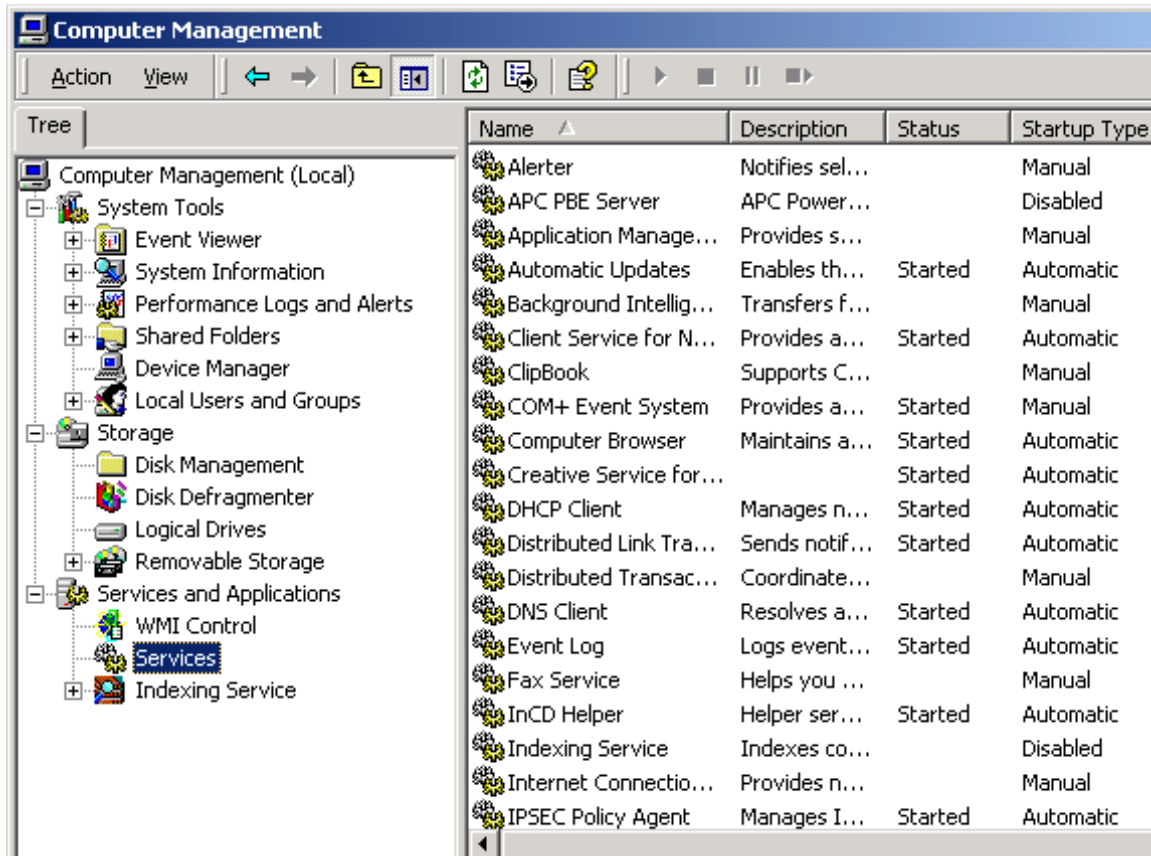
If you have any Comments and Suggestions please send them
to:djack@djack.com.pl

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http://www.djack.com.pl

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