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Purpose of the document

This document is intended to help with Adash *Online Data Manager* (DM in next text) service installation process. Running DM as NT service allows collecting data even if no user is logged into the DM computer.

IMPORTANT NOTE: This document supposes that you are familiar with Windows registry and the registry editor. Please, prior you start editing the registry, refer to the Microsoft Windows documentation about details how to use *Regedt32.exe* and how to backup and restore registry branches. Editing Windows registry incorrectly may harm your operating system and make it unstable. It could lead to serious problems that may require you to reinstall your operating system.

Prerequisites

Hardware

See the *how_to_make_online_data_manager_working_man_en.pdf* document for details about HW requirements.

Software

See the *how_to_make_online_data_manager_working_man_en.pdf* document for details about general SW requirements and **complete Online Data Manager installation process** as described there.

Additionally, yet another two utilities are necessary:

- INSTSRV.EXE
installs and removes system services from Windows
- SRVANY.EXE
allows any Windows application to run as NT service
(it means that this feature is **not available** on Windows 95/98/ME)

Both utilities can be found in the Windows NT Resource Kit. Use the resource kit, which is appropriate to your operating system.

Installation Process

This section describes how to install user defined NT service and how to bind the DM instance to this service. .

Installing SRVANY.EXE

1. Put the applications INSTSRV.EXE and SRVANY.EXE into your *system32* directory.
2. Run *cmd.exe* (the Start menu/Run.../enter the cmd.exe and click OK)
3. At a MS-DOS command prompt, type the following command:
INSTSRV.EXE <My_Service> SRVANY.EXE
where <My_Service> is the name of the service you are creating.
NOTE: it is highly recommended to include name of the DM project (i.e. 36C file) to

the service name. It will help to identify the service instance in *Service applet* in *Control Panel*.

4. Repeat previous point for each DM project.
5. Run Registry Editor (the Start menu/Run.../enter the Regedt32.exe and click OK).
6. To verify that the service was created correctly, check the registry to verify that the ImagePath value under
HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\is set to point to SRVANY.EXE.
7. Repeat previous point for each DM project.
NOTE: You can run as many as 12 instances of DM at a time.

Binding the Data Manager to SRVANY.EXE

1. Run Registry Editor (Regedt32.exe)
2. Locate the following subkey:
HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\- 3. From the Edit menu, click Add Key. Type the following and click OK:
Key Name: Parameters
Class: <leave blank>
- 4. Select the Parameters key.
- 5. From the Edit menu, click Add Value. Type the following and click OK:
Value Name: Application
Data Type: REG_SZ
String: <dm_path>\DM.exe -PROJ:<proj_path>\projectX.36C -RUN:Y -
REFRESH:1000 -LG:1024 -I:<instance_number> where
<dm_path> is the drive and full path to the DM.exe (e.g. C:\Program
Files\Adash\Online)
<proj_path> is the drive and full path to the project (*.36C) and
<instance_number> is the number on range 1-12
- 6. Repeat points 2-5 for each DM project while always incrementing the
<instance_number> parameter.
- 7. Close Registry Editor.

Now you have installed DM as one or more services instances. The DM service is configured to run Automatically when the system is restarted. To change this behavior or to Start/Stop service manually, use *Service applet* in *Control Panel*.

NOTE: It may happen that the service is installed to run under Administrator's account by default. In this case, it is highly recommended to reconfigure it to use **local system account** in *Service applet* in *Control Panel*. In addition to that, you need the **ODBC resource** used in the project listed **in the System DSN**. Otherwise service will not be able to use it. If, for any reason, you need to have the **ODBC resource** in *User DSN*, you have to reconfigure installed DM service to run under the same user account as the ODBC resource.

For more information on installing and removing a user-defined service, please see the Srvany.wri document provided with the Windows NT Resource Kit.